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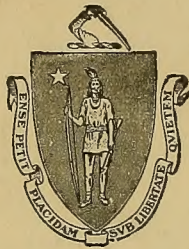
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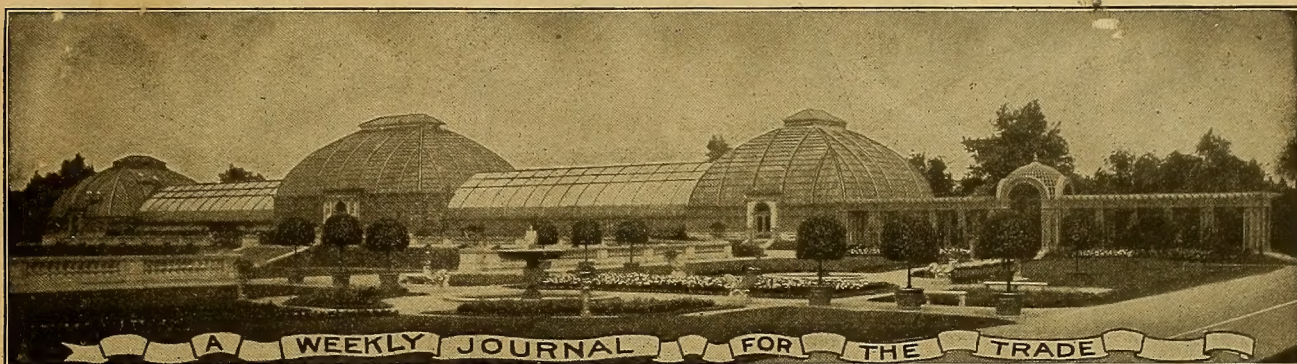
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THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

Vol. XLVII.

CHICAGO AND NEW YORK, JULY 22, 1916.

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No. 1468

THE AMERICAN FLORIST

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—DANIEL MACRORIE, San Francisco,
Calif., President; ROBERT C. KERR, Houston,
Tex., Vice-President; JOHN YOUNG, 53 West
Twenty-eighth street, New York, Secretary; J. J.
Hess, Omaha, Neb., Treasurer.

Next annual convention at Houston, Texas,
August 15-17, 1916.

ASSOCIATION OF AMERICAN CEMETERY SUPERINTENDENTS.

Thirtieth annual convention to be held at Nor-
folk, Va., August 22-24, 1916. JAS. WARREN, JR.,
Providence, R. I., President; BELLET LAWSON,
Jr., River Grove, Ill., Sec'y-Treasurer.

AMERICAN DAHLIA SOCIETY.

Next annual meeting and exhibition, New
York, September 26-28, 1916. RICHARD VINCENT,
Jr., White Marsh, Md., President; J. HARRISON
DICK, 1426 Seventy-third Street, Brooklyn, N. Y.,
Secretary.

AMERICAN ROSE SOCIETY.

Next annual convention and exhibition, 1917,
S. S. PENNOCK, Philadelphia, Pa., President;
LOUIS J. REUTER, Westbury, R. I., Vice-President;
BENJAMIN HAMMOND, Beacon, N. Y., Secretary.

AMERICAN ASSOCIATION OF PARK SUPERINTENDENTS.

Next annual meeting, New Orleans, La., Octo-
ber 10-12, 1916. EMIL T. MISCHKE, Portland, Ore.,
President; ROLAND COTERILL, Park Depart-
ment, Seattle, Wash., Secretary-Treasurer.

AMERICAN GLADIOLUS SOCIETY.

Next annual meeting and exhibition at New
York, August 16-19, 1916. CHAS. F. FAIRBANKS,
Boston, Mass., President; HENRY YOUELL, 538
Cedar street, Syracuse, N. Y., Secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA

Annual convention and exhibition at Phila-
delphia, Pa., November, 1916. WM. KLEINHEINZ,
Ogontz, Pa., President; C. W. JOHNSON, 2134 W.
10th Street, Chicago, Secretary

AMERICAN SWEET PEA SOCIETY.

Annual Meeting and Exhibition, Bar Harbor, Me., July 15-16, 1916.

The Exhibition.

With ideal weather and surround-
ings, and a very good attendance of
the craft when one considers the dis-
tance from the commercial centers of
the country, the eighth annual meeting
and exhibition of the American Sweet
Pea Society was held at Bar Harbor,
Me., July 15-16, under the auspices of
the Bar Harbor Horticultural Society.

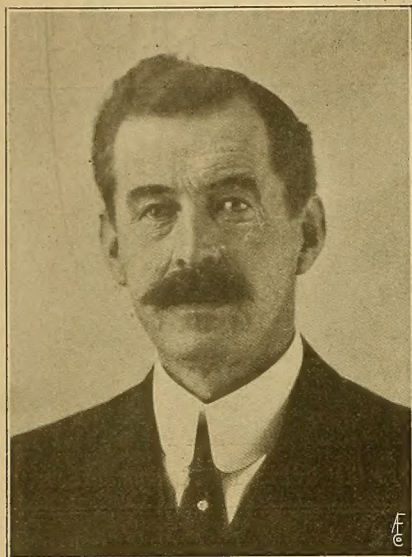
The main floor of the Casino was
entirely taken up with the exhibits,
on the outside tables being staged the
vases, each containing 20 sprays of
Spencer varieties. There was keen
competition in these classes, the prizes
of \$5, \$3 and \$2 for first, second and
third, together with the honor, being
liberal indeed. The quality as well as
the number of the entries was very
good considering the backward season,
for even here where these flowers do
so well, they have been much affected
by the cold sea fogs causing them, ex-
cept in places where they were pro-
tected, to drop their buds. A dividing
line in the center of the hall was
formed by two rows of sweet peas in
full flower, growing in 24-inch tubs.
The vines were about eight feet in
height and were filled with very
choice blossoms. They were easily one
of the features of the show.

The center table contained the en-
tries of 25 varieties, not less than 20
stems to a vase, in competition for the
challenge cup of Arthur T. Boddington
Co., Inc., New York, together with a
cash prize of \$25. This was won by
Girard Foster, Lenox, Mass., with a
fine collection of superb flowers. He
also captured the honors in this class
at the Newport exhibition last year.
Entries for the W. Atlee Burpee &
Co.'s prizes for the best 12 vases of
distinct varieties, 20 sprays to a vase,
were also staged at this table, as were
also competitive displays in the special
classes of the Stump & Walter Co.,
New York, Henry F. Michell Co., Inc.,
Philadelphia, Pa., and Watkins &
Simpson, London, Eng.

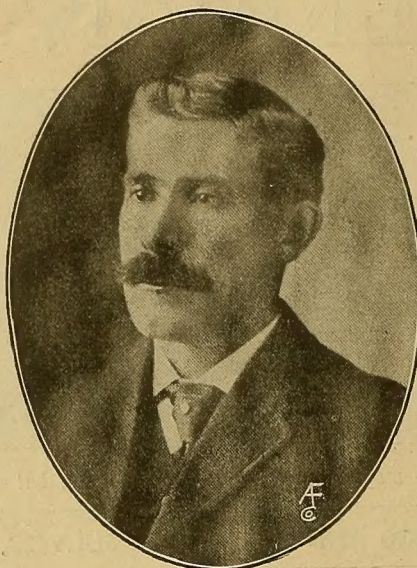
The feature of the exhibition was the
splendid collection of W. Atlee Burpee
& Co., Philadelphia, Pa., over 80 varie-
ties, all named, being arranged in vari-
ous sized vases in adjustable pyramidal
holders and in small glass baskets.
This exhibit extended across the entire
front of the hall. The background was
of black velvet, the table being cov-
ered with white paper, falling from
the front of which to the floor was a
drapery of bronzy green. Bunches of
slender grasses arranged between the
vases relieved any suggestion of sam-
eness, while the graceful green foliage
added by contrast to the brilliant col-
ors of the flowers. This display was
arranged by the firm's sweet pea spe-
cialist, George W. Kerr, who is also a
past master in the art of staging flow-
ers for exhibition. The honors were
justly awarded to this exhibit.

The stage was beautifully decorated
with palms and a choice collection of
herbaceous flowers in large vases,
while immediately in front was a col-
lection of cut sweet pea branches, two
to three open sprays and a number of
buds on each with foliage. These were
arranged in cluster bamboo cut flower
stands from two to four feet in height
and made a splendid showing. This
was the entry of the Mt. Desert Nur-
series, Bar Harbor, and was easily
first in its class. The varieties were
Mrs. Hugh Dickson, Elfrida Pearson,
Edith Taylor, Nubian, Royal Purple,
The President, Blanche Ferry, Lillian
Jean Ireland, Florence Nightingale, Da-
vid Usher, Duplex John Ingram and
Blue Gem.

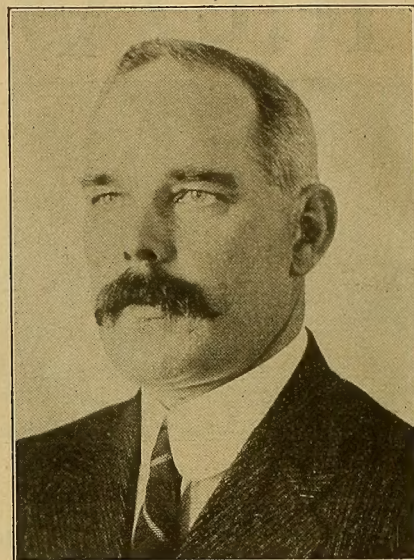
R. & J. Farquhar & Co., Boston,
Mass., exhibited their new Lilium Re-
gale (myriophyllum) the several hun-
dred blooms of which made a splendid
showing. A group consisting of lark-
spur, digitalis and campanula, all splen-
did spikes of bloom, made a very pretty
corner. This was arranged by the Mt.
Desert Nurseries. On either side of
the center of the hall were the deco-
rated luncheon and tea tables, but with
one or two exceptions the arrangements



Geo. W. Kerr, Doylestown, Pa.
President American Sweet Pea Society.



William Sim, Cliftondale, Mass.
Treasurer American Sweet Pea Society.



William Gray, Newport, R. I.
Member Executive Com. Am. Sweet Pea Society.

were not very elaborate. Competition in this class was open to ladies only.

After the judges had announced the awards, the society was welcomed by President Warner M. Leeds, of the Bar Harbor Horticultural Society, who was profuse in the praises of Bar Harbor as the ideal spot for climate and flowers, the ocean mists and breezes and the bright sunshine bringing out a better and more brilliant color than was seen anywhere else. He praised the work of the society with its devotion to the ideal and which voluntary service was sure to meet with success. There is no craving for war in the garden is his belief and if all the world had as high ideals there would be no wars and the world would instead become a "world of flowers with beauty and good will everywhere." W. J. Stewart replied to Mr. Leeds and thanked him on behalf of the society for the generous reception and welcome and the great enjoyment the trip had already been to the visitors and the further pleasures they knew were in store for them. Referring to the sweet pea, he described it as one of the latest creations of the Master, who after having tried his prentice hand on all the others, had then produced this most lovely flower. Chas. H. Totty ably seconded Mr. Stewart in his assuring that it was a great satisfaction for the delegates to be in this town of Eden, which was named for the most beautiful spot on earth, the Garden of Eden. At the close of the exercises the delegates were taken on an auto tour of 35 miles all around the island, in which in addition to the beautiful views of its rockbound coast, its forests and mountains, the visitors were also given liberally of its soil, whenever they got off of the "Rockfellered" roads. In the evening a banquet was tendered the members at the Malvern hotel and was much enjoyed by the guests and their ladies. J. H. Stafford was the master of ceremonies and extended the glad hand and A. E. Thatcher, Harry Bunyard, Edward Jenkins, S. Carlquist, W. J. Stewart and others made short addresses. It was a most enjoyable occasion and proved to the visitors that the craft at Bar Harbor were hospitable to a marked degree.



Harry A. Bunyard, New York.
Secretary American Sweet Pea Society.

The Business Meeting.

The business meeting was held on the morning of the second day, and it was a business session in the true sense of the word, being attended by about 25 live wire sweet pea enthusiasts and resulted in much good. The annual election of officers resulted as follows: Geo. W. Kerr, Doylestown, Pa., president; Edward Jenkins, Lenox, Mass., vice-president; Harry A. Bunyard, New York, secretary; Wm. C. Sim, Cliftondale, Mass., treasurer. W. A. Sperling, New York, and Wm. Gray, Newport, R. I., were elected to the executive committee to succeed Wm. Duckham and Wm. C. Sim, whose terms had expired. It was suggested for action that members two years in arrears be automatically dropped from the rolls and a committee was appointed to go over the books of the society and report its condition prior to October 1. It was unanimously agreed that the annual exhibition hereafter will be opened on the first Saturday after the

Fourth of July, with no postponement for any cause such as bad weather, etc. Boston, Mass., was decided upon as the meeting place for 1917. A vote of thanks was given to Arthur T. Bodding, the retiring treasurer, for his long services to the society. It was also voted that the secretary be given a salary of \$50, a committee composed of J. H. Stafford, and C. H. Totty was appointed to raise a fund of \$500 for the use of the society. After a vote of thanks to the Bar Harbor Horticultural Society for its hospitality and co-operation the meeting adjourned.

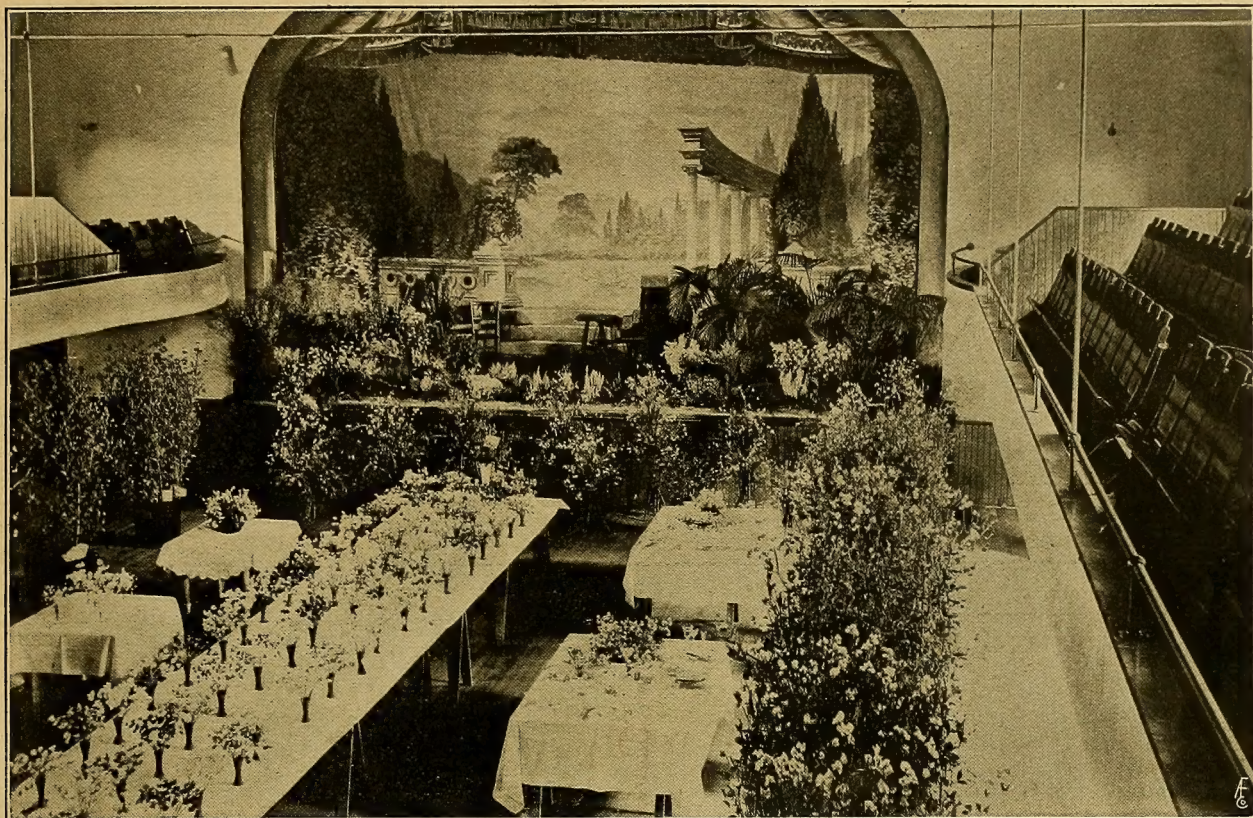
Boat Trip Enjoyed.

The trip by steamer from Boston to Bar Harbor was very enjoyable, particularly Saturday morning. The weather was ideal and the rugged scenery of the Maine coast and the innumerable islands, through which the boat threaded its way, made a constant change of scene. Harry A. Bunyard improved the time by collecting dues from the forty members of the society who were on board and Miss Totty made a very active and efficient treasurer. A group picture of the party was taken on the upper deck.

Financial Statement.

STATEMENTS OF ASSETS AND LIABILITIES, JULY 14, 1916.

	Assets	Liab.
Cash on hand and in bank.	\$22.73	
Membership dues, Amounts in arrears	\$586.00	
Current year	336.00	
	\$922.00	
Less 75% considered uncollectable	692.00	
	230.00	
Guarantee Fund due from Guarantor	25.00	
Harry A. Bunyard expenses.	22.49	
Vases—Book value	374.05	
Less Reserve for Depreciation	74.81	
	\$299.24	
Prize Donor Paid to Society for repayment to winner A. T. DeLaMare P. & P. Co., Printing	\$15.00	
Theo. B. Starr, Inc., Medals, etc.	192.73	
	6.25	
Total Assts	\$599.46	
Total Liabilities	\$213.98	
Surplus	385.48	
	\$599.46	\$599.46



AMERICAN SWEET PEA SOCIETY EXHIBITION, BAR HARBOR, ME.
General View of the Exhibition.



AMERICAN SWEET PEA SOCIETY EXHIBITION, BAR HARBOR, ME.
Exhibit of W. Atlee Burpee & Co., Philadelphia, Pa.

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AMERICAN SWEET PEA SOCIETY MEMBERS, ENROUTE BOSTON TO BAR HARBOR, ME.

The Judges.

Section A—Thos. Murray, Vernon T. Sherwood and Henry Weston.

Section B—J. Harrison Dick, Wm. Nicholson and James Methven.

Section C—W. H. Ray, Geo. Gordon and A. E. Griffin.

Section D—Chas. H. Totty, Robert Cameron and Wm. Miller.

Section E—Wm. Sim, Geo. W. Kerr, Andrew Rogers and Jas. McFarlane.

The Awards.

Morse cup for finest collection of sweet peas, covering 150 square feet, 100 varieties, 50 to 100 to a vase—Won by W. Atlee Burpee & Co., Philadelphia, Pa., notable varieties being Fiery Cross, President, Floradale Fairy, Cherub, Robert Suydenham, Margaret Madison, Mrs. J. Palmer, Illuminator, Stirling Stent, King White, Royal Purple, Charm, Irish Belle, Orchid and Florence Nightingale.

Vase of 100 sprays, mixed—Edward Jenkins, with White Orchid and Royal Purple.

Best 1916 novelty, 20 sprays, one variety—Malvern Greenhouses, Bar Harbor, 1st, with Fiery Cross; Mrs. R. Winthrop, 2nd, with Fiery Cross; Gerard Foster, 3rd, with Jean Ireland.

Vase of Constance Hinton—Gerard Foster, 1st; Mrs. Robert Winthrop, 2nd.

Any white variety, 20 sprays—Gerard Foster, 1st, with Constance Hinton; Malvern Greenhouses, 2nd, with same.

Crimson or red, 20 sprays—Gerard Foster, 1st, with Scarlet Emperor; Malvern Greenhouses, 2nd, with Fiery Cross.

Rose or carmine, 20 sprays—Albert Jenkins, with Geo. Herbert, 1st; Miss M. A. Clark, 2nd, with same; Malvern Greenhouses, 3rd, with Illuminator.

Light pink Spencer—Gerard Foster, 1st, with Lady Elynn Eyre; Malvern Greenhouses, 2nd, with Lillian; Mrs. Robert Winthrop, 3rd, with Lady Elynn Eyre.

Deep pink—Malvern Greenhouses, 1st, with Hercules; Gerard Foster, 2nd, with same; Mrs. Robert Winthrop, 3rd, with same.

Blue, 20 sprays—Gerard Foster, 1st, with Blue Monarch. Mrs. Robert Winthrop, 2nd; Miss M. A. Clark, 3rd, with Blue Jacket.

Lavender, 20 sprays—Mrs. R. Winthrop, 1st, with Leslie Tintin; Malvern Greenhouses, 2nd, with Bertrand Deal, Imported; Miss M. A. Clark, 3rd, with Asta Ohn.

Cream or orange yellow—Gerard Foster, 1st, with Floradale Fairy; Mrs. R. Winthrop, 2nd, with Frilled Primrose.

Salmon or orange—Mrs. Robert Winthrop, 1st, with May Unwin.

Maroon or purple—Mrs. Robt. Winthrop, 1st, with Royal Purple; Gerard Foster, 2nd, and Malvern Greenhouses, 3rd, with same.



American Sweet Pea Society.
Sweet Peas in Tub.

Any lavender—Gerard Foster, 1st, with Don Alva; Mrs. Robert Winthrop, 2nd, with same. Picotee edged—Gerard Foster, 1st, with Jean Ireland; Mrs. Robt. Winthrop, 2nd, with same. Striped or flaked red or rose—Gerard Foster, 1st, with Jessie Cuthbertson; Mrs. R. Winthrop, 2nd, with same.

Any other color—Gerard Foster, 1st, with Senator; Mrs. Robt. Winthrop, 2nd, with Rosina.

Six vases, six distinct Spencer varieties—Stump & Walter Co. prize to Gerard Foster for Lady Elynn Eyre, Edna May Improved, Nubian, Duchess of Portland, George Herbert, and Floradale Fairy.

Orange scarlet in tubs—Mt. Desert Nurseries, 1st, with Illuminator; Malvern Greenhouses, 2nd, with Fiery Cross.

Six varieties, one vase of each—Gerard Foster, 1st; Mrs. Robt. Winthrop, 2nd.

Six varieties, six vases—Gerard Foster, 1st, with Sunproof Crimson, Edna May Improved, Sincerity, Duchess of Portland, Fiery Cross, and Mrs. Thos. Stevenson.

White or cream in tubs—Malvern Greenhouses, 1st, with Dobbies' White; Mt. Desert Greenhouses, 2nd, with Moneymaker.

Scarlet, crimson, rose or carmine in tubs—Mt. Desert Nurseries, 1st, with Beacon; Malvern Greenhouses, 2nd.

Pink, orange or salmon—Mt. Desert Nurseries, 1st; Malvern Greenhouses, 2nd.

Visitors.

The following were noted among the visitors during the two days of the exhibition:

James Armstrong, Marion, Mass.
Mrs. Baker, Montvale, Mass.
H. Barsch, Waverly, Mass.
Mrs. H. Barsch, Waverly, Mass.
J. H. Briry, Boston, Mass.
Mrs. J. H. Briry, Boston, Mass.
Harry A. Bunyard, New York.
Robert Cameron, Cambridge, Mass.
S. Carlquist, Lenox, Mass.
Herbert Clark, Boston, Mass.
A. N. Craig, Brookline, Mass.
Josiah Crockett, Boston, Mass.
J. H. Dick, New York.
John Duguid, South Framingham, Mass.
Mrs. John Flood, Montvale, Mass.
George Gordon, South Beverly, Mass.
A. E. Griffin, Marion, Mass.
A. R. Griffin, Boston, Mass.
George Halliday, Marion, Mass.
Eber Holmes, South Orange, N. J.
Julius Huerlin, Boston, Mass.
Wm. M. Hunt, New York.
E. Jenkins, Lenox, Mass.
Geo. W. Kerr, Doylestown, Pa.
Robert Kift, Philadelphia, Pa.
James McFarland, Durham, N. H.
Donald McKenzie, Boston, Mass.
Thos. Meade, Boston, Mass.
George Melvin, Brookline, Mass.
James Methven, Boston, Mass.
A. P. Miller, Boston, Mass.
Mrs. A. P. Miller, Boston, Mass.
Wm. Miller, Bustin, Me.
Thos. Murray, Tuxedo, N. Y.
Wm. Nicholson, Framingham, Mass.
Thos. Pegler, Brunswick, Me.
A. A. Reed, Boston, Mass.
Andrew Rogers, Boston, Mass.
D. F. Roy, Marion, Mass.
Mrs. D. F. Roy, Marion, Mass.
John Russell, Boston, Mass.
V. T. Sherwood, Charlestown, N. H.
William Sim, Cliftondale, Mass.
Miss Agnes Thompson, Boston, Mass.
Chas. H. Totty, Madison, N. J.
H. Weston, Hempstead, N. Y.
Mrs. H. Weston, Hempstead, N. Y.
E. H. Wilson, Boston, Mass.

Sweet Peas of the Future.

Paper by David Burpee, Philadelphia, Pa., read at the eighth annual meeting of the American Sweet Pea Society, Bar Harbor, July 15-16, 1916.

I was not consulted in the selection of the title above, but had the selection been left entirely to me, I must confess I could not have chosen a more agreeable topic. I might have changed the caption, however, to read "The Golden Future of the Sweet Pea and the Impossibility of Securing a Pure Yellow Variety." It is impossible to secure a pure yellow variety, so far as any accomplishment is impossible until it has been accomplished. We all of us must necessarily judge by what has gone before. So as a foundation for my prophecy of the future, I will first give a brief outline of the progress of this flower in the past.

In 1699, the first seed was sent from Sicily to England, and there during the next 200 years, the sweet pea went through a slow stage of change and development. The early improvements were entirely in color variation. From the original *Lathyrus odoratus* there developed numerous varieties, but all of these differed only in color. These new colors were secured by mutation, and then by cross-fertilization and a blind selection of the following generations. This selection of the generations following a cross was blind because the principles of heredity were not well understood until the re-discovery of the Mendelian laws in 1900. Later nature developed a variety of *Lathyrus odoratus* that differed in form. This mutation was carefully saved and crossed back upon the older type until nearly all colors were gotten in the hooded varieties as well as in the plain grandiflora type. After that, progress was comparatively slow until nature again made a distinct mutation in the form of the sweet pea. The Spencer type appeared almost simultaneously in three places and entirely unaided by man. Then in like manner the different shades of colors were secured in the waved type by color mutation, crosses and selections.

The sweet pea has now reached the point where it is the most popular annual, and each year its popularity continues to grow. The early flowering Spencer type that is just now coming into prominence will undoubtedly do much to widen the field. Your vice-president, George W. Kerr, has done a great deal towards the improvement of the early flowering varieties. For seven years he has worked at our Fordhook Farms until now he has in process of development upwards of 20 distinct colors. All of these were secured by crossing the thrifty Australian varieties on the older late flowering Spencers. From both of the parents they have inherited the hardy habit of growth—the stamina to stand even under a hot sun, and to thrive in the open as well as under glass. Because of their earliness and strong growth these new Spencers are rapidly becoming popular throughout the southern states, and in some localities I believe they will completely replace the late flowering varieties.

I believe you will agree with me that the sweet pea has a bright future before it, and that it will continue to develop and to grow in popularity. Yes the future of the sweet pea is indeed golden! The possibility of securing a pure yellow variety, however, is a more difficult subject. I can merely tell you the means through which a yellow

variety will come should it ever be secured. In the past the improvement of sweet peas—as in fact, of all other plant life—has been through only three channels, namely, mutation, cross-fertilization and continued selection of small fluctuating variations. Permanent improvement through fluctuating variations has been practically negligible. Through cross-fertilization, however, there has been obtained by far the greatest number of color variations. But crossing was possible only after nature had given us the first mutant. For in the beginning, of course, there was but one color and a cross would have been impossible. It is to the mutations of nature, there-



David Burpee, Philadelphia, Pa.

fore, that we must turn to find a fundamental change in a new direction. In other words, by cross-fertilization we can secure only a combination of the characters which already exist.

Yellow is a primary color and cannot be gotten by the combination of any other colors. It seems very unlikely, therefore, that we can ever secure a pure yellow variety of sweet pea by the crossing of existing colors. It may be possible, of course, that some day we will find a yellow as a mutation or a "sport of nature," but this is entirely a matter of chance and beyond the control of man. There remains one other way, hybridization, by which we might possibly get a pure yellow sweet pea. In the past the crossing has been entirely within the species of *Lathyrus odoratus*. In all there are more than 100 species of lathyrus and several of these bear flowers of a pure yellow color. The apparent question then is: Can we make a cross between the sweet pea and any other lathyrus and with this as an entering wedge finally get the yellow color of another species on to *Lathyrus odoratus*?

This possibility naturally occurred to me shortly after I started to work with sweet peas and in my enthusiasm I tried to cross every legume that came within my reach. In one case I even attempted a cross between a sweet pea and the yellow broom. Needless to say, it failed—and all my attempted crosses between species failed. My failure had sort of a stimulating effect—made me

look deeper—made me investigate to see what others had done. And I really felt quite relieved to find that no one else had been more successful than myself. I was unable to find anyone who had secured a hybrid between any two species of lathyrus:

Three years ago my father and I visited Mr. Bateson of the John Innes Horticultural Institute, Wimbledon, England, and he told me that he had worked with 10 or 15 species of lathyrus, but was unsuccessful in securing a hybrid, and further that he did not know of a cross ever having been made. I explained my intention of collecting the hundred or more species and then of trying every possible combination of cross. His encouragement was a great help in the starting of my work. From then on I collected all commercial varieties and species of lathyrus mostly from European seed firms, and then the wild species through the department of seed and plant introduction at Washington. I continued this collection, until last summer, at Fordhook, I had upwards of 50 distinct species. It was my intention to complete the collection and gradually to attempt every possible cross upon the sweet pea. I discontinued the work, however, because of my father's illness and I have not taken it up again since his death last winter. But I hope to continue my hobby within the next few years, for I know the work to be productive of pleasure if of nothing else.

THE CARNATION.

Care of the Field Plants.

Preparations should be under way for bringing in the field plants. It is none too early to start planting, and if the plants have made a good average size, they should be planted inside as soon as the necessary arrangements can be made. Whenever it can be done, it is a good plan to rest up the house and benches for a short while between throwing out the old plants and soil and bringing in the new. Should there still be any old plants standing in the benches, they should be cleared out, the soil taken out, and the house and benches given a thorough cleaning and allowed to stand empty for several days before filling again. This will sweeten up things and put a check on any insects that are lurking around.

Having advised a great deal in recent notes concerning the importance of providing good soil for carnations, it is not necessary to dwell upon this matter to any great extent at this time, other than to mention that a live, fresh soil is essential to the plants for them to produce first class flowers, the best soil obtainable being none too good. Before commencing to plant inside, make sure that everything connected with the carnation field is in good shape; it is a poor policy to neglect the plants in any manner while outdoors. The general routine work of keeping the land clear of weeds, cultivating, topping, and other necessary work, should be carried on until the last plant is taken from the field. Under the most favorable conditions emptying and filling greenhouse benches is not a very nice job, particularly during very hot weather, and unless the work is handled right

it is very apt to lag. The best course to follow is to put every available man on the job and finish it up in the shortest time possible.

Shading is necessary to the plants for a short while after planting; this should be put on the glass before the men begin to empty the benches so as to make it more pleasant for them to work. The best material we find to answer the purpose of shading is clay and water thoroughly mixed and made thin enough to throw on the glass with a force pump. It can be easily removed when no longer needed and does not contain anything to damage the paint.

Have the benches filled to the top of the side boards, levelling with a cross board; this will settle to the required depth for planting, which should be about five inches. Before bringing in the soil, we spread a layer of well-rotted manure over the bottom of the benches, which we find gives lasting qualities to the soil for the roots to work in later on. After the bench is filled with soil, a dressing of bone-meal and limestone is put on and forked in. It is then levelled off ready for planting.

The work of lifting the plants is very important and should be in charge of a man who understands what he is doing, so that the plants will be lifted carefully and as many of the roots saved as possible. One man should do the digging and another pick up the plants and set them in shallow boxes. A medium ball of dirt should be allowed to remain on the roots and the man who picks up the plants should be instructed to work the soil loose with his hands, allowing enough to remain to make the ball. Plants that were pot grown in the early stages of their growth, usually form a ball better than those that were flat or bench grown before being planted in the field. Do not lift the plants in large numbers to lay around and suffer before being benched. Arrange the work so that the planters inside are working together with the men lifting in the field. Do not wait for rain before lifting the plants, but when large enough, go ahead with the work. Most growers agree that it is best to plant while a little dry than to wait and have the plants soaked up with heavy rain. Should the soil be extra heavy, making it difficult to lift the plants without seriously damaging the roots, the ground can be moistened up with the hose a few hours before digging the plants. Watch the planting closely to make sure that the plants are not set too deep; also, be careful as regards watering. The plants should be watered in at time of planting, but do not flood the soil. Give the plants frequent light sprayings until they recover from the transplanting.

Carried-Over Carnations.

ED. AMERICAN FLORIST:

My carnation plants in benches are still in good condition after producing freely the past season. Would there be any advantage in attempting to carry them through another year? What would be the best treatment for the plants now if I decide to try this experiment?

YOUNG GROWER.

There are a number of growers in different parts of the country who have experimented a great deal with carried-over carnation plants, and in giving their experience some have claimed it to be a success, while others say that

they have failed to see any advantage from following the plan.

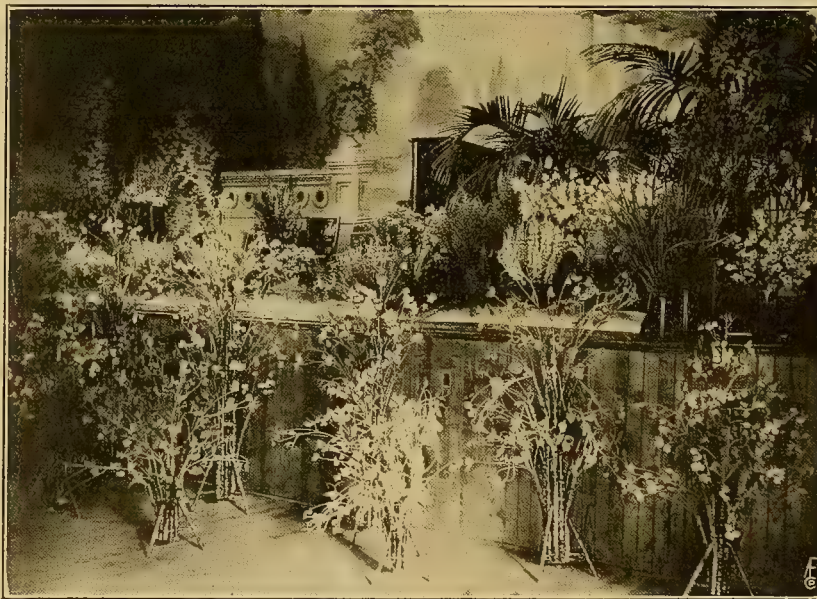
There are so many diseases to which the carnation is subject as well as a great variety of insects which attack them, that most growers figure that it is a big advantage to give the benches and houses a good cleaning and drying out each year and start afresh with new stock. Most of us at some time or another have had a bench or two of plants that we have felt mighty good toward and loth to throw out, but any carried-over plants that I have seen have not measured up well enough to the new stock to be temptation enough for me to try the experiment of carrying carnation plants through the second season. Should Young Grower decide to try the experiment I would advise him to try it on a small scale this season, so that if it is not a success there will not be much loss. Take one end of a bench and put a cross board to separate the soil in the old from the new. All the withered leaves should be removed from the plants and the shoots placed in the rings to allow for a free circulation of air. If the plants are very heavy in bloom or bud at this time some of them will have to be cut away to assist the plants to make growth, it being the same with these old plants as with the younger ones—the more healthy shoots a plant can be encouraged to make, so many more flowers it means later on. Remove a little of the surface soil from the bed (but not deep enough to cut into the roots), then

THE ROSE.

Summer Care of the Plants.

At this date, July 10, most of the indoor roses have been planted, and the winter crop now depends principally on the care of the stock during the summer months. To begin with, we think the first important thing is to put in any lights of glass that cause a leak on a bed, or bench, for very often a weak spot, covering several square feet of surface, is the result, which may in time start a case of black spot, mildew or something that will spread through the whole bed or house; and if these leaks are allowed to remain, the plants that catch the drip will show the effects plain enough. So to repeat, put in all the missing lights at once.

All of the young stock should be cultivated once every week, stirring the surface of the soil to a depth of about an inch. Do not try to plow up the soil, for it's the surface that requires cultivating. Of course, the grafted stocks should be tied as soon after planting as one can get around to it, otherwise quite a number of the plants may become broken when spraying them, and do not delay the tying of the own root stock until it lies around and gets its first and lasting dose of red spider; tie them all and then one can control the situation. We all know how important it is to



AMERICAN SWEET PEA SOCIETY, BAR HARBOR, ME.

One of the Exhibits.

mulch with a live, fresh soil, being careful not to get it up close around the stem of the plant. Watch a little closer as regards watering to give the plants a chance to throw out roots through the new soil. Care must be given to keep the plants free of red spider or thrip—syringe frequently during very hot weather and ventilate freely at all times. C. W. JOHNSON.

YOUNGSTOWN, O.—Walter E. Holtzman Co. are planning to open one of the largest florist establishments in this city in the near future.

have a house of plants producing evenly, giving a good, strong cut from one end to the other, each plant delivering the goods, so to speak. In order to do so they must be handled judiciously, and the pinching process must be fairly well understood in order to even up the size of the plants throughout the house.

There are two ways of doing this work that are in general practice, which differ but slightly in the general result. One is to take the buds when they are almost showing colors; the other is to snap out the buds as soon

as they begin to form, while the growth is quite soft. As before stated, there is no harm done in using either method, taking most of the varieties that are now grown commercially, and with one exception there is little choice, the exception being American Beauty. This variety seems to break free if the buds are allowed to show a little color, ripening the wood pretty well before pinching. The Killarneys, we think, after many years' experience in handling this rose, make longer stems by pinching the soft growth, but seem to drop more foliage at times, than by taking the buds when the wood is fairly well ripened. The thing is to go over the plants every week and keep the buds pinched; do not do this in a careless, haphazard way, but be careful and remove the bud back to a good firm eye, which will build up the plant with good strong flower-producing growths. Just snipping out the buds at the tops of the growths does not build up a plant, as there will be too much brush or twiggy turgid growth that is rather deceiving to look at, but quite often a plant heavily clothed in foliage is doing very little producing. So look after the pinching personally or see to it that the work is carried out properly. To even up the plants do not be in a hurry to let the smaller ones bloom, but it is yet quite early to start on this subject as there are some other things to look after at the present time, and one important thing is the carrying over proposition. Any range these days can carry plants over from two to five or more years successfully, especially the Killarneys, although better results are perhaps obtained by discarding the plants after the third year, unless the plants are grown on tables for one or two seasons, then lifted carefully and planted in absolutely fresh soil in the solid borders. This is a splendid method of handling the stock for four seasons, and we think handled in this way, the plants are much more productive the first season on the raised benches than if planted at first in the solid borders. They get to going quicker, and are much easier cultivated while they are developing. Then by taking the strong one- or two-year-old plants from the raised benches (which can be done without disturbing the roots but very little) and placing them into good fresh soil, then pruning, they cannot help growing if the proper attention is given them, and we think that for a grower lacking experience this is perhaps the easiest method yet devised to handle the rose indoors.

Now a few suggestions as to pruning. One year old plants should be pruned rather hard. They will be just as productive and be low enough to handle easily. If the plants have been running for two seasons without pruning, then some of the best wood will be up higher on the plants, so it will not do to prune them so severely. Plants one year old can be pruned from 12 to 16 or 18 inches from the ground, according to the eyes selected but one should not attempt to prune a bed of roses to look like a privet hedge; if pruned properly there will naturally be considerable irregularity in the height of the plants. A rough suggestion would be to leave the very strongest wood in each plant, cut away all spindly, twiggy stuff at the base, leave from two to three eyes on

the growth that is pruned, and the outside eyes at the top as often as possible. If a plant has from three to five growths, prune to two good eyes at each growth. We do not mean next to the ground, but the growths made during the past season which is found in one year old plants from 12 to 20 inches from the soil. If a plant has only one main cane, or perhaps two, follow these up until they branch off and leave a head with as many eyes as the better built up plants referred to above. One will have to depend on his own judgment when pruning, but a trip at this time to any of the big growers would be good business for the beginner, as he could see the work being done in an up-to-date manner, which would be of more benefit than all the suggestions I could mention, but by reading these suggestions, and using one's head, there is no reason why the trick should not be turned in a very creditable manner.

After pruning, the plants will not require a great amount of water for 10 days or two weeks. If they have been rested for several weeks; just spray the wood and sprinkle the surface of the soil until the first growth is ripening. Too much water without any new root action will cause the foliage to burn off as fast as it is made, so go slow, increasing the amount of water very gradually. After the wood ripens somewhat, that is, the new growth, the water supply can be increased, and up to this time it will not be necessary to top-dress the soil on the one-year-old plants. Then apply a light mulch to strengthen the second growth. The two-year-old plants should have about two inches of fresh composted soil placed on the beds, removing that amount of the old soil. This should follow the pruning immediately and rushed along so as to expose the roots for the least possible time. Pack firmly and water the same as suggested for the other carried over plants. E.

CHRYSANTHEMUMS

Bench Plants For Cut Blooms.

The plants in the benches, being grown for cut blooms, are now pushing ahead, giving the grower in charge plenty of work to keep him busy at all times. The early planted plants have now attained a vigorous growth of stem and foliage, needing close attention to every part of the general routine in caring for them, so that they will not receive a check from any cause whatsoever—the one very important part in the culture of chrysanthemums is to keep them in steady active growth all the time during their growing period.

One of the most important items in their care is to see that the plants are properly supported. This may be done by any method to suit the grower's idea. Some use the cane stake for supports, while others use galvanized rods, supported at the top with wire running lengthwise of the bench. Some prefer to use upright strings, fastened to wires running lengthwise about eight feet above the bench, and again to cross bench wires at each row of plants. The plants are then

fastened to the strings by tying or by small wire rings. These wire rings are a very simple and labor saving device for fastening the stems to the strings. They are made by winding some thin copper wire around a piece of 5/8-inch gas pipe, then cut along one side of the wire, which makes a lot of rings with an opening on one side. They are then placed around the stem of the plants and the string, and squeezed together, allowing plenty of room for the swelling of the stem. They can be put on in half the time it takes by the old method of tying the plants with raffia or string, and when it comes time for cutting the blooms, a slight jerk will release the stem from the string and the rings fall to the bottom.

Another important part of the plants' care that needs the grower's close attention is that of removing the side growths, which sprout out at every leaf as the growth of the plant proceeds. It is a hot job under the boiling sun, but it must be done when needed, so as to give strength to the plant and insure its maturing its wood to bloom at its proper season. Close attention to this work also helps the plants to set their buds for taking at the right time.

Syringing and watering are other important factors in the well-being of chrysanthemums. They need plenty of water, especially during very hot weather. Syringe two or three times a day on hot days, and keep the soil at the roots in a moist condition, but do not overwater, because they do much better when the roots have sweet fresh soil to work in. Chrysanthemums delight in a firm foundation of soil; an opposite condition will cause a long-jointed, soft growth that will be hard to control later on, and when the plants appear to be taking on a soft growth it is a good plan to pound the surface of the beds a little to make them more firm.

The early planted stock is now well advanced in growth. With the roots in full control of the soil, a surface mulching of well rotted manure, put on at this time, will be very beneficial to the growth of the plants, as well as serving as a protection for their roots from the heat. It is best not to mulch too heavily, because this creates a clogged condition of the soil below, causing too much surface root action, which leads to a big crop of sucker growths. Spread the material evenly over the surface of the beds, being careful that it does not settle in heaps around the stem of the plants. Some of these early planted plants will soon commence to set their July or summer buds. These should be removed as soon as they appear to give the plants every opportunity to make growth for producing a later bud on time.

The principal work with the June-planted beds is to encourage the plants' growth by clearing out the weeds from the soil and keeping it open by frequent surface scratching; also attending to the supporting and picking out the side shoots. Any planting yet to be done, whether it be early, mid-season or late varieties, should be attended to without any further delay. The plants will be a great deal better off planted than standing in small pots this very hot weather.

As the hot weather comes, so comes the black aphid and other pests, and the only way to keep them checked is by regular spraying with the insecticides. It is a good plan to spray each bed once a week. By keeping this up regularly there will not be much chance for the insects to get a foothold.

Topping should be discontinued on the pompons that have made a good number of breaks, and allow the shoots to come up so that they will produce good long stem sprays. It is not a wise policy to let the pompon plants carry too many shoots, because many of them will be thin and spindly, and of little value. Judgment should be used according to the size and strength of the plants.

Plants being grown as specimen bush plants, either for exhibition or sale, need particular attention during this period of their growth. The time remaining for pinching back the growths is only another two or three weeks; after that time, the shoots must be allowed to go on to make growth to insure a large plant. Extra care is also necessary as regards the watering of these plants. They must not be allowed to wilt for the want of water and ample syringings given to maintain a moist, growing atmosphere.

C. W. JOHNSON.

Houston Convention Notes.

The Mexican situation was called to my attention so often on my short visit to St. Louis and Kansas City that I take this opportunity to explain and answer some of the questions asked me regarding the war with Mexico and the effects it will have on the S. A. F. convention at Houston.

First of all, there is no war and we do not expect any. Second, should there be real war between the United States and Mexico, bear this in mind—that the nearest point to the war zone is nearly 400 miles and at best no hostile Mexican army or bandits could come 400 yards into Texas before some Texas ranger or United States soldier would name him "Dennis."

Practically all the government troops have been moved to the border, all traffic is at normal, and there is no reason why this great convention, the first ever held in the south, should not be attended by the largest delegation from every state ever sent out to a national florists' convention. The Texas florists greet you, the Houston florists will meet you, and will make your stay pleasant and long to be remembered.

While we have sunshine in Texas, and it gets warm (will here use an expression of a Nebraska soldier), "It is hot out here, but we always have a breeze and therefore do not perspire." Can you say more of your climate? Enough said. Come to Texas, to Houston, and you will want to come again.

Dallas, Tex. OTTO LANG.

ELGIN, ILL.—Edward Woodrich has taken the position of florist at the state hospital here.

ST. PAUL, MINN.—The many friends of O. J. Olson, of Holm & Olson, will be pleased to learn that his health is fully restored.

CHESTER, PA.—The Rosery Flower Shop has removed from 704 Market street to more commodious quarters at 8 West Seventh street.

OBITUARY.

John William Poehlmann.

John William Poehlmann, president of Poehlmann Bros. Co., well-known Chicago wholesale florists, died at his late residence, 4728 Beacon street, July 14, aged 49 years. He was born in Milwaukee, Wis., of German parentage, and was associated with his father, John George Poehlmann, in the retail grocery trade in that city until 1890, when he and his brothers, Adolph and August, formed a partnership and started in the florist business at Mor-



The Late John Poehlmann.

ton Grove. The deceased looked after the sales end, the growing details being in the hands of his brothers. A distributing station was established in the basement of the quarters formerly occupied by the Geo. Wittbold Co., at 1309 North Clark street. The business was a wonderful success from the start, and in 1901 was incorporated under the name of Poehlmann Bros. Co., with a paid-up capital of \$90,000. Shortly after, they moved to more commodious downtown quarters, at 30 East Randolph street, but their ever increasing business made another change necessary and they moved to their present location at 72-74 East Randolph street.

John Poehlmann was exceptionally industrious, and aided by his energetic brothers, established the largest wholesale cut flower business in the country, the range of houses at Morton Grove, 14 miles from Chicago, consisting of more than 2,000,000 feet of glass devoted exclusively to cut flowers and plants. In addition, the supply department, which was added a few years ago, as a matter of accommodation to their many customers throughout the United States and Canada, has grown to splendid proportions, and the high reputation enjoyed by the company today throughout the trade is a fitting testimonial to John Poehlmann and his brothers, who embarked in the business with very limited capital.

Up to about a year ago, the deceased was active at the store, but at that time complained of not feeling well and it was thought he was suffering from appendicitis. An operation, however, revealed the cause of his illness to be a severe case of cancer of the stomach. He has been gradually failing

in health for some time and dropped in weight from 240 pounds at the time of the operation to 120 pounds at death. His condition was known to be serious for some time, and his many friends have been anxious about him, but notwithstanding the fact that he suffered untold agony, bringing to him the realization that the end was not far off, he never complained and bore up with the same determined spirit that characterized his successful life.

John Poehlmann was married in 1894 to Miss Frieda Ottenbacher, of Morton Grove, whose death occurred June 11, 1898. Six years later he was married to Miss Emma Parker, a sister of Mrs. Guy French, who with two children by his first marriage, John, aged 21, and Frieda, aged 20, survive him. He also leaves four brothers and two sisters: Gustave, Adolph, George, August, Mrs. Lena Reimers and Mrs. Bertha Hoppe.

The funeral was held from the residence on Beacon street, with interment in the family lot in Graceland cemetery, J. C. Vaughan, C. L. Washburn, Andrew Chronis, August Lange, E. F. Winterson and Ed Enders acting as pallbearers. The honorary escort was composed of E. C. Amling, George Asmus, M. Barker, L. R. Bohannon, A. H. Budlong, Chicago; Philip Breitmeyer, Detroit, Mich.; Alpha Elberfeld, Kansas City, Mo.; P. J. Foley, O. J. Friedman, H. B. Howard, John Mangel, J. H. McNeilly, John Muir, H. O. Nichols, E. A. Ollinger, J. Pickett, Peter Reinberg, A. L. Randall, Arnold Ringier, C. A. Samuelson, W. J. Smyth, Ernst Wienhoeber, George Wienhoeber and Louis Wittbold, Chicago. The services were largely attended, and showed the high esteem in which Mr. Poehlmann was held by a wide circle of friends and business associates. The floral tributes were many and included some very handsome designs, every wholesale house in the Chicago market, as well as from outside points, together with many firms not in the trade, sending a final token of esteem. The burial was on a beautiful summer day, and as the officiating clergyman said his farewell prayer over the remains, a brown thrush on the top of one of the lofty trees nearby sang the requiem.

W. E. Dallwig.

W. E. Dallwig, the well known seedsman of Milwaukee, Wis., died at his home in that city, July 13. Mr. Dallwig had been ill for about five months, suffering from cancer of the stomach, so that the end was not wholly unexpected. With the assistance of his family, Mr. Dallwig had built up a nice trade, embracing all departments of the seed business. Born at Branch, Manitowoc county, Wis., in 1854, he located in Milwaukee in 1875 and entered the shoe business there. In March, 1883, he engaged in the seed business at 34 Juneau avenue in a small way, still retaining his interest in the shoe business. In 1886 he disposed of his shoe interests and extended the seed business until it now includes all lines of vegetable and flower seeds, bulbs, nursery stock, supplies, etc. In 1899 he built a new store affording five times the floor space of the former building. His first catalogue, a four-page folder, was issued in 1886. In recent years he has mailed a full assortment of lists in English and German.

The funeral, held July 15, was private with interment at Wanderers' Rest cemetery. The floral tributes from the trade and friends were numerous and beautiful. Mrs. Dallwig, two sons and three daughters survive, and it is understood Court Dallwig will continue the management of the business, which will go on as usual.

SOCIETY OF AMERICAN FLORISTS.

Programme of the Thirty-Second Annual Meeting and Exhibition to be Held in the Auditorium, Houston, Texas, August 15-17, 1916.

TUESDAY, AUGUST 15.

FIRST DAY—OPENING SESSION—2 P. M.

Opening exercises in Convention hall.
Convention called to order by Vice-President R. C. Kerr.
Invocation by Rev. W. S. Jacobs.
Address of welcome by Hon. Ben Campbell, mayor of Houston.
Response, Angelo J. Rossi.
President Daniel MacRorie's address.
Reading minutes of executive board.
Report of the secretary.
Report of the treasurer.
Report of the Washington representative.
Reports of other committees.
Reports of state vice-presidents.
Considerations of invitations for next place of meeting or places of meeting if the amendment to by-laws is adopted.

EVENING SESSION—8:30 P. M.

Balloting for meeting place for 1917 and also for 1918 if amendment is adopted. Voting takes place at Rice hotel.
Reception to President MacRorie at the Rice Hotel. Music; dancing, refreshments. Strictly informal.

WEDNESDAY, AUGUST 16.

SECOND DAY—MORNING SESSION.

Annual meeting of The Ladies' Society of American Florists, and visit to the market and shopping district—9 a. m.
Meeting Florists' Telegraph Delivery—9 a. m.
Session S. A. F. and O. H.—10 a. m.
Report of the committee on the president's address.
Discussion.
Report of the national flower show committee. George Asmus, chairman.
Discussion.
Nomination of officers for 1917.

AFTERNOON—SECOND DAY—3 P. M.

No business sessions.
Automobile ride about the city for ladies and gentlemen.
Judging of trade exhibits.
Judging exhibits convention garden.

EVENING—SECOND DAY.

Official opening of convention garden.
Special moving picture show for S. A. F. members at Queen theater.
Band concert at Sam Houston park.

THURSDAY, AUGUST 17.

THIRD DAY—MORNING SESSION—10 A. M.

Election of officers for 1917. Polls open 10:00 A. M. to 11:00 A. M.
Question Box—Deferred business.
Report of the judges of the trade exhibition and the convention garden.
Ladies' natatorium party, followed by refreshments on the Rice roof garden.
NOON.
Rotary florists and all S. A. F. members lunch with the Rotary club, Rice hotel roof garden.

AFTERNOON AND EVENING.

Trip to the battle grounds down the ship canal by boat, which leaves Harrisburg at 3:00 p. m., reaching Harrisburg by trolley. Barbecue served on the battle grounds. A number of sports for the members.
Return trip by boat during the evening.

FRIDAY MORNING, AUGUST 18.

"Buyers' Day."

Spend the morning among the trade exhibits and convention garden.
Bowling party for gentlemen at Turner hall.

FRIDAY AFTERNOON.

Leave 2:00 p. m. for Galveston by interurban, special cars. Dip in the surf. Dinner at the Hotel Galvez at 8:00 p. m. Special cars return to Houston 11:00 p. m.

OFFICERS FOR 1916.

President.....Daniel MacRorie, San Francisco, Calif.
Vice-President.....R. C. Kerr, Houston, Tex.
Secretary.....John Young, New York
Treasurer.....J. J. Hess, Omaha, Neb.

EXECUTIVE BOARD.

Term Expiring 1917. W. J. Keimel, Elmhurst, Ill.
J. J. Hess, Omaha, Neb. (Serving unexpired term of R. C. J. A. Peterson, Cincinnati, O. Kerr, Houston, Tex.)
Term Expiring 1918. William R. Nicholson, Framingham, Mass. Angelo J. Rossi, San Francisco. Charles L. Baum, Knoxville, Tenn.

DIRECTORS UNDER AFFILIATION.

To Serve One Year.

S. S. Pennock, president American Rose Society.
Joseph H. Hill, president American Carnation Society.
Irwin Bertermann, president Florists' Telegraph Delivery.
Henry Weston, president New York Florists' Club.
George Burton, president Florists' Club of Philadelphia.
Eric James, president Pacific Coast Horticultural Society.
E. G. Hill, president Florists' Hail Association of America.
Alex. Henderson, president Chicago Florists' Club.
Ex-officio, Patrick Welch, Boston, Mass.

Washington representative, Wm. F. Gude, Washington, D. C.

NATIONAL FLOWER SHOW COMMITTEE. Term expires

Thomas Roland, Nahant, Mass.Dec. 31, 1916
Chas. H. Totty, Madison, N. J.Dec. 31, 1917
George Asmus, Chairman, Chicago, Ill.Dec. 31, 1918
Adolph Farenwald, Roslyn, Pa.Dec. 31, 1919
Wm. P. Craig, Philadelphia, Pa.Dec. 31, 1920
Patrick Welch, Boston, Mass.Dec. 31, 1921

STATE VICE-PRESIDENTS.

Alabama—W. B. Paterson, Jr., Montgomery.
Arizona—John C. Howe, Tucson.
Arkansas—Thomas Shelton, Fayetteville.
California—Hans Plath, San Francisco—North.
California—Fred Howard, Los Angeles—South.
Connecticut—H. C. Neubrand, Cromwell.
District of Columbia—George H. Cooke, Washington.
Colorado—Emil Glauber, Montclair.
Florida—C. D. Mills, Jacksonville.
Georgia—A. C. Oelschlag, Savannah.
Idaho—Mrs. M. W. Krumm, Hansen.
Illinois—Leonard H. Vaughan, Chicago—North.
Missouri—Wm. L. Rock, Kansas City—West.
Montana—T. E. Mills, Helena.
Nebraska—Irwin F. Frey, Lincoln.
New Hampshire—Donald McLeod, Concord.
New Jersey—J. G. Esler, Saddle River.
New York—J. H. Pepper, Hempstead—East.
New York—S. A. Anderson, Buffalo—West.
North Carolina—J. Van Lindley, Pomona.
North Dakota—M. Bartholomew, Williston.
Ohio—G. W. Bate, Cleveland—North.
Ohio—C. E. Critchell, Cincinnati—South.

Illinois—E. W. Guy, Belleville—South.
Indiana—W. J. Vesey, Jr., Fort Wayne—North.
Indiana—G. R. Gause, Richmond—South.
Iowa—Roy F. Wilcox, Council Bluffs.
Kansas—Chas. P. Mueller, Wichita.
Kentucky—Geo. E. Schulz, Louisville.
Louisiana—Wm. Allen, New Orleans.
Maine—A. E. Thatcher, Bar Harbor.
Maryland—N. L. Flitton, Baltimore—North.
Maryland—George Morrison, Carroll P. O.—South.
Massachusetts—A. J. Loveless, Lenox—North.
Massachusetts—W. J. Kennedy, Chestnut Hill—South.
Michigan—A. J. Stahelin, Redford—East.
Michigan—John R. Van Bochove, Kalamazoo—West.
Minnesota—C. N. Ruedlinger, Minneapolis.
Mississippi—S. W. Crowell, Roseacres.
Missouri—F. H. Meinhardt, St. Louis—East.
Oklahoma—Lon Foster, Oklahoma City.
Oregon—J. B. Pilkington, Portland.
Pennsylvania—H. S. Betz, Philadelphia—East.
Pennsylvania—Ben. L. Elliott, Pittsburgh—West.
Rhode Island—Geo. L. Stillman, Westerly.
South Carolina—C. A. Moss, Spartanburg.
South Dakota—W. T. Marsh, Mitchell.
Tennessee—H. M. Joy, Nashville.
Texas—A. F. Koehle, Sherman.
Utah—R. Miller, Farmington.
Vermont—W. E. Peters, Burlington.
Virginia—F. Steinbach, Richmond.
Washington—J. W. Duncan, Spokane.
Wisconsin—W. A. Kennedy, Milwaukee.
Alberta—A. M. Terrill, Calgary.
Manitoba—H. E. Philpott, Winnipeg.
Ontario—H. Dilleuth, Toronto.
Quebec—Geo. A. Robinson, Montreal.
Holland—Wm. DeGraff, Hendrick, Leiden.
Cuba—William Plumb, Havana 35, Havana.

OTHER OFFICERS.

Botanist—John Dunbar, City Hall, Rochester, N. Y.
Pathologist—Geo. L. Peltier, University of Illinois, Urbana, Ill.
Entomologist—Dr. T. F. Headlee, N. J. Agricultural Experiment Station, Brunswick, N. J.
Superintendent of Trade Exhibition—John Young, 53 W. 28th St., New York.
Superintendent of Convention Garden—C. L. Brock, Houston, Tex.
Sergeant-at-Arms—Paul M. Carroll, Houston, Tex.

1916 CONVENTION ADVISORY COMMITTEE.

R. C. Kerr, Chairman.....Houston
Henry Greve.....Dallas
L. J. Tackett.....Fort Worth
Louis Oesch.....Dallas
F. W. Hensel.....College Station
T. J. Wolfe.....Waco
J. E. McAdam.....Fort Worth
H. O. Hannah.....Sherman
Bird Forrest.....Waxahachie
Chris. Houser.....San Antonio
E. E. Stone.....Dickinson

TARIFF AND LEGISLATIVE COMMITTEE.

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Thos. Roland, Nahant, Mass.
N. A. Benson, Denver, Colo.
F. L. Atkins, Rutherford, N. J.
* Deceased.

JUDGES FOR THE TRADE EXHIBITION.

To be appointed later.

JUDGES FOR THE CONVENTION GARDEN.

To be appointed later.

PAST PRESIDENTS.

*1884 John Thorpe. *1896 William Scott. 1907 Wm. J. Stewart.
1887 Robert Craig. 1897 Adam Graham. 1908 F. H. Traendly.
1888 E. G. Hill. 1898 W. F. Gude. 1909 J. A. Valentine.
1889 J. N. May. 1899 W. N. Rudd. 1910 F. R. Pierson.
*1890 J. M. Jordan. 1900 E. M. Wood. 1911 George Asmus.
1891 M. H. Norton. 1901 Patrick O'Mara. 1912 R. Vincent, Jr.
1892 James Dean. 1902 John Burton. 1913 J. K. M. L. Farquhar.
*1893 Wm. R. Smith. 1904 P. Breitmeyer. 1914 Theodore Wirth.
*1894 J. T. Anthony. 1905 J. C. Vaughan. 1915 Patrick Welch.
*1895 Edwin Lonsdale. *1906 W. F. Kasting.

* Deceased.

INFORMATION.

Hotel Headquarters—Rice Hotel.

Payment of Dues.

The Secretary's Office will be near the main entrance in Convention Hall, City Auditorium, where all members should report as soon as possible after their arrival in Houston. Members who have not paid their 1916 assessment can make payment at this office and receive the official badge button, but the work of the office will be greatly facilitated if members will make remittances to the secretary prior to the convention.

New Members.

Those desirous of becoming members of the society may qualify at the secretary's office and will be accorded the privileges of the convention.

The address of the secretary after July 15 will be 1001 Main street, Houston, Texas.

Life members' buttons will be sent to those entitled to same upon receipt of seventy-five cents, or they may be obtained at the secretary's office.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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THE late John W. Poehlmann, president of the Poehlmann Bros. Co., whose death is recorded in our obituary column this week, was a man of few words, but the marvelous growth and solidity of this concern speaks volumes for the constant hard work and perseverance of Mr. Poehlmann and the brothers associated with him in the business.

Florists' Telegraph Delivery.

A meeting of the Florists' Telegraph Delivery will be held in connection with the Society of American Florists' convention at Houston, Tex., Wednesday, August 16, at 10 a. m.

Kasting Building Burned.

Buffalo, N. Y., July 19.—Fire completely destroyed the Wm. F. Kasting Co.'s building. The firm had secured temporary quarters at 9 a. m. today and was doing business as usual at 493 Washington street.

WASHINGTON, D. C.—The senate has favorably reported a bill recommending a measure to devote East and West Seaton parks to the use of the botanical gardens.

E. O. ORPET, who has had the sympathy of the trade and the public through his time of trouble, will be pleased to know that all now rejoice with him and his family in the passing of the clouds.

New York Spring Show.

There was an enthusiastic meeting at the Manhattan hotel, July 10, of the joint committee representing the Horticultural Society of New York and the New York Florists' Club. Organization of the committee was completed by the election of T. A. Havemeyer, chairman; John Young, secretary and business manager; Frederic R. Newbold, treasurer.

The date on which the show will be held is March 16-23, 1917, and the place will be the Grand Central Palace, Lexington avenue and 46th street, where all recent large flower shows in New York have been held.

Secretary Young was authorized to proceed at once with the sale of trade space and to make preparations for the official souvenir programme. Charles H. Totty, F. R. Pierson, John Canning, James Stuart; William H. Duckham, George E. M. Stumpp; L. J. Reuter, Julius Roehrs and Fred L. Atkins were appointed a committee to prepare a preliminary schedule.

Many applications for space in the trade section have already been received at the secretary's office, and the prospects are that there will not be sufficient space in the plans as outlined to satisfy all the demands that will be made for same. It may be absolutely necessary to secure additional space on the third floor, but the arrangements made at present call for the use of the main floor and mezzanine floor only.

JOHN YOUNG, Sec'y.

Minneapolis Convention Garden.

Treasurer Hess of the Society of American Florists, who with his son Carl has just returned to Omaha, Neb., from a Wisconsin fishing trip, stopped off an hour or two at Chicago last week and gave same friends a glowing account of the Minneapolis park system which he had recently visited in the company of Supt. Wirth. The convention garden at Minneapolis, Mr. Hess says, is more beautiful this season than ever before and the rose garden, favored by a cool moist season, is a dream of delight. Mr. Hess has a memorandum of the varieties of roses which made the best showing at the time of his visit. It will be noted that this list given herewith contains many favorites of a generation ago.

Alfred K. Williams, Anna de Diesbach, Baroness Rothschild, Captain Hayward, Countess of Ilchester, Frau Karl Druschki, General McArthur, Gruss an Teplitz, Hugh Dickson, La France, Mabel Morrison, Mme. Charles Lutaud, Mme. Edm'd Rostand, Mme. Gabriel Luizet, Marie Finger, Mrs. George Dickson, Mrs. John Laing, Oscar Cordelf, Perfection des Blanchés, Pride of Waltham, Prince Camille de Rohan, Willomere, Xavier Olibo.

Midget was also noted as a fine variety for the margin of beds and borders.

New York to Houston.

The transportation committee of the New York Florists' Club has selected the following route for those who intend to attend the S. A. F. convention in Houston, August 15-17:

The S. S. "Morus" will leave New York, Wednesday, August 9, arriving at New Orleans, Monday, August 14, whence the journey to Houston by train, the Sunset Limited, is only 11 hours. The rate will be \$80 to \$83 for the round trip from New York City to Houston, which covers the trip by steamer to New Orleans, train to Houston, then by all rail returning. Those who desire may also return by boat. This rate includes berth and meals on steamer, but not on trains.

As this is evidently the route favored by most of those who intend to go, it is hoped that all members of the New York Florists' Club and friends from the eastern section of the country will travel in this party. The transportation committee is composed of Chas. H. Totty, chairman; John Young, Wm. C. Rickards, Jr., and J. R. Lewis.

As the steamship traffic on this line is heavy at this season, it is necessary that all reservations be made well before August 1. Make your reservations at once if possible. Further information will be gladly furnished by J. R. Lewis, secretary of transportation committee.

Chicago to Houston.

GREATLY REDUCED ROUND TRIP RATES.

After showing considerable lack of interest in the coming convention of the Society of American Florists the railroad organizations identified with transportation between Chicago, St. Louis, Kansas City, and Houston, have awakened and at the last moment given our national society the consideration to which it is entitled, granting greatly reduced round-trip rates to the convention city as follows:

Chicago to Houston and return	\$46.65
St. Louis to Houston and return	34.65
Kansas City to Houston and return	32.00

The Chicago party occupying special cars will leave via the Wabash Midnight Banner Express at 11:55 p. m., Sunday, August 13, and arrive in St. Louis at 7:40 Monday morning. The special cars will be attached to the Iron Mountain Texas Limited, leaving at nine o'clock, due at Houston, Tuesday, August 15, at 2 p. m., in time for the opening session.

Round trip tickets from Chicago going August 12 or 13 are good for 25 days. The charges for Pullman sleepers from Chicago are as follows: double lower berth, \$6.75; upper berth, \$5.40; drawing room, \$24.

CIRCLE TOURS.

One can purchase a circle tour ticket which permits going to Galveston (with a stop at Houston), boat from there to New York, a seven-day cruise on the Mallory Line, including one-day's stop over at Key West, and return to Chicago, via Niagara Falls and Detroit; or via Philadelphia and Washington. One can also take the Atlantic Line from New Orleans direct to New York, a five-day trip, and from New York as above mentioned. Cost of either of these tours is but \$80. Meals and berth on boat are included.

For further details, Pullman reservations, and other particulars, address H. L. Purdy, care of Wabash Railway Co., 808 Edison building, Chicago. Telephone, Harrison 4500.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.
For Plant Advs., See Ready Reference Section.
 Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Head gardener with twenty-seven years' of experience. Married, no children.
 JOHN FABIAN, 4126 Carroll Ave., Chicago.

Situation Wanted—Open for engagement as foreman or manager, all around man qualified to take charge and produce results.
 Key 652, care American Florist.

Situation Wanted—Designer, storeman and all around florist. Good habits, excellent references. Life experience. Willing to hustle; expect good salary.
 Key 650, care American Florist.

Situation Wanted—A1 salesman and designer, capable of taking complete charge. Do not answer unless you are willing to pay \$30 a week or over. Ready to start immediately. Address
 Key 643, care American Florist.

Situation Wanted—As head gardener, with 20 years' experience in all branches of gardening; thoroughly experienced in growing all kinds of fruits, vegetables, flower gardens, care of greenhouses and lawns; married, age 37; private place preferred.
 EDWARD ADAMS,
 care Jelke Dairy Farm, Dundee, Ill.

Help Wanted—Well posted grower of Perennial plants.
 VAUGHAN'S SEED STORE, CHICAGO.

Help Wanted—At once a practical grower of roses, carnations and pot plants for a retail place. I want a man that is capable of earning his salary.
 HUGH SEALES, Birmingham, Ala.

Help Wanted—In a western city of 400,000 inhabitants, a competent greenhouse manager. Must be a man of good habits and fully capable in all branches of the business. References required as to ability, honesty, etc. Address, giving desired information and salary expected.
 Key 648, care American Florist.

Help Wanted—An experienced nursery salesman, one thoroughly acquainted with the nursery business, accustomed to soliciting from private people; a good closer, able to close a sale when others cannot do so. Must be actively engaged in the business at the present time.
 THE ELIZABETH NURSERY CO.,
 Elizabeth, N. J.

Help Wanted—A competent assistant foreman, who thoroughly understands the nursery business and has had experience in this line, accustomed to waiting on private people, accurate in getting up orders, a good, thorough, active man who will take an interest in his work.
 THE ELIZABETH NURSERY CO.,
 Elizabeth, N. J.

For Sale—40 Boxes, 12 x 12, second-hand, Double Strength A Glass. Cash with order. \$1.50 per box for the lot, or \$1.75 in smaller quantity.
 O. L. BAIRD, Dixon, Ill.

Wanted to Buy or Rent—Small range of greenhouses within 20 miles of Chicago.
 M. BERGSTROM, 3220 N. Halsted St., Chicago.

Wanted to Rent—A small range of greenhouses in Chicago on the north side. For further particulars address
 Key A, care American Florist.

HELP WANTED

Outside Foreman, private estate; house furnished a man with executive ability and able to handle men. Address
 Key 649, care American Florist.

CHICAGO WHOLESALE MAN WANTED.

One who has a following among the growers and controls some city or shipping trade. None but an A1 man need apply, and full particulars must be stated in first letter. State whether single or married, where you have been employed and what your daily sales amounted to. This is opportunity knocking at your door—It will only knock once—So if you are interested answer at your earliest convenience.

Key D, care American Florist.

Help Wanted—For the Mt. Pleasant State Hospital, Mt. Pleasant, Iowa, a middle aged, thorough, practical gardener, one who can produce an abundance of vegetables on a large scale and care for fruit trees, vineyard and berry bushes. There are large hotbeds, some artificially heated. Plenty of men to assist with the work; must be a good manager of help. None but experienced, first-class men need apply; must be sober and industrious. Write giving full experience in first letter. Good salary to begin with, house rent, light and water.

MT. PLEASANT STATE HOSPITAL,
 Mt. Pleasant, Iowa.

Chicago Wholesale Florist

Wants to get in touch with a good man capable of calling on growers and handling city trade—one with previous experience and who has the confidence that he can qualify preferred. Full particulars must be included in first letter and all replies will be considered strictly confidential.

Key 647, care American Florist.

FOR SALE

Two boilers, size 72 x 18,
 150 H. P., in good condition.
The Erie Brewing Company
 ERIE, PA.

FOR SALE.

Five second-hand tubular boilers, from 80 to 125 horse power; three of them nearly as good as new.

Illinois State Normal University,
 Normal, Ill.

NOTICE

—OF— STOCKHOLDERS MEETING

CHICAGO, July 15, 1916.

Stockholders of the American Florist Company:

You are hereby notified that the annual meeting of the stockholders of the American Florist Company will be held in the Rice Hotel, Houston, Tex., Wednesday, August 16, 1916, at 3 o'clock p. m., for the purpose of electing directors and officers for the ensuing term and for the transaction of such other business as may come before the meeting.

J. C. VAUGHAN, Pres.
 M. BARKER, Sec'y.

Tuberose Bulbs Wanted

A leading French seed firm desires to buy American tuberose bulbs.

Please send offers to

Key 651 care American Florist.

HERE IS AN OPPORTUNITY

for the right man to buy a half interest in a rapidly growing and established wholesale commission house. Purchaser must have at least \$10,000, but it will not be necessary to place it all in the business. What is desired most is a man capable of doing his share to build up still further our ever increasing business. Books are open for inspection and will show a very healthy condition, and a big profit since the start. Curiosity seekers and fellows without the coin need not answer for unless full particulars are stated and credentials enclosed in the first letter all replies will be tossed in the waste paper basket.
 Key C, care American Florist.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada

Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO

You need it now for names and addresses.

Pittsburgh.

LITTLE STOCK AND NO DEMAND.

Business, if we may call it that, is at its worst so far this year. The torrid heat has knocked the bottom out of both business and good flowers, the past week being an exceptionally hot one, hovering between the 90° and 95° marks. The few that remain on the job these hot days are finding it mighty hard trying to keep cool—or busy. The height of the vacation season is at hand, and the absence of so many of our florists has no effect on things. There is not much of a variety offered by the local dealers. Both roses and carnations are barely visible to the naked eye, and gladioli and lilies are about all that complete the assortment. Asters have shown up at last, but not to much of an extent. They are late starting this year, by the way. Most of the asters used in the city come from the western New York section, with a season two or three weeks later than in our locality. But, nevertheless, everybody is complaining of "poor business."

NOTES.

Ed. McCallum, Ross Adgate and Clarence Phillips have returned from a highly enjoyed trip through the Cheat River country. Their object was a fishing expedition, but claim they enjoyed rambling around the mountains in a Ford much better than the fishing.

Sam Cape writes from Atlantic City that the "water is fine." Mr. Cape will extend his trip to New York City and Catskill mountain resorts, combining both business and pleasure. He is accompanied by a party of friends, and will stay three or four weeks.

Harry Langhans, of the Blind Floral Co., will leave, July 29, for Washington, Baltimore and Virginia, to be gone two weeks. Dave Hill is back from a two weeks' rest taken at Ocean View, Va.

Both the Saxonwald Greenhouses and the Washington Floral Co. are cutting fine carnations of almost season quality. M.

Los Angeles.

DULLNESS FOLLOWS GOOD SEASON.

Business is beginning to feel the usual stagnation of summer, but all agree that it has held up later than last year. There will of course be times when some or all will be busy, but the usual quiet of the season is expected by all business men. Stock is still in good condition. New crop sweet peas and carnations, as well as other flowers, are now coming in.

NOTES.

O. C. Saake's whole force have been busy on funeral work on account of the death of J. Harry Pieper, a former president of the Los Angeles Ad Club, and a member of the Rotary Club, besides being a prominent Elk. Many of the funeral designs were in Elk colors, making a great demand for purple asters.

A window display of Golden West dahlias made quite a hit at the Redondo Floral Co. this week. The long stems and good keeping qualities of this variety are much appreciated. A. F. Borden is doing a few day's work at home, after which he will take to the mountains for a period.

Howard & Smith have a salesroom nicely decorated with large ferns and all the seasonable flowers. They are enjoying a fair trade.

Wolfskill Bros. & Morris Goldenson have been busy on funeral work. In fact they have had a great deal of such business of late.

S. Murata & Co. are still doing a good business in their long distance shipping, especially in dahlias, carnations and asters.

Messrs. Gt. van Waveren & Kruijff

WHOLESALE BULB GROWERS AND EXPORTERS

SASSENHEIM, HOLLAND

Beg to Introduce Their Latest
Novelties of Spiraea to the Trade

Gladstone,	in boxes of 25.....	\$ 6.50
Queen Alexandra,	in boxes of 25.....	6.50
Extra,	in boxes of 25.....	8.00
Mont Blanc,	in boxes of 25.....	8.00
Philadelphia,	in boxes of 25.....	8.00
Rhenania,	in boxes of 25.....	10.00

Delivery f. o. b. Philadelphia cold storage.

These Spiraea may be had in bloom by simple treatment any time you wish during the fall.

Price List of Bulbs, Spiraea, Dahlia,
Belgium Azalea, Etc., on application.

JACK VON GINHOVEN, Representative
14 Stone Street, NEW YORK CITY

Seki Bros. & Co. are picking a new crop of carnations. They are well stocked in all lines and do considerable wholesaling.

Wright's Flower Shop, Inc., have been showing a full stock in all lines, especially fine Mexican poppies.

G. H. H.

Rochester, N. Y.

JULY DULLNESS NOTICEABLE.

The usual summer lethargy has set in, and with the arrival of the warm days, the majority of those who are purchasers at the flower stores have gone to their summer homes or the lake and seaside resorts. Roses are getting poorer each week and most of them fly open at once when exposed to the heat. Kaiserin, Francis Scott Key, Hadley and Ophelia continue good, however. Carnations are also good considering the season. Sweet peas are improving in quality right along. There is little demand for lily of the valley and the supply is meager. Few Easter and calla lilies are seen.

NOTES.

Mark Aitken, the well-known florist of Springfield, Mass., accompanied by Mrs. Aitken and Mr. and Mrs. Bowles, were visitors July 14, touring New York state and homeward bound after attending the Shriners' convention at Buffalo.

Large gilt baskets filled with America gladioli and blue larkspurs were attractive features in a wedding decoration at one of the downtown churches last week, arranged by H. E. Wilson.

Horace J. Head has again resumed his duties at H. E. Wilson's Main street store.

Good business is the report at the establishment of Edwin C. Kaelbers.

The force at J. B. Keller Sons are taking vacations. CHESTER.

Providence, R. I.

FUNERALS MAKE GOOD BUSINESS.

Trade during the past week has been brisk, plenty of funeral work keeping everyone on the jump, and while weddings are not numerous there are still a few. Gladioli are now coming in, the Pink Beauty being especially fine. There are a few asters, but they are having no call so far. Carnations are getting scarce. Sweet peas are a drug on the market, some going as low as 20 cents per 100, while the best are quoted at 50 cents. Boston continues to make shipments of good roses to this market at one cent each.

NOTES.

The Westminster Greenhouses are planting two houses to Oconto and Chrysolora chrysanthemums. They are in fine shape. Their delivery car is being overhauled and repainted. This firm leads the florists in the early closing movement—every night at 6 o'clock, Saturdays included.

John F. Wood has been sick in the Parade street hospital, but is now reported well on the road to recovery.

Herbert A. Taylor, of the Macnair force, will leave for Block Island in a few days for a short stay.

George Fenner, of Cranston, is cutting good Asparagus plumosus.

H. A. T.

TERRE HAUTE, IND.—The Rosery Flower Shop has been incorporated by Edward Reiss, Robert Nitsche and Kenwood Dragton with a capital stock of \$5,000.

GARFIELD, N. J.—The Garfield Floral Co. has been incorporated by Isadore Shemin, Brooklyn; Samuel Shemin, Bayonne; Max J. Weinman and David Barnett, New York. The capital stock is \$5,000.

BAY AND BOXWOOD TREES

VERY CHOICE STOCK

BAY TREES

STANDARD OR TREE SHAPED

Stems	Each	Pair	Stems	Each	Pair
30-in..Crowns	24-in....	\$7.00 \$13.00	45-in..Crowns	30-in....	\$10.00 \$18.00
36-in.. "	24-in....	7.00 13.00	48-in.. "	34-in....	12.00 22.00
45-in.. "	26-in....	7.50 14.00	48-in.. "	40-in....	15.00 28.00

PYRAMIDAL SHAPED

5 ft. high, 24 in. diameter at base.....	\$8.00	\$15.00
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BOXWOOD PLANTS

IN TUBS

	Each	Pair
PYRAMIDS — 2½-ft.....	\$2.00	\$3.75
3-ft.....	2.50	4.50
3½-ft.....	3.50	6.00
4-ft.....	4.50	8.00
BUSH — 24-inch.....	1.25	2.35
30 inch.....	2.75	5.00
36-inch.....	3.75	7.00
10-inch (out of tubs), doz., \$3.00; 12-in., doz., \$4.00		
STANDARDS — 18-20-inch stem, 12 inch ball tops.....	3.00	5.50
12-in. stem, 12-in. crown.....	1.25	2.25
14-15-in. stem, 12-in. crown.....	1.50	2.75
GLOBE — 15x15-inch.....	2.75	5.00
18x18-inch.....	3.50	6.50
BUSH—Out of tubs —	Doz. Per 100	
12-inch.....	\$4.00	\$30.00
18-inch.....	6.50	45.00

Out of tubs 25c each reduction.

10 per cent discount allowed on Pyramids in lots of 10 or more.

10 per cent discount allowed on Bush shape in lots of 50 or more.



STANDARD BAY TREE.



PYRAMIDAL BOX TREE

CHICAGO

VAUGHAN'S SEED STORE

NEW YORK

Washington, D. C.

NO BUSINESS OF ANY KIND.

The trade in general is taking advantage of the dull times and everybody that can possibly do so is getting out of town, as there is no business of any kind to amount to anything. Gladioli and a few asters form the bulk of the stock.

NOTES.

J. Harper Heatherton, manager of the Washington Floral Co., is enjoying a vacation at Wildwood, N. J.

Otto Baur, manager of the local branch of the S. S. Pennock-Meehan Co., is enjoying a vacation.

A. A. Niessen is visiting this city and vicinity looking up growers for next season.

W. G. Galt, formerly of Philadelphia, is now in the employ of George C. Shaffer. G. C. D.

Nassau County Horticultural Society.

A sweet pea exhibition was held in conjunction with the monthly meeting of the Nassau County Horticultural Society at Glen Cove, July 12. While the exhibits were not very numerous, they were of very good quality and made an excellent display in the exhibition hall. James McDonald, Henry Gibson and Ernest Westlake acted as judges. Herbert L. Pratt (Henry Gaut, Gr.) was awarded first prize for 12 varieties of sweet peas, 12 sprays of each and for 6 varieties of sweet peas, 12 sprays of each and special mention for a collection of herbaceous flowers. W. E. Kimball (James McCarthy, Gr.) received first for 25 white, for 25 pink and for 25 red sweet peas and second for six varieties of sweet peas, 12 sprays of each. The society's prizes for 25 pink, 25 white and 25 any other color sweet peas were all won by Henry Gaut.

FERNS IN FLATS

In Best Varieties
for Fern Dishes.

\$1.50 per 100

100,000 READY NOW

Write for Wholesale Catalogue of

FERNS, KENTIAS, ETC., to

H. PLATH

"THE FERNERIES"

Lawrence and Winnipeg Avenues.

SAN FRANCISCO, CALIF.

It was decided to hold the annual chrysanthemum show in Pembroke hall, Glen Cove, November 2-3.

JAMES MCCARTHY, Cor.-Sec'y.

Caldwell, N. J.

Robert L. Roper, Jr., a son of Robert L. Roper of Summit, has the fine greenhouses that were erected some years ago on the Aubrey estate. He specializes in smilax and asparagus, and is growing fine stock.

In addition to a considerable glass area, Henry Rudolph has a nice retail store on Bloomfield avenue. He is often seen in the wholesale district of New York. A. F. F.

PANSY

Danish Grown Seeds

Non Plus Ultra Giants, containing only the very richest colors, mostly in dark brown and reddish shades, ¼ oz., \$1.25; oz., \$5.00.

Wrede's Giant German Mixture, splendid for market, contains many light and clear colors, ¼ oz., 90c; oz., \$3.50.

Bugnot's Giants, mostly yellowish colors in blotched and stained varieties, ¼ oz., \$1.25; oz., \$5.00.

Special Giant Mixture, containing the three above mixtures together with Odiers, Cassiers and other of the richest and newest Giant Pansies, ¼ oz., \$1.25; oz., \$5.00.

Giant Trimardeau, mixed, ¼ oz., 30c; oz., \$1.20.

Giant Trimardeau, in separate colors, each ¼ oz., 40c; oz., \$1.50.

Large Flowered, mixed, ¼ oz., 15c; oz., 60c.

New crop of Cyclamen Seeds will be on hand soon.

Danish Seed Import

CHRIS MOSBJERG

210 7th St. No., Minneapolis, Minn

Mention the American Florist when writing

If You are interested in Mid-Winter

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

Mention the American Florist when writing

Holland Grown Bulbs

HYACINTHS, TULIPS, NARCISSI, ROSE BUSHES, ETC.

Write for information about the **MAMMOTH AUCTION SALES** that we will hold during the coming Fall Season, of Holland's latest and choicest varieties.

The MacNiff Horticultural Company

52, 54 and 56 Vesey Street The Largest Horticultural Auction Rooms in the World NEW YORK CITY

Clifton, N. J.

The roses at Robert Simpson's range are very fine for this season, Ophelia, of which he grows a large area, being particularly noteworthy. William Henshaw, who has for several years been foreman at this range, has resigned and accepted a similar position with Harry O. May of Summit, N. J. Thomas Smith, who has been with Mr. Simpson for about 12 years, and is his brother-in-law, is now foreman.

Herman Mammitich, who for several years has been working the Lydecker range at Englewood, is back in Clifton, having bought the range formerly owned by William Young.

George Young has a large glass area and specializes in roses. He has been busy with improvements in the interior of several of his houses.

August J. Stolz, who started about two years ago, now has a neat range and is growing very good roses, also pot plants. A. F. F.

Connecticut Horticultural Society.

The last meeting prior to the summer vacation of this society was held in the County building, President Hollister in the chair. The recent flower show came up for discussion, and on motion of John F. Huss, the secretary was instructed to extend a hearty vote of thanks to the park department for the beautiful exhibits of bedding plants at the show. It was also voted to award Fred Boss, head gardener at Elizabeth park, a first-class diploma for the arrangement of the exhibit. President Hollister came in for a shower of praise from the members for his splendid success in handling the show. The following were elected to membership: Mrs. R. W. Gray, Mrs. George F. Hills, J. W. Beecher, all of Hartford, and Andrew Bromley, of New Britain. Adjournment was taken until September 22.

ALFRED DIXON, Sec'y.

Dumont, N. J.

John Park has a neat range and has a fine crop of chrysanthemums coming on. He also has considerable work in the cemetery which is near his range. He grows fine geraniums, as he should, he having worked a number of years for the late John Birnie of West Hoboken.

F. E. Kuhnert, formerly in the florist business in Hackensack, N. J., has taken the Barker greenhouse at New Meldford, near the Dumont line, and is growing asters and chrysanthemums under glass. A. F. F.

RACINE, WIS. — Henry Benz, well-known to the trade of Milwaukee, has purchased a half interest in The Flower Shop, one of the most popular retail establishments in this city.

BINGHAMTON, N. Y. — The first, and also final, dividend, amounting to seven per cent, has been declared in the matter of James W. Shearer, bankrupt.

CHRYSANTHEMUMS

Now Ready from 2¼-inch pots.

COMMERCIALS.

Golden Queen, Antique, Unaka, Marigold, Smith's Advance, Major Bonaffon, Golden Glow, Pacific Supreme, Naomah, Smith's Sensation, Early Frost, Oconto, Col. D. Appleton, Harvard, Edwin Seidewitz.

\$3.00 per 100; \$25.00 per 1000.

Chadwick Improved, Odessa, Eberon.

\$4.00 per 100; \$35.00 per 1000.

SINGLES.

Stanley Ven, Allegheny, Mrs. E. D. Godfrey, Polly Duncan, Clea, Miss Isabelle.

Price, \$3.00 per 100; \$25.00 per 1000.

Not less than 25 of a variety at hundred; 250 of a variety at thousand rate.

Reference or cash from unknown correspondents. These prices are to those in the trade only.

ELMER D. SMITH & CO.,
ADRAIN, MICH.

Mention the American Florist when writing

Grafted Roses

All the best varieties,
December propagation;
now ready, in 3-inch
pots.

Splendid Stock.

Charles H. Totty

Madison, N. J.

Mention the American Florist when writing

REX BEGONIAS

Choice collection of mixed sorts. Extra strong plants, ready to retail. 3-in. pots, \$1.00 per doz., \$8.00 per 100. Vinca variegata, 2-in., \$2.00 per 100. S. A. Nutt, 2-in., \$1.65 per 100; \$16.00 per 1000. Satisfaction guaranteed.

ELMER RAWLINGS,

Wholesale Grower

ALLEGANY,

NEW YORK.

Mention the American Florist when writing

Freesias

California

Grown



Vaughan's Improved
PURITY.



	Per 100	Per 1000
¾-in. and up..	\$2.00	\$18.00
½-in. to ¾-in..	1.75	15.00
⅓-in. to ½-in..	1.50	12.00

PURITY--True.

¾-in. and up..	1.75	15.00
½-in. to ¾-in..	1.25	10.00
⅓-in. to ½-in..	1.00	7.00

FRENCH FREESIAS

Ready for Delivery About August 1st.

	Per 100	Per 1000
Jumbo, ¾-in. and up.....	\$1.25	\$10.00
Mammoth, ½-¾ in.....	1.00	8.00

Bulbs From Cold Storage

VALLEY PIPS

	Per 100
Holland Grown.....	\$17.00
Danish ".....	20.00
German ".....	25.00

LILIUM ALBUM

	Per 100
8-9 inch.....	\$10.00
9-11 inch.....	15.00

Vaughan's Seed Store

CHICAGO

NEW YORK

Mention the American Florist when writing

Ipomoea Noctiflora

(MOONVINES)

2½ in. pots.....	\$5.00 per 100
3-in. pots.....	8.00 per 100

GODFREY ASCHMANN,

Importer and Grower of Potted Plants

1012 W. Ontario St., Philadelphia, Pa.

Mention the American Florist when writing

25,000 Chrysanthemums READY NOW

In over 20 varieties; early, medium and late, from 2 and 2½ inch pots, fine stock.

Late Cabbage plants, \$1.50 per 1000.

ALONZO J. BRYAN, Wholesale Florist.
Washington, New Jersey.

Mention the American Florist when writing

BURPEE'S SWEET PEAS

Early Winter-Flowering Spencers

After seven years of patient work at Fordhook Farms supplemented by careful trials at our Floradale Farms, it is our pleasure to offer to Commercial Growers, Burpee's New Early or Winter-Flowering Spencers, which we feel will give entire satisfaction.

The House of Burpee has long been recognized as "American Headquarters for 'Sweet Peas,' and the introduction of these Winter-Flowering Spencers marks an era in commercial Sweet Pea growing.

The novelties offered below, with the exception of "Yarrowa," are the results of crosses made at our Fordhook Farms during the past seven seasons, and all stocks are grown at our Floradale Farm, "The California Home of Sweet Peas."

Fordhook Pink and White—A color that is always in demand, similar to the old Blanch Ferry. Bright rosy-pink standard, wings almost pure white. The large flowers measure two and one-half inches in diameter and are perfect in form. A very early, free and continuous bloomer. Awarded Certificates of Merit at the Spring Show of the Pennsylvania Horticultural Society, Philadelphia, March, 1915, and the American Sweet Pea Society, San Francisco, June, 1916. $\frac{1}{4}$ oz., \$1.25; $\frac{1}{2}$ oz., \$2.00; oz., \$3.50.

Fordhook Pink—This is a distinct shade of pink suffused with lavender throughout. Flowers are large size, exquisitely waved, produced in threes and fours on long stems. $\frac{1}{4}$ oz., 40c; $\frac{1}{2}$ oz., 75c; oz., \$1.25; $\frac{1}{4}$ lb., \$3.50; $\frac{1}{2}$ lb., \$6.25; lb., \$12.50.

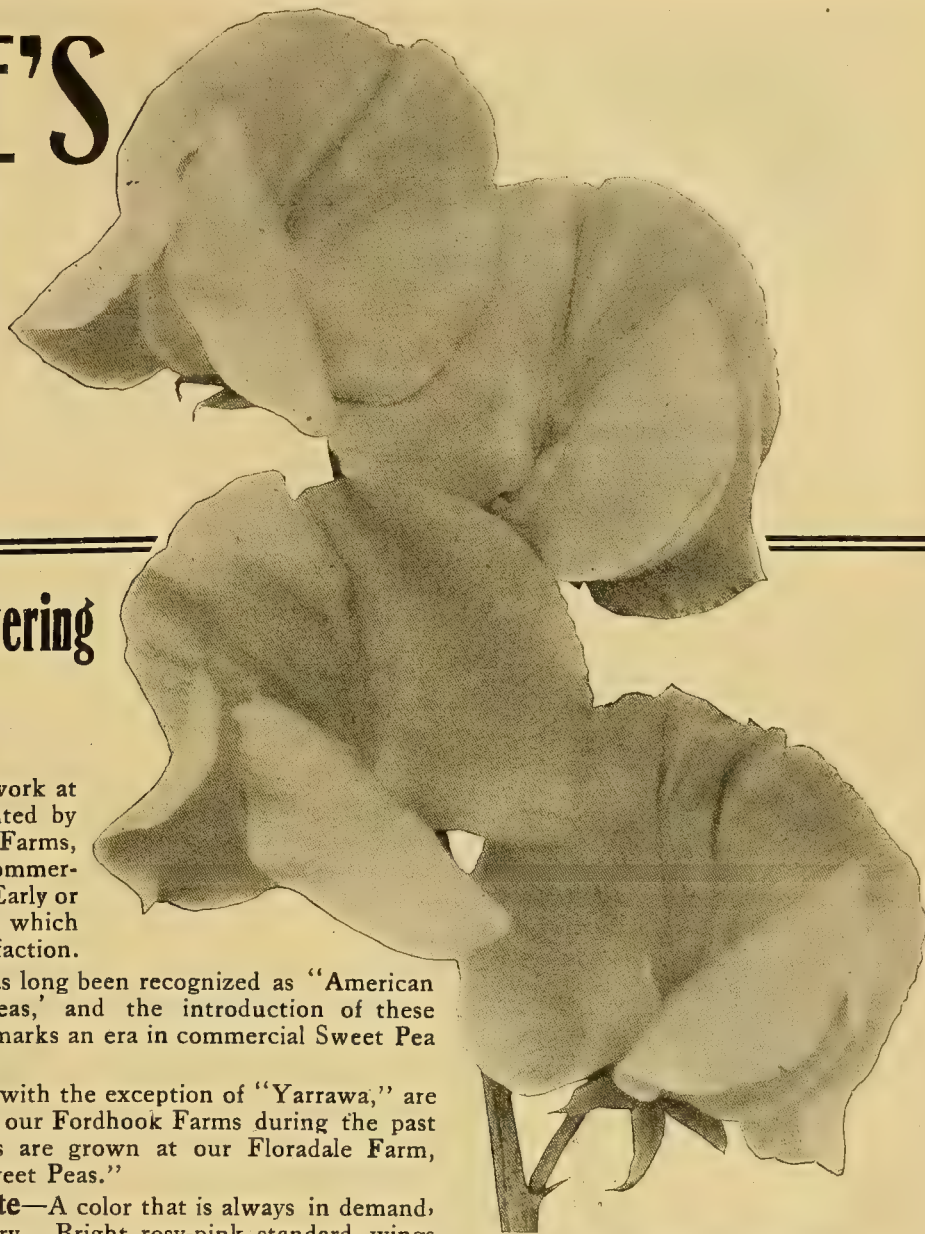
Fordhook Rose—Introduced by us in 1915. Flowers of largest size usually borne in threes and fours. A charming shade of rosy-carmine. Awarded a Certificate of Merit at the International Show in New York, March, 1915, and the Spring Show of the Pennsylvania Horticultural Society, Philadelphia, March, 1915. $\frac{1}{4}$ oz., 50c; $\frac{1}{2}$ oz., 85c; oz., \$1.50; $\frac{1}{4}$ lb., \$4.00; $\frac{1}{2}$ lb., \$7.50; lb., \$15.00.

Yarrowa—This magnificent Australian variety has proved its unusual merit with commercial growers in all parts of the country. It has an exceptional reputation as a "sure money maker." First exhibited by us at the great International Show in New York, March, 1914, and awarded a Certificate of Merit by the Pennsylvania Horticultural Society, March, 1915. Flowers exquisitely waved, averaging two and one-half inches in diameter, many of them being duplex or double. A bright rose pink with a clear creamy base. $\frac{1}{4}$ oz., 35c; $\frac{1}{2}$ oz., 60c; oz., \$1.00; $\frac{1}{4}$ lb., \$2.75; $\frac{1}{2}$ lb., \$5.00; lb., \$10.00.

F. M. HANSEN, Peoria, Ill., July 5, 1916, writes: "Among the Winter-blooming Spencer Sweet Peas which we had under culture for cutting last Winter, 'the best of the best' were your Yarrowa. Never have we seen anything so perfect and exquisite in every respect so, of course, we are wanting your seed again, only much more of it."

Our Special Leaflet on Winter-Flowering Sweet Peas Free on Application.

W. ATLEE BURPEE & CO., Seed Growers,
BURPEE BUILDINGS, PHILADELPHIA.



YARROWA—From a Fordhook Photograph.



Look over your Ledgers and ask yourself how you can make this year better than last

May we offer a few suggestions. Buy direct from large Growers, who can always handle your orders promptly and supply you with a good even grade of stock the year around.

BEGIN NOW.

Get your supply of Roses this summer from us. We can supply **RUSSELL, BEAUTIES, OPHELIA, WARDS, SUNBURST, MILADY, KILLARNEYS, HOOSIER BEAUTY, RICHMONDS** Also **VALLEY, CATTLEYAS, LILIES. EVERYTHING IN SEASON.**

CURRENT PRICE LIST—In Effect Now.

AMERICAN BEAUTIES. Per doz.	
Long	\$3.00
30-36-inch	2.50
24-inch	2.00
20-inch	1.50
Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00.	

OPHELIA, RICHMOND, MILADY, SUNBURST, KILLARNEY BRILLIANT, KILLARNEY, WHITE KILLARNEY, WARD. Per 100	
Long	\$8.00 to \$10.00
Medium	4.00 to 6.00
Short	2.00 to 3.00

MRS. CHAS. RUSSELL. Per doz.	
36 inches long	\$2.50
30 inches long	2.00
24 inches long	1.50
18 to 20 inches long	1.00
Short	per 100, \$4.00, \$6.00

CECILE BRUNNER OR SWEETHEART ROSE. Per 100	
	\$2.00

CARNATIONS. Per 100	
Fancy	\$3.00
Medium	2.00
Short	\$1.00 to 1.50

MISCELLANEOUS CUT FLOWERS. Per 100	
Asters	\$2.00 to \$4.00
Daisies	1.00 to 1.50
Lilies	8.00
Sweet Peas	.75 to 1.50
Gladioli	6.00 to 8.00
CATTLEYAS	per doz., 6.00
VALLEY	\$4.00, \$5.00 per 100
GREEN GOODS.	
Mexican Ivy	\$0.75
Smilax	2.50
Sprenger and Asparagus Sprays	2.00 to 3.00
Leucothoe	.75
Adiantum	1.00 to 1.50
Galax (bronze and green)	per 1,000 1.50
New flat ferns	per 1,000 1.50

IMPORTANT NOTICE:

Every Florist who is looking for something new in decorating material should make it a point to see our line of **Translucent Foliage**. Do not confuse this article with Opaque Oak that has been on the market the past few years for it is altogether different and much better.

Look For Our Ideas in Prepared Foliage

(Stock of Which Will be Ready for Delivery August 1, 1916)

Oak Sprays, 36-inches and over,	\$1.50 per Doz.; \$10.00 per 100.
Maple Sprays, 30 to 36 inches,	\$2.00 per Doz.; \$15.00 per 100.

12 Bales Extra Fine Sphagnum Moss For \$10.00.

F. O. B. CHICAGO

Some Items You Need Now

Sulphur==Slug Shot==Grape Dust==Daylight Glass Cleaner==Liquid Putty==Greenhouse Hose

POEHLMAN
72-74 E. Randolph St.,

Kentias

We have gone into the growing of KENTIAS on a large scale and can well be classed as the WESTERN HEAD-QUARTERS for these serviceable Palms. Our stock is complete and the prices we quote should show a considerable saving in express charges.

STRONG, HEALTHY, CLEAN.

Kentias

BELMOREANA MADE-UP PLANTS.

Specimens, heavy, \$12.00, \$15.00, \$20.00

BELMOREANA SINGLE PLANTS

2½ inch pots, \$1.50 per dozen; \$10.00 per 100.

Leaves	Doz.	Each.
4 inch pots 5-6 16-18 inch high.....	\$ 4.50	

4 inch pots 5-6 16-18 inch high.....	\$.40
6 inch pots 6-7 24 inch high.....	1.00
6 inch pots 6-7 28-30 inch high.....	1.50
6 inch pots 6-7 32-34 inch high.....	2.00
8 inch tubs 6-7 36-38 inch high.....	3.50

FOSTERIANA MADE-UP PLANTS

Plants	Each
8 inch tubs 4 38-42 inch high.....	\$ 3.50
8 inch tubs 4 48-50 inch high.....	5.00
8 inch tubs 4 52-54 inch high.....	6.00
10 inch tubs 4 5 feet high.....	8.00
12 inch tubs 4 60-64 inch high.....	10.00
12 inch tubs 4 5½ feet high.....	12.00
12 inch tubs 4 5½-6 feet high.....	15.00
15 inch tubs 4 6-6½ feet high.....	\$18@20

FOSTERIANA SINGLE PLANTS

Leaves	Doz.	Each.
4 inch pots 5-6 18-20 inch high.....	\$ 4.50	
4 inch pots 5-6 18-20 in. high, ea.....	.40	
6 inch pots 6 28-30 inch high.....	1.00	
6 inch pots 6-7 34-36 inch high.....	1.50	
10 inch tubs 6-7 5½ feet high.....	8.00	
10 inch tubs 6-7 5½-6 feet high.....	10.00	

Specimens, heavy, \$35.00, \$40.00.

PHOENIX ROEBELENI

3 inch pots, nicely characterized, doz.....	\$3.50
Inch Spread	Each
6 inch pots 18 inch high 24	\$1.75
8 inch tubs 30 inch high 36	3.50
10 inch tubs 35 inch high 42	\$5@7.50

DRACAENAS

2½ inch pots Dracena Godseffiana, \$8.00 per 100.	Each
Dracena Lindenl, 6-in.....	\$1.25
6 inch pots Dracena Massangeana.....	\$1.50

ARECA LUTESCENS

6 inch pots, 4 plants.....	\$1.00
8 inch pots, 5 plants, 44 in. high.....	4.00

LIVISTONA ROTUNDIFOLIA

4 inch pots, strong.....	\$0.50 each
5 inch pots .....	.75 each

Grafted and Own Root Rose Plants.

Grafted, 3½-inch Stock.

\$140.00 per 1000.

1350 Pink Killarney	600 Old Gold
1600 White Killarney	100 Cecile Brunner
1000 Brilliant	450 Richmond
1500 Milady	1300 Scott Key
Ophelia	1100 Elgar

Grafted, 2½-inch Stock.

\$100.00 per 1000.

600 Pink Killarney	700 Old Gold
4250 White Killarney	100 Richmond
3650 Brilliant	100 Hoosier Beauty
900 Wards	350 Scott Key
190 Milady Russell	200 Elgar

Own Root, 3½-inch Stock.

\$96.70 per 1000.

5000 Pink Killarney	85 Scott Key
2730 White Killarney	90 Brilliant
300 Old Gold	300 Elgar
140 Wards	2300 Richmond
200 Sunburst	

Own Root, 2½-inch Stock—\$56.70 per 1000.

1900 Pink Killarney	1000 White Killarney	70 Scott Key	350 Sunburst	1000 Richmond
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American Beauty Rose Plants--3000--3-in. pots, \$75.00 per 1000.

CALADIUMS

Finest fancy leaved varieties, 25c, 35c, 50c, 75c, \$1.00 and \$1.50 each.

Achyranthes Brilliantissima, 2½ in.....	100 \$ 2.50	1000
Achyranthes Lindenl, 2½ in.....	2.50	
Begonia Luminosa and Vernon, for bedding, 2½ in.....	2.50	
3 in.....	5.00	
4 in.....	8.00	
Begonia Chatelaine, 2½ in.....	3.50	
3 in.....	8.00	
4 in.....	15.00	
5 in.....each, 25c		
Begonia Lorraine, 2 in.....	10.00	
2½ in.....	12.00	
Coleus in 10 different varieties, beautifully colored and well furnished with leaves to the pot: 6-inch pots 75c and \$1 each.		
Coleus Emperor Wilhelm, 3-in., 8c each; 4-in., 15c each.		
Crotons—5-inch, \$7.20 per doz.; 6-inch, 75c and \$1 each.		
Cyclamen—3 inch, \$8.00 per 100.		
Seedlings, \$40.00 per 1,000.		

HYDRANGEAS

50c, 75c, and \$1.00 each. Larger specimens, \$3.00 to \$5.00 each.

Dusty Miller, for border, 2½ in.....	100 \$2.50	1000 \$23.00
German or Parlor Ivy, 2½ in....	2.50	
Fuchsias—5c and 12c each.		
Lobelias, for bedding and hanging baskets, Lobelias Speciosa, Crystal Palace and Bedding Queen, 2½ in.....	2.50	22.00
Marigold, Double, 4 in. pots....	8.00	
Pandanus Veitchii, 3-in., 30c; 4-in., 40c; 5-in., 60c; 6-in., \$1.00 each.		
Petunia, single fringed, all colors, 3 in.....	5.00	
4 in.....	8.00	
Primulas Grandiflora and Gigantea strain, only the choicest varieties, summer delivery, 2½ in.....	3.00	
Primula Obconica, 2½ in.....	\$ 3.50	

Salvia Bonfire and Zurich, from cuttings, 2½ in.....	100 \$2.50	1000
3 in.....	5.00	
4 in.....	8.00	
Smilax, strong new stock, 2½ in. 2.50		
3 in.....	6.00	50.00
Boston and Roosevelt Ferns. Late July delivery. 6-in., 75c each; 7-in., \$1.00 each.		
Whitmanl, 6-in., 75c each.		
Table Ferns, 2½-in., \$3.00 per 100.		
Torenia Fournieri, Blue, 3-in. pots 5.00		
Vinca, 4 in.....	\$10.00 to 15.00	
Vincas, Green	8.00	
Wandering Jew, Zebrina and White Variegated, for hanging baskets, 2½ in. pots.....	2.50	

BOXWOODS

	Each
15-in. in burlap .....	.40
18-in. in burlap .....	.50

N BROS. CO.

Long Distance Phone,
Randolph 35.

CHICAGO, ILL.

SUMMER ROSES

We make a specialty of growing Roses best adapted to handle during the hot weather. Our facilities are exceptionally well equipped and we recommend the following stock for summer:

BEAUTIES--Mostly Medium and Short Lengths Good Shipping Stock.

Rhea Reid—Best red rose.

Mrs. Russell—Best pink rose.

Sunburst—Best yellow rose.

Double White Killarney—Best white rose.

Ophelia and Shawyer—Are also two good pink roses for summer use.

These in addition to the regular varieties of Roses we are receiving in large quantities direct from our greenhouses within a few hours of being cut, enable us to fill all orders with strictly fresh stock. This is the great advantage of buying direct of the grower. Order here.

CURRENT PRICE LIST

American Beauties	Per doz.
Specials, extra long stems.....	\$2.00 to \$3.00
Medium stems.....	1.50
Shorter lengths.....	.50 to .75

Sunburst--Rhea Reid--Ophelia--Richmond Shawyer--White and Pink Killarney Killarney Brilliant

Long.....	per 100,	\$6.00
Medium.....	"	\$4.00 to 5.00
Short.....	"	3.00

Mrs. Chas. Russell.	Per 100
Extra long.....	\$8.00 to \$10.00
Medium.....	5.00 to 6.00
Short.....	3.00

Cecile Brunner..... per bunch, 35c

Carnations	Per 100
Red, White and Pink extra fancy.....	\$2.00

LILY OF THE VALLEY.....\$5.00 to 6.00

ASPARAGUS SPRAYS and SPRENGERI.. 2.00 to 3.00

FERNs, new.....per 100, 20 cents; in lots
of 1000 or more, \$1.50 per 1000.

ADIANTUM..... 1.00

GALAX, bronze and green...per 1000, \$1.25 to \$1.50

ROSES, our selection, in lots of 500 or more at the rate of \$20.00 per 1000.

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN

LONG DISTANCE PHONE:

CENTRAL 1457.

Greenhouses: Hinsdale, Ill. and Gregg's Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Mention the American Florist when writing

Chicago.

SEVERE WARM WEATHER AFFECTS TRADE.

The severe warm weather the past week, when the thermometer registered 98° in the shade for several days, has affected trade somewhat, but the majority of the dealers are not complaining any of dull times, for the sales are still showing an increase over July of last year. Stock has suffered considerably from the excessive heat, especially carnations, but at that there is plenty of good stock available to fill all the orders that are arriving. Sunburst, Ophelia and Mrs. Chas. Russell are reaching the market in pretty good condition, and the same holds good for American Beauty roses which are moving well at summer prices. Milady, Richmond, Rhea Reid, Hadley and Hoosier Beauty are having a good call, considering the general market conditions. My Maryland is in good supply and in good demand, and is one of the first varieties to clean up every day. White Killarney is selling well, but there are more than enough to go around. Mrs. George Shawyer seems to have a pretty good call, and the same applies to Killarney Brilliant and

Killarney Queen. Carnations have seen their best days, but some very good stock is still seen and is to be had in large lots at very reasonable prices. Peonies are still a factor in the market, and are in fair demand, especially the northern Michigan grown stock. Lily of the valley continues to move quite freely, and while it is not considered scarce at present it is none too plentiful. Orchids are in larger supply, but are meeting with good sale. Gladioli are gradually becoming more plentiful, and while prices have dropped considerably they are good property and clean up as nicely as can be expected at this season of the year. Some fine asters are being offered and a few dahlias are included in the shipments. Sweet peas, snapdragons, stocks, daisies, coreopsis, gaillardias, candytufts, pansies, cornflowers, lilies, callas, feverfews, delphiniums, marigolds, pond lilies and a long list of other miscellaneous indoor and outdoor flowers too numerous to mention are included in the offerings, and at times are in good demand. Green goods of all kinds are in large supply, and the buyer now has a splendid opportunity to make a grand

window showing at practically no cost whatever. The shipping trade has been keeping up remarkably well, and the city demand is considered to be quite good this month, compared to former years.

NOTES.

The northeast corner of Wabash avenue and Randolph street, 88x96 feet, has been leased by A. Starr Best, Inc., from Luther W. Bondman and others for 99 years at a graded rental averaging \$28,121, or four per cent on a land value of \$703,025. Upon this the lessee will construct an eight-story mercantile building to cost \$300,000 which he will occupy with his business, the sale of apparel for children and haberdashery for young men. He will not get possession for five years, and the change of ownership will not affect the lease of Percy Jones, wholesale florist, or Joseph Ziska & Sons, wholesale dealers in supplies, who are located in the building on the present site, which will be removed then to make room for the new structure. Everyone has expected for some time that the wholesale florists would be affected by the rapid growth in the

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St., Long Distance { Central 2846, 601, CHICAGO
Phones: { " 601,

LARGE SUMMER SUPPLY

Russell and Milady Roses

Plenty for everyone in all the desired grades. Place your orders here.

Fancy Lilies, Sweet Peas, Valley and Complete Line of Greens.

Current Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems	\$5.00
48-inch stems	4.00
36-inch stems	3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.00
Short .....	.75

	Per 100
Richmond	
Killarney	
White Killarney	Extra select
My Maryland	Select
Sunburst	Medium
Ophelia	Short
Milady	

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$2.00
Select	1.50
Medium	1.00
Short	\$0.50 to .75
	Per 100
Roses, our selection	\$ 3.00
Carnations, fancy	\$ 2.00 to 3.00
Harrisil	10.00 to 12.50
Peonies	4.00 to 8.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Adiantum	1.00
Asparagus, per bunch .....	.50 to .75
Ferns, per 1,000	\$2.00

2,000,000 Feet of Modern Glass

loop, and that it is only a question of a short time when the dealers in the Atlas building will be obliged to seek other quarters.

Herman Rogers is back on the job at Weiland & Risch's store after spending a few weeks with his family at Detroit, Mich. He had a most delightful time, and agrees with everyone who ever had occasion to partake of the frog and fish dinner on the Canadian Isles that they are all that they are claimed to be, and the best that he has ever eaten.

Allie Zech, of Zech & Mann, and wife are calling on the finny tribe, Mr. and Mrs. Fish, near Rock Island. They motored down, leaving Saturday evening, July 15. Michael Freres is back on duty at this house, after having enjoyed a delightful two weeks' vacation.

A. L. Vaughan & Co. are handling a good supply of fancy gladioli from Blewitt & Prickett, of Des Plaines. The variety named Lord of Holland is having a good call and cleans up splendidly, considering the general market conditions.

E. C. Pruner, representing Poehlmann Bros. Co., started out on another business trip this week, and is bound for Houston, Texas, where he will have charge of his firm's exhibit at the S. A. F. convention.

Felix Reichling, with Peter Reinberg and family, are spending their vacation with relatives at Great Bend, Kans. Miss Marguerite McNulty will attend to the office duties while he is away.

Ernst Wienhoeber and wife spent July 15 at Milwaukee, Wis. He returned home purposely the following day to attend the funeral of the late John William Poehlmann.

Dwight L. Harris, of the Pulverized Manure Co., made a business trip to Kansas City, Mo., July 13.

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

BUY HERE

Complete line of all seasonable Cut Flowers, including both indoor and outdoor stock. Try us on what you need.

Chicago's Largest Dealers in Decorative Greens

Chas. W. McKellar is again attending to his duties at the store after being on the sick list for several months.

Louis Manos and wife, of Milwaukee, Wis., are spending a few weeks with George Manos and wife at Oak Park.

Edgar Winterson and his able assistants are giving Winterson's Seed Store a thorough overhauling this month.

J. F. Kidwell is the head of the new Kidwell Garage Company at Downers Grove.

Joe Weis is back from an automobile trip to Loon Lake.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

We are now cutting heavily in short and medium stemmed Ophelia roses of unsurpassed quality and can take splendid care of you in what you need in this line.

Current Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.

	Per doz.
Long stems	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
18-inch stems	2.00
12-inch stems	1.50

White—KILLARNEY—Pink.

	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00

RICHMOND

	Per 100
Extra Special	7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00

OPHELIA.

	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Good	3.00

SUNBURST.

	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Good	3.00

GEORGE ELGAR35c per bunch

ROSES, OUR SELECTION \$3.00

CARNATIONS. Per 100

Fancy\$2.00

Good\$1.00 to \$1.50

LILIES. Per 100

Fancy\$10.00 to \$12.50

Miscellaneous.

Peonies\$5.00 to \$8.00

Ferns, per 1,000..... 2.00 to 2.50

Smilax, per doz..... 2.00

Adiantum 1.00

Sprenger, per bunch..... .50

Asparagus Sprays, bunch..... .50

Other Green Goods Market Rates.

Mention the American Florist when writing

Joe Einweck, of the Bassett & Washburn store force, spent Sunday, July 16, at Burlington, Wis., where his pal, Allan Gerhling, is spending his vacation. George Heidenreich, also one of the Bassett & Washburn employes, is enjoying his vacation at Kankakee. Miss Schriber will be the next one of the office force to take her vacation, but she denies that it is going to be a honeymoon trip.

N. J. Wietor's oldest son, Leo, is helping out Gus Alles at Wietor Bros. store during the summer months, and promises to become as big a florist as his dad. Chas. Drissler, who holds the position of shipping clerk at this house, is taking in the sights at Imaginary Park in the land of Nowhere.

The Raedlein Basket Co., 713 Milwaukee avenue, has added several basket makers to its already increased force and is stocking up heavily for next season. This firm is getting out a new catalogue showing all the latest styles it manufactures and will have it ready for mailing in a very short time.

The George Wittbold Company has a fine stock of Boston ferns which are selling like hot cakes and are considered very scarce at present. Ed. Armstrong and Otto Strobeck, of the retail department, will leave July 22 on a two weeks' vacation.

A. Billerbeck bought out the Kedzie Floral Co., 3403 West Madison street, last week, taking possession July 12. He will move into the corner store about August 1, when the firm name will be changed to the Garfield Park Floral Co.

E. Livingston, gardener for Fred Vogel, Milwaukee, Wis., is visiting old friends at Lake Geneva and Lake Forest this week and will leave shortly for Clinton, Ia., to join his family, who are enjoying a visit with relatives there.

Joseph Ziska, Jr., brother Raymond and father, Joseph Ziska, Sr., have returned from a delightful automobile trip to Oxford Junction, Ia. John Ziska kept shop at Joseph Ziska & Sons' store while they were away.

John Harris, of Harris Brothers, popular florists of Pittsburgh, Pa., attended the christening of Andrew Cronis' new baby boy at Wilmette last week.

Wholesale Cut Flowers—Greens and Supplies

Prices cheerfully submitted on whatever you need upon request.

O. A. & L. A. Tonner

30 E. Randolph Street,

Phone,
Central 6284.

CHICAGO, ILL.

Mention the American Florist when writing

Bonnie Cody, bookkeeper for C. Frauenfelder, 3343 West Madison street, is visiting relatives at Fond du Lac, Wis. Miss Edna Frauenfelder is attending to the office duties while she is away.

Henry Arnold, with O. A. & L. A. Tonner, is spending his vacation at Eagle River, Wis. Miss Lillian Tonner and a party of friends spent July 17 at Milwaukee, Wis., making the trip by boat.

Wendland & Keimel, of Elmhurst, have had their young rose stock planted since July 1. They are growing Sunburst more heavily this season and have cut down on Milady a trifle.

Emil Reichling has Peter Reinberg's carnations pretty well benched and reports a brisk demand for field grown plants this season, which are far superior in quality to those of last year.

The Briggs Floral Co. have a magnificent store at 801 Sheridan Road, where a large showing of all the seasonable flowers is always made and attracts much favorable attention.

Anton Then reports that his daughter Josie is feeling much better since her recent operation, and was able to visit the store for the first time this week.

Wm. Collatz says that A. F. Amling Co. is already cutting heavily in Ophelia, Mrs. Chas. Russell, and White Killarney roses from their large new range.

Guy French has invested in a Studebaker, which enables him to make more frequent trips from Union Grove, Wis., to his home at Morton Grove.

W. D. Reddick, of South Bend, Ind., was a visitor, July 13, when he placed an order for a new boiler with the John C. Moninger Co.

Wm. E. Tricker, of St. Paul, Minn., passed through the city this week, returning from his father's funeral at Arlington, N. J.

Miss H. B. Whitted, of Minneapolis, Minn., attended the funeral of the late John William Poehlmann, held Sunday, July 16.

The Atlas Floral Co. had an order for 100 mixed bouquets for the opening of Deutsch's new Dearborn street restaurant.

Michael Fink is back on the job at the Chicago Flower Growers' Association store after enjoying a two weeks' vacation.

A. T. Pyfer & Co. are handling a fine supply of outdoor flowers in addition to their regular supply of indoor stock.

Walter Adams, L. R. Bohannon, Lou Bunte and Victor Bergmann left July 18 for northern Wisconsin on a fishing trip.

Leonard Koehler, with Kyle & Foerster, is back on the job after enjoying a well-earned vacation.

Adam Kaspar, with George Reinberg, has returned from a pleasant visit at Kansas City, Mo.

Eddie Hauswirth is thinking real seriously of quitting the retail business at Ft. Wayne, Ind.

Fred Liebermann, with Kennicott Bros. Co., is the proud father of a 10-pound baby girl.

C. A. Samuelson is spending a few weeks on his fruit farm at Wendell, Idaho.

Herman Schiller and wife are taking in the sights at Glacier Park, Montana.

Martin Schoepfle, 933 Belmont avenue, is spending his vacation in the east.

Jim Kidwell and Pal Bane are back from an automobile trip to Michigan.



We are headquarters
for Gladioli, Asters,
Beauties, Roses, Car-
nations, Greens, Etc.

PEONIES

CURRENT PRICE LIST

PEONIES

Subject to Change Without Notice.

Beauties.

	Per doz.
Long stems	\$3.00
30 to 36-inch stems	2.50
20 to 24-inch stems	\$1.50 to 2.00
15 to 18-inch stems	1.00
12-inch stems	.75

Mrs. Chas. Russell.

	Per 100
Extra fancy	\$15.00
Good medium	\$10.00 to 12.00
Good short	4.00 to 6.00

Roses.

Ophelia, fancy	\$8.00 to \$10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00

	Per 100	\$
Richmond, fancy	8.00	
" good	5.00 to 6.00	
" short	2.00 to 4.00	
White Killarney, fancy	8.00	
" good	5.00 to 6.00	
" short	2.00 to 4.00	
Ward, fancy	8.00	
" good	5.00 to 6.00	
" short	2.00 to 4.00	
Sunburst, fancy	8.00	
" good	5.00 to 6.00	
" short	2.00 to 4.00	
Killarney Brilliant, fancy	8.00	
" good	5.00 to 6.00	
" short	2.00 to 4.00	
Roses, our selection	3.00	

Peonies.

Fancy	\$8.00
Special	6.00
Good	4.00

Carnations.

	Per 100
Special fancy	\$3.00
Good	\$1.50 to 2.00

Miscellaneous

	Per 100
Callas	\$10.00 to \$12.50
Easter Lilies, select	10.00 to 12.50
Orchids, Cattleyas, per doz.	7.50
Valley	4.00 to 5.00
Sweet Peas	.75 to 1.50
Mignorette	4.00
Gladioli	4.00 to 6.00
Asters	2.00 to 3.00
Dablias	2.00 to 3.00

Greens.

Asp. Plumosus	per string, \$0.50
Asp. Plumosus Sprays	bunch, \$0.35 to .50
Sprengeri	per bunch, .35 to .50
Adiantum	per 100, 1.00
Smilax, choice	per doz., 1.50 to 2.00
Fancy Ferns	per 1,000, 2.00 to 2.50
Galax Leaves	per 1,000, 1.00

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave. Chicago

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue L. D. Phone Randolph 631

CHICAGO

HEAVY SUPPLY

FINEST RUSSELL ROSES IN THE CHICAGO MARKET

REPEAT ORDERS FROM NEW CUSTOMERS ARE THE BEST TESTIMONIALS THAT OUR
RUSSELL ARE ALL THAT WE CLAIM THEM TO BE. TRY US ON YOUR NEXT ORDER.

Frank Hagen, of the George Reinberg force, has the sympathy of the trade in the loss of his father, whose death occurred Monday, July 17. The funeral was held from the family home, at 2610 Winona avenue, and was largely attended. He was one of the oldest settlers in Bowmanville and was well known to a great many of the local florists, especially on the north side. He is a grandfather of Fred Klingel, junior member of the firm of Erne & Klingel.

At Hoerber Bros.' store the principal offering in roses is their favorite variety, My Maryland, which is one of

ASTERS WANTED.

Either indoor or outdoor stock. Start shipping immediately. Checks weekly.

M. C. GUNTERBERG, 158 N. Wabash Ave., CHICAGO, ILL.

their best sellers on their list right now.

John Kruchten, of the John Kruchten Co., is his own stenographer while Miss Zandra Anderson is away on her vacation.

Al. Lehman, of the E. C. Amling Co., is back from his vacation.

H. Van Gelder, the man behind the gun at Percy Jones' store, is now a member of the Illinois Athletic Club.

Morris Grossberg is back from a two weeks' vacation and is again attending to his duties at Percy Jones' store.

Fred Price with J. A. Budlong is back from his honeymoon.



PREPAREDNESS.

WE are prepared to take care of your orders for Roses, Carnations, Lilies, Callas, Snapdragons, Sweet Peas, Gladioli, Asters, Dahlias and all other miscellaneous seasonable outdoor flowers, Greens, Etc. You will get satisfaction every time if you place your orders here.

A. T. PYFER & CO.

WHOLESALE FLORISTS

30 East Randolph Street,

CHICAGO, ILL.

Long Distance Telephone—Central 3373.

The funeral of the late John William Poehlmann, held Sunday afternoon, July 16, was very largely attended and every branch of the florist trade was well represented. The floral offerings were unusually many and beautiful and filled four large delivery trucks and gave one a little idea of how much in esteem Mr. Poehlmann was really held by his friends and business associates. He was well liked by everyone who knew him and was a business man through and through and with the assistance of his brothers August and Adolph, built up the largest business of their kind in the country. Mr. Poehlmann will be greatly missed by the trade, who all join in extending their heartfelt sympathy to the bereaved family. A report of his death appears in our obituary column this week.

J. W. O. Deake, who was vice-president of the Society of American Florists at the Asheville convention in 1902, was a visitor this week. Mr. Deake is now located at Twin Falls, Idaho, farming on the irrigated lands of the Snake river valley. Time has dealt kindly with him for he looks as youthful and full of life as he was 14 years ago, now claiming to be in his sixty-seventh year.

M. C. Gunterberg is handling a good supply of outdoor flowers and is in the market for a good aster grower.

Vaughan's Seed Store is doing a good business with its fine boxwoods and bay trees.

Miller & Musser's store looks much better since it has been thoroughly renovated.

Visitors: Mrs. Ennis, Milwaukee, Wis.; Ed. Cowan, with Cowan Bros. & Co., Terre Haute, Ind.; W. J. Smart, with Knight & Stinck, New York; G. Roethke, Saginaw, Mich.; J. J. Groves, Bloomington, Ill.

Decatur, Ill.

N. Bommersbach has sold his business and greenhouses to Andrew Peterson of Gibson City. Mr. Peterson will continue the business in connection with his stores at Gibson City, Clinton and this city. Mr. Bommersbach, after 35 years in the florist business, will retire.

John N. Bommersbach has sold his greenhouses and land to Niels Socudsen of Chicago, who will continue to grow cut flowers for the wholesale trade. Mr. Bommersbach expects to visit the Pacific coast.

Cincinnati.

MARKET CLEANS UP DAILY.

Stock has shortened greatly and now practically everything is cleaning up regularly. The great bulk of the rose offerings are short stemmed, but some excellent blooms may be had. Easter lilies are plentiful and good. The supply of asters is much heavier than last week and by the end of this week they should be plentiful. Gladioli are in a fair supply. Some excellent sweet peas may be had. Other offerings include snapdragons, water lilies, carnations and cornflowers.

NOTES.

At the annual meeting of the florists' society, Wm. Schumann was elected president, Jas. Allen, vice-president; Alex Ostendarp, secretary; J. Chas. Murphy, treasurer, and Gus Adrian, director.

E. G. Gillett has purchased a Buick "Light Six" touring car and now he and Mrs. Gillett and Mr. and Mrs. Mayhall are enjoying trips about this city and vicinity.

C. E. Critchell has been getting in some excellent early asters.

Henry Goebel has been cutting some excellent cornflowers.

Mrs. Murphy and Miss Claire Murphy have gone to their cottage at the Cheneaux for the summer.

Geo. Berner, of C. E. Critchell's, who was on the sick list, is back at his desk.

Visitors: W. C. Lawrence and wife, Atlanta, Ga., who are attending the Rotary convention in this city; Mr. Jensen, of Washington, C. H., O., and Joseph Marks, Chicago.

H.

Maywood, Ill.

The Albert F. Amling Company received four 300 h. p. Kroeschell fire and water tube boilers last week, which are being set in place for brick-ing. Delivery of four Simplex traveling grate stokers is expected this week, and this, together with the pumps supplied by the American Greenhouse Mfg. Co., will make a most modern power plant.

Wm. Wichtendahl has all the material for a new greenhouse, about 27 x 100 feet, painted, which is to be erected in the near future. He is also making changes in his service building equipment. A new electrically driven Triplex pump arrived a few days ago,

and another Kroeschell boiler is expected soon.

Wm. H. Amling has completed planting chrysanthemums, and is getting ready for an extended auto trip. He prides himself on his good judgment in selecting a car this spring which has proven to be an investment, rather than an expense. His type of car now sells at \$80.00 advance.

At the Weiss-Meyer Co.'s plant the installation of pumping machinery is going on, the building for which has recently been completed.

Walter Burhop looks back to a successful season in growing sweet peas and chrysanthemums.

Russell and Ophelia roses are producing in quantity at Ernst Amling's place.

Hugo Luedtke returned July 13 from a delightful fishing trip.

O. A.

Oklahoma, City.

Lon Foster, state vice-president of the S. A. F., is working hard to have a large delegation from this state at the convention to be held in Houston, August 15-17. The round trip fare from this city to Galveston is \$20.35. By going over the Santa Fe road, one can take a train from this city at 12 noon, and be in Houston next morning at 7:30. Delegates from other parts of this state who have said they would attend the convention are: A. S. Gray, Chickasha; E. R. Griggs, Shawnee; J. W. Furrow, Guthrie; Eugene Bebb of the Muskogee Carnation Co., Muskogee; Mrs. Ora Hornaday, Lawton; Mrs. L. K. Butts, El Reno; and some member of the firm of the Enid Floral Co., Enid. It is not known yet just who will attend from this city, but no doubt there will be several.

Summer weather has settled with us and each day sees the thermometer registering well above the 90 degree mark. Business has slowed down considerably, and with the exception of funeral work, there is very little activity in the florists' stores.

J. W. Furrow left for Chicago July 16, where he will stay for a month or so, placing peaches on the market from the Arkansas orchards.

S. S. B.

BURLINGTON, VT.—J. W. Wilson, veteran florist, who conducted a flower shop on Church street for a quarter century, has removed to larger quarters at 184 Pearl street.

BIG CUT OF Specially Grown Summer Roses

All the Best Standard and Novelty Varieties. Large Flowers
on All Lengths of Stems Well Laden with Splendid Foliage.

You can increase your profits and business by sending all your orders direct to

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

GUT FLOWERS

Prices
As
Low
As
Others.

 SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Mention the American Florist when writing

Kansas City, Mo.

RAIN MUCH NEEDED; STOCK SUFFERS.

Hot weather has certainly arrived without question, and with only one rain in two weeks the stock is being injured more and more every day as some of the growers are unable to get water to it. The supply in some lines is falling off considerably. Roses have shortened in supply and while not of good quality generally there are some good Mrs. Russell to be had. Carnations are nearly done for until new stock comes in. Gladioli are coming in nicely and the daily supply of these will be large from now on. Mrs. Francis King, America, Augusta and Pink Beauty are the leading varieties. With a good supply of outdoor stock the trade have a good line to show.

NOTES.

H. Kusik & Co. report supply and demand about on a par. Some very good stocks of roses, carnations, lilies, gladioli and gypsophilas are to be seen at this establishment. The base ball team will soon be home from its long trip, and Mr. Kusik will give up John Kling's electric scoreboard for the real thing.

T. J. Noll & Co. report a good line of trade during the week, especially shipping business. Mrs. Noll, who is now "boss," reports a scarcity of stock, but good roses, carnations, gladioli, lilies and gypsophila were seen.

The news of the death of John Poehlmann, president of the Poehlman Bros. Co., Chicago, was received by the local trade with deep regret. He had a host of friends here who extend their sympathy to his relatives.

W. J. Barnes is now cutting fine stock of Lilium rubrums, which come in very handy in making up just now.

Stock at Adolph Mohr's establishment is looking fine. He is cutting heavily on outdoor stock at present.

Reinhart & Son are bringing in some very good Pink Beauty gladioli as well as outdoor stock.

Jacob Hepting has about finished cutting carnations for this season.

S. Bryson Ayers is bringing in some very good gladioli and gypsophila.

E. J. B.

Carnations NEW CROP Asters S. MURATA & CO.,

OLDEST AND MOST EXPERIENCED
SHIPPERS IN SOUTHERN CALIFORNIA

751 S. Broadway,

LOS ANGELES, CALIF

Mention the American Florist when writing

Buffalo, N. Y.

FAIR SUMMER BUSINESS.

Summer in every way—warm and trade only fair. Stock is as good as can be expected, with the exception of sweet peas, which are not up to the usual standard, but another week will see an improvement. Roses, carnations and other flowers show the effect of the weather, while lily of the valley and orchids are of good quality and find a ready sale. Shasta daisies of exceptional size are on sale; also some good gypsophilas. Pink and white pond lilies are seen in some of the windows and lend a cooling effect to the stores. Delphiniums of good quality are also on sale. America and Mrs. Francis King gladioli are arriving, but in limited quantities as yet. Funeral work, during the past week has been good, and was all that kept the stores from suffering a loss of flowers due to the extreme heat.

NOTES.

Last week this city had the largest convention in its history, when the Shriners, about 300,000 strong, clad in gala attire, gathered here. Several banquets of varying proportions gave the florists something to do, but as visitors in hot weather look more for lemonade, etc., the trade was not disappointed and hope they will come again. Several visiting Shriners who belong to the craft called and left cards and we were glad to welcome the following to our city: J. P. Pater-son and W. C. Cook of Montgomery, Ala.; S. W. Coggan, Battle Creek, Mich.; R. L. Dunn, St. Catherine's, Ont.; J. Gammage, London, Ont.; H. N. Bruns, Chicago; M. Steinhauser, Pittsburg, Kan.; Peter Murray, Fairhaven, Mass.; Mark Aitken, Springfield, Mass.

Stephen J. Mahoney, in quiet life a florist, is taking a course in floriculture and also oratory at Cornell University. The last named course will be severely taxed for about six weeks, then floriculture will bud again. If a copy of the Ithaca paper reaches Canandaigua they will be astonished at that point to think that the boy farmer of a few years ago is the same "Steve" who is the socialistic candidate for lieutenant-governor, ex-candidate for mayor of Buffalo and a florist. Depew, Root and other have hopped out of that town and made good—and good ale was made there at one time.

Vacations are now in order. Jerome Deutcher, third in command at the Wm. F. Kasting Co.'s establishment has returned and Oliver Klinkenmeyer, the second in the line is away and from all reports is house hunting. There is one or more away from Palmer's at all times.

Peter Stroh, monarch of S. A. Anderson's stock room, is autoing for two weeks. BISON.

HAMPTON, IA.—C. H. Hollied has purchased the business of the Curtis Floral Co.

ST. LOUIS, Mo.—The St. Louis Wholesale Cut Flower Co., under the management of J. J. Beneke and D. S. Geddis, has leased the property at 1410 Pine street and will be ready for business early in September.

BERLIN, ONT.—The annual convention of the Canadian Horticultural Society which is to be held here August 8-10 promises to be a very interesting meeting. C. H. Janzen of the local committee reports preparations well in hand and Secretary Julius Luck is at work on the programme.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

Cleveland.

STOCK PLENTIFUL AT BOTTOM PRICES.

One week is much like another during this spell, nothing out of the ordinary is going on, and everywhere stores are running with half the force on vacations. Stock is plentiful, prices down to the usual summer level, and the demand fair for this season of the year. Gladioli America, Halley and Pink Beauty are in good demand, on account of their keeping qualities, and the quality of the stock now arriving is excellent. A few good early asters are in, and are in good demand. Carnations are still of fair quality, and also quite plentiful. Roses are arriving in their usual summer condition, and mostly short stock. Sweet peas are arriving in large quantities, of excellent quality, and selling at ridiculously low prices. Then there are gypsophilas, larkspurs, snapdragons, achilleas, stokesias, gaillardias, coreopsis, rambler roses, marigolds, bachelor buttons, etc. Easter lilies are still arriving in quantity.

NOTES.

The storm which visited Cleveland and vicinity, July 2, did much damage to outside flowers and greenhouses, notably among North Olmstead and Rocky River florists and vegetable growers. Much glass was broken.

Dennis Zelaski, who grows larkspur, phlox, buddleia and other outdoor flowers near Puritas Springs, lost about \$1,000 in stock destroyed by the storm, July 2.

A Dutch lunch was keenly enjoyed at the florists' club meeting by those present, W. A. Vinson giving the boys a treat. A vote of thanks was tendered.

C. F. B.

Fort Wayne, Ind.

Business has been poor, due to the terrific heat, the demand centering in funeral work and a few weddings. Heavy rains last week prolonged the carnation season, but severe electrical storms caused much damage to crops. Stock is plentiful.

NOTES.

The new electric sign of the Flick Floral Co. has arrived. It is a very attractive affair, nine feet long and six feet wide, with a rose entwining the firm name. Mrs. Aaron Shive and Miss Marguerite Flick will leave soon on a business trip to Detroit, Mich.

Hauswirth, The Florist, 220 West Berry street, has announced that he will retire from business, and is offering his fixtures for sale. He will return to Chicago.

The Doswell Floral Co. are closing at 5 p. m. during July and August.

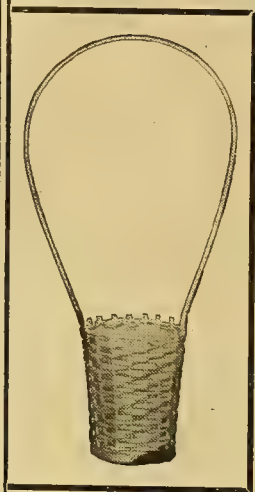
Visitor: P. J. McCarthy, representing M. Rice Co., Philadelphia, Pa.

H. K.

THERMOPOLIS, MONT.—John L. Dadell has leased a section of land at the state reservation at Big Horn Hot Springs and will erect an extensive range.

PORTLAND, ME.—Edward J. Harmon, founder of the florist firm of E. J. Harmon & Co., who have conducted a successful business at 631 Congress street for many years, died at his home July 4, of heart failure.

Special Summer Assortment



25 CUT FLOWER BASKETS

\$7.50

Many of the florists use them in their window displays to good advantage. Order Your Assortment Today.

RAEDLEIN BASKET CO.,
713 Milwaukee Avenue, CHICAGO

Wichita, Kan.

FUNERAL WORK ONLY DEMAND.

July so far has shown little to interest florists in the way of business, for except for a little funeral work, there is practically nothing doing. The weather is sweltering hot, and so dry that rain is badly needed for growing farm crops, and incidentally for the florists' outdoor stocks. Sweet peas have gone the trip. Gladioli are in good supply and of good quality. Asters are beginning to help out a little, while Shasta daisies and similar stock are about finished, the hot weather hastening the end. When it gets very hot in Kansas almost everything stops except express shipments and ice men, for we must have a little stock and ice to help keep it.

NOTES.

E. H. Kunzie, for several years foreman for Charles P. Mueller, has bought an interest in the business of Hassler & Son, trading as the Newton Floral Co., Newton, Kan. They have purchased from the owner the greenhouses in the same city, which have been operated under lease as the Rose Bud Greenhouses, and will wreck the houses, using the material at their own plant. They have also purchased the store on Main street operated in connection with the greenhouses and will probably continue it in its present location, which is very good.

A number of out of town funeral orders, too late for the train, gave W. H. Culp & Co. a chance at a 75 mile delivery stunt a few days ago. Ralph Culp made the drive accompanied by the regular driver. They arrived and delivered the orders a full hour before the funeral—yes, it was a Ford.

REFRIGERATORS

WRITE FOR CATALOG

Buchbinder Bros.
518 Milwaukee Ave., Chicago, Ill.

Mention the American Florist when writing

J. T. Conger, of Cincinnati, O., is visiting relatives in Wichita.

W. H. C.

Tri-City Florists' Club.

The annual outing of the Tri-City Florists' Club was a big success, the event being attended by 115 persons and everyone had a good time, dancing and games being indulged in by those so inclined. A short business session was held on the grounds. The genial face of Phil J. Foley of the Foley Greenhouse Manufacturing Co., Chicago, was seen among those present and H. A. Thomas of Geneseo, Ill., was also with us. Emil Kranz and his wife invited the club to hold the next meeting, August 10, at their place. The trip will be made in automobiles and the wives of the members are also invited to be present.

WM. GOOS, Sec'y.

UNION GROVE, WIS.—Dick Salm, of French & Salm, is spending a brief vacation in Michigan.

TORONTO, ONT.—George M. Geraghty, of Dunlop's, has gone to his summer home on Georgian bay for a well earned vacation. Mr. Geraghty expects to be gone about a month.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Established 1883 Incorporated 1892

Kennicott Bros. Company

Wholesale Commission Florists

163-5 No. WABASH AVE., CHICAGO
Telephone Central 466

HOERBER BROS.

Wholesale **Cut Flowers**
Growers of

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave..

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.



Syracuse, N. Y.

Russell Bros. have placed an order with the John C. Moninger Co. for four new greenhouses, 21x150 feet each, which will make eight houses of the same make. The four previous ones have been built at intervals during the past few years. The company has recently been incorporated, C. M. Russell being president; E. H. Russell, vice-president; L. E. Russell, secretary and treasurer. The new range will be devoted chiefly to the growing of pot plants. They do considerable outside work, and have had a great deal of success in other lines, and are numbered among the progressive florists. Adolph Hammerstrom, manager of Moninger's New York branch, secured the entire contract, including all the construction material, heating and erection.

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. Phones Central 1977 and 1978.

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST. Per doz.

Roses, Beauty, specials	\$5 00
" " 36-in.	4 00
" " 30-in.	3 00
" " 24 in.	2 50
" " 20-in.	2 00
" " 18-in.	1 00
Per 100	
" Mrs. Chas. Russell.....	\$4 00@15 00
" Beauty, short	4 00@6 00
" Hoosier Beauty	2 00@10 00
" Killarney Brilliant	2 00@10 00
" Killarney	2 00@10 00
" White Killarney	2 00@10 00
" Richmond	2 00@10 00
" Prince de Bulgarie.....	2 00@10 00
" Rhea Reid	2 00@10 00
" My Maryland	2 00@10 00
" Mrs. Geo. Sawyer	2 00@10 00
" Milady	2 00@10 00
" Sunburst	2 00@10 00
" Mrs. Aaron Ward	2 00@10 00
" Hadley	2 00@10 00
" Ophelia	2 00@10 00
" Double White Killarney..	2 00@10 00
" Mrs. Moorfield Storey....	2 00@10 00
" Champ Weiland	4 00@10 00
" Stanley	3 00@10 00
" Tipperary	3 00@10 00
" Frances Scott Key	3 00@10 00
" Bayard Thayer	3 00@10 00
" Cecile Brunner	2 00@3 00
" George Elgar	2 00@3 00
" Baby Doll	2 00@3 00
" Firefame	4 00
" Our selection	3 00
Carnations	1 00@3 00
Cattleyas	per doz., 6 00@7 50
Peonies	2 00@8 00
Asters	2 00@3 00
Dahlias	3 00
Lilium Harrisii	10 00@12 50
Mignonette	4 00@6 00
Sweet Peas	75@1 50
Valley	3 00@6 00
Adiantum Croweanum	1 00@1 50
Snapdragons	75@1 50
Daisies	1 00@3 00
Calendulas	3 00@4 00
Ferns	per 100, 1 50@3 00
Galax	1 00@1 25
Leucothoe	75@1 00
Mexican Ivy	per 1000, 5 00@6 00
Plumosa Strings	each, 60@75
Smilax	per doz., 2 00@2 50
Sprenger, Plumosa Sprays ..	3 00@4 00
Boxwood, 25clb per case.....	7 50



THE BOOK OF GLADIOLUS

THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, \$1.25

AMERICAN FLORIST CO.
440 So. Dearborn St.
CHICAGO.

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

Mention the American Florist when writing

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

Mention the American Florist when writing

FIELD-GROWN CARNATION PLANTS

White Enchantress, White Perfection, White Wonder, Alma Ward, Matchless, C. Akehurst, C. W. Ward, Alice, Light and R. Pink Enchantress, Enchantress Supreme, Philadelphia, D. Gordon, Champion, Beacon, Victory.

Let us know your requirements and we will submit prices.

THE LEO NIESSEN CO.,

1201-5 Race St., Philadelphia, Pa.

Philadelphia.

GOOD ROSE STOCK SCARCE.

Very good gladioli in all colors are a feature of this summer market. They are much used in window decoration. Hydrangea arborescens is another showy flower that is seen in quantity; it is especially useful for funeral work. In the rose section there is a scarcity of good stock, Sunburst, Mock and Russell being well sold up every day. Although business appears dull with an over supply of flowers, any little flurry causes a scurrying about among the commission houses to get the orders filled. Lily of the valley is handled by the bunch, a hundred sprays being quite a quantity. Cattleyas, splendid stock, are far too plentiful and go at buyer's prices. Sweet peas, which are getting short in the stem, sell very low in quantity lots. Fair carnations are offered, good for the season. Short stemmed asters, the forerunner of the crop, have been coming in for a week or two. One of the staples is the Easter lily and it is the best of the all the year round flowers, the quality of well grown stock running up to standard at all seasons.

NOTES.

Pennock Brothers' window presents a very unique and beautiful setting for the summer season. The effect is that of a veranda; white lattice work about eight inches in width runs from small white boxes in the front and side corners of the window, extending all the way to and across the top. These boxes are planted with ivy, whose long green sprays are brought out well against the white latticed background. Birds and butterflies are also used to add realism. Two tall, round, white columns in the rear with bases and capitals carry out the porch effect. The floor of the window is covered with a large rug; at one end is a large wicker veranda chair, on which is lying a lady's summer hat and a magazine. A vase of flowers adorns a small table, while several good sized wicker jardinières filled with plants, the latest up-to-date ornaments for the porch, finish and make this one of the most artistic and appropriate summer window decorations.

"New Ideas in Piping and Heating" is to be the topic at the August meeting of the florists' club. A paper will be read by Cornelius F. Roland, of the National Tube Co., who is an expert in his line. He will illustrate his subject with motion pictures. Geo. C. Watson, chairman of the essay committee, is to be congratulated on the good work he is doing for the club. He hopes the members will appreciate this important lecture, and make sure that no summer vacation idea prevents them from being present.

The annual July 1 clean-up at the H. A. Dreer nurseries, which is one of the features of this establishment, was accomplished well within the date. It is a rule here that no matter how great the rush of spring business, everything must be in apple pie order before the celebration of the national holiday. They enjoyed a splendid trade, especially in the rose section, their wonderful display at the national show giving this branch of the business a wonderful impetus.

Wholesale Flower Markets

BOSTON, July 19.		Per
Roses, Beauty.....	20 00@25 00	
" Killarney Queen.....	2 00@ 8 00	
" White and Pink Killarney.....	2 00@ 8 00	
" Double White Killarney.....	2 00@ 8 00	
" Killarney Brilliant.....	4 00@10 00	
" Hadley.....	4 00@10 00	
" Cardinal.....	2 00@ 8 00	
" Mock.....	6 00@12 00	
" Mrs. Chas. Russell.....	6 00@12 00	
" Sunburst.....	6 00@12 00	
" Taft.....	2 00@ 8 00	
" Mladay.....	2 00@ 6 00	
" Ward and Hillingdon.....	2 00@ 8 00	
" My Maryland.....	50@ 5 00	
Cattleyas.....	50 00@75 00	
Lily of the Valley.....	4 00@ 5 00	
Sweet Peas.....	50@ 1 00	
Carnations.....	1 00@ 2 00	
select.....	2 00@ 3 00	

BUFFALO, July 19.		Per 100
Beauty Special.....	20 00@25 00	
" Fancy.....	15 00@20 00	
" Extra.....	10 00@12 00	
" First.....	8 00@10 00	
" Second.....	2 00@ 4 00	
Roses, Killarney.....	3 00@ 6 00	
" White Killarney.....	3 00@ 6 00	
" My Maryland.....	3 00@ 7 00	
" Killarney Queen.....	3 00@ 6 00	
" Richmond.....	3 00@ 8 00	
" Sunburst.....	3 00@ 6 00	
" Ward.....	2 00@ 5 00	
" Taft.....	3 00@ 8 00	
" Ophelia.....	3 00@ 8 00	
" Shawyer.....	3 00@ 6 00	
" Bon Silene.....	2 00@ 3 00	
Lily of the Valley.....	4 00@ 6 00	
Lilies.....	8 00@10 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 00@ 2 00	
Asparagus Sprengerii.....	35@ 50	
Ferns.....per 1000, 2 00		
Smilax.....	15 00	

CINCINNATI, July 19.		Per 100
Roses, Beauty.....per doz.	40 75@44 00	
" Killarney.....	2 00@ 6 00	
" My Maryland.....	2 00@ 6 00	
" Richmond.....	2 00@ 6 00	
" Taft.....	2 00@ 6 00	
Lilium Giganteum.....	6 00@10 00	
Asparagus Plumosus.....per bch 25c		
Orchids.....per doz., 6 00		
Gladiolus.....	2 00@ 4 00	
Sweet Peas.....	25@ 50	
Shasta Daisies.....	1 00	
Snapdragons.....	2 00@ 4 00	
Asters.....	1 00@ 2 00	

The kentia stock of the Joseph Heacock Co., at their Wyncote greenhouses, never looked finer. From the little fellows for the ferneries, up to the made-up giants that bother the decorators to handle, there is a great range of well grown plants. Many orders have been booked for fall delivery.

The display of irises and other herbaceous flowers at the July meeting of the florists' club, made by the H. F. Michell Co., Inc., was much appreciated by the members. It is another evidence of the enterprize of this up-to-date firm.

Vacations are now in full swing and everywhere familiar faces in the stores and wholesale houses are missing; they will be heard from later with wonderful fish stories, and other interesting data of their summer outings.

Geo. W. Kerr, the sweet pea expert of W. Atlee Burpee & Co., attended the exhibition and meeting of the American Sweet Pea Society of Bar Harbor, Maine, where the firm had a very fine exhibit of new varieties.

Edward Reid is still roaming around about his southern territory. At last

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET, BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

Mention the American Florist when writing

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley

ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

Mention the American Florist when writing

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

accounts he was sure the allies would come out on top, notwithstanding the stunt the kaiser had pulled off below.

Good Hadley roses, Easter lilies, and summer American Beauties were features of the Leo Niessen Co.'s stock the past week. Field grown carnation plants are also handled in quantity.

Berger Bros. are handling some fine gladioli. Choice Maryland roses and special lily of the valley are also features of their summer stock.

K.

DALLAS, TEX.—The Lang Floral & Nursery Co. is erecting two houses on Haskell avenue.

CC POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and Greens

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street

KANSAS CITY, MO.

Mention the American Florist when writing

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock
Killarney, Sunburst and others.
CATTLEYS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Holyoke and Northampton Club.

The regular meeting was held July 11 at Bonnie Brae, Holyoke, the estate of C. E. Mackintosh. Geo. Strugnell has been in charge of the gardeners for several years and is well-known in his district for his all around ability. Members enjoyed a stroll through the flower garden and vegetable quarters, noting with satisfaction the flourishing appearance of the crops. A large berry tree laden with luscious fruit came in for special attention. D. J. Gallivan extended an invitation to hold the annual picnic on his farm at Smith's Ferry. The offer was accepted, but the date depends on the progress of the sweet corn, which is an indispensable item for this occasion. H. E. Downer read an essay on "Herbaceous Perennials" and exhibited sprays of Achillea, Perry's White, Thalictrum Fendleri and Pentstemon glaxinioides.

H. E. D.

CLAYTON, MO.—Werner Bros. are adding two houses, each 32 x 150 feet, to their range. When completed, their total glass area will be nearly 750,000 feet.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245.

P. O. Box 306

444-446

Milwaukee, Wis.

New Fancy Ferns

Special picked. Leave your regular orders with us.

Fancy Lily of the Valley, Orchids, Gladioli, Lilies and all other seasonable flowers.

FLORISTS' SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist,
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, July 19		Per 100
Roses, Beauty, extra.....	20 00	@25 00
" first.....	10 00	@15 00
" Mrs. Chas. Russell.....	8 00	@15 00
" Killarney.....	2 00	@8 00
" White Killarney.....	2 00	@8 00
" Liberty.....	5 00	@10 00
" Hadley.....	4 00	@12 00
" Sunburst.....	3 00	@8 00
" Ophelia.....	3 00	@8 00
" Hoosier Beauty.....	4 00	@12 00
Carnations.....	2 00	@4 00
Cattleyas.....	35 00	@10 00
Callas.....	6 00	@8 00
Lilium Harrisii.....	6 00	@8 00
Sweet Peas.....	50	@1 00
Snappdragons.....	3 00	@6 00
Calendulas.....	2 00	@4 00
Mignonette.....	3 00	@4 00
Gladiolus.....	6 00	@8 00
Larkspur.....	4 00	@6 00
Asparagus.....	per bunch, 50	

PITTSBURGH, July 19,		Per 100
Roses, Beauty, special.....	25	00
" fancy.....	20	00
" extra.....	15	00
" No. 1.....	8	00
" Killarney.....	2 00	@8 00
" My Maryland.....	2 00	@8 00
" Sunburst.....	2 00	@8 00
" Mrs. Aaron Ward.....	2 00	@5 00
" Richmond.....	3 00	@8 00
Cattleyas.....	30	00
Lilium Giganteum.....	8	00
Spanish Iris.....	4	00
Carnations.....	1 50	@2 00
Coreopsis.....	50	
Larkspur.....	4	00
Adiantum.....	1	25
Asparagus Sprengeri, per bunch.....	35	@40
Delphinium.....	4	00
Sweet Peas.....	50	

MILWAUKEE, July 19,		Per 100
Roses, Killarney and W. Killarney.....	3 00	@8 00
" Ward.....	3 00	@8 00
" Mrs. Chas. Russell.....	6 00	@20 00
" Ophelia.....	3 00	@10 00
" Hoosier Beauty.....	3 00	@10 00
Lilies.....	8 00	@10 00
Cattleyas.....	per doz., 6 00	
Sweet Peas.....	50	@1 00
Carnations, fancy.....	1 00	@2 00
Snappdragons.....	doz., \$.50	@\$.75
Gladioli.....	6 0	@8 00

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

St. Louis, July 19,		Per 100
Killarney.....	2 00	@4 00
White Killarney.....	2 00	@4 00
Aaron Ward.....	3 00	@6 00
Sunburst.....	4 00	@8 00
Ophelia.....	4 00	@8 00
Hoosier Beauty.....	5 00	@10 00
Cecile Brunner.....	2	00
Richmond Roses.....	3 00	@6 00
Valley.....	4 00	@5 00
Carnations.....	1 50	@2 00
Callas.....	6 00	@8 00
Lilies.....	6	00
Asparagus Plumosus, per bu.....	25	@75
Ferns.....	per 1000, 1 50	
Bronze Galax.....	per 1000, 1 00	

New York.

HEAVY SUPPLY ALMOST UNSALABLE.

There has been very little change in the condition of the cut flower market since our last notes were written. While business is dull with the retailers, it does not seem to be any worse than in previous years at this season. In the wholesale district the trouble is that there is an enormous quantity of stock arriving that is practically worthless. Good stock, of roses and carnations, which is scarce, is wholesaling for as much as can be expected at this time of the year. Good special American Beauties wholesale at the rate of \$20 to \$25 per 100. Good stock of tea roses wholesales at from \$1 per 100 for No. 1 to \$4 to \$6 per 100 for specials, depending on variety. Good carnations, which are very scarce, range from \$1 to \$2 per 100. These prices are for what may be termed the pick of the flock. There is a lot of stock arriving that cannot be sold, and it would be better for everybody, excepting the express companies, to dump it at the greenhouses.

July 17.—Business in the wholesale district is very light today. Good American Beauties continue scarce and the best go at the rate of \$25 per 100, but to get a dozen good ones, the wholesaler usually has to go over about a hundred, the remainder going into a cheaper grade. The supply of cattles is not heavy but there is little or no demand for them, and there is good stock in the market that remains unsold. The carnations, meaning good ones, are nearly out. Prices on the best stock have moved up a little, but that is only temporary, as the asters are now here. To summarize, there are no fixed prices on any stock; every wholesaler is a law to himself and acts accordingly.

NOTES.

We have received an elaborately printed invitation to attend the outing of the Washington Florists' Club at Great Falls, Va., July 19. A list of committeemen follows, and from personal knowledge we can state that each and every man is well qualified for the position: Wm. Earnest, chairman humepatopcharox; Geo. Shaffer, chairman arrangements; Geo. Cooke, chairman African golf; Wm. Marche, chairman currency; Harry Lewis, chairman medical and hospital; Wm. F. Gude, chairman preparedness; Edw. Schmid, chairman prizes and chickens; G. Milton Thomas, chairman sports; J. J. Barry, chairman lost children; J. Richards, chairman refreshments and ham inspector; A. Schnell, chairman arguments and disputes; A. Gude, chairman Mephisto and fireworks; Dave Bissett, chairman lecturer and guide over falls. There can be no doubt that it will be a very successful event.

The explosion of an ammonia tank in the basement of a meat shop at 418 Sumner avenue, Brooklyn, July 13, wrecked the retail flower store of N. Pepenos, at No. 416, but nobody was hurt. The building where the explosions occurred was demolished and five persons were killed, all that were in the building at the time. It is believed that for some unknown reason the water supply for cooling the ammonia failed, hence the explosion.

Prof. George M. Reed, of the University of Missouri, has been appointed fellow of research for the Brooklyn botanical garden and Prospect park, to investigate diseases of trees and shrubs. Dr. W. C. Rankin of Cornell, who formerly held the position having resigned, Mrs. Clarence R. Hyde has donated to the garden 51 books on botany and gardening.

George Peters & Sons, who have an

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

Mention the American Florist when writing

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of
its Best Growers.

Mention the American Florist when writing

extensive carnation range at Hempstead, L. I., and sell their stock in the rooms of the New York Cut Flower Company, have just purchased a fine commercial auto of the Ford make, for the daily trips to the market. In addition to carnations they are now bringing in quite a supply of asters.

Louis Giatras, who was formerly in the retail business on Columbus avenue, is now located at 239-241 Flushing avenue, Astoria, where he has a nice retail store, and also a finely appointed ice cream parlor. He owns both stores, and in addition, has erected a large apartment house.

We are advised that the Essex County, New Jersey, Florists' Club will hold its annual outing at Berkeley Heights, N. J., August 3. The party will make the trip from Newark and return in automobiles. A good attendance of New York wholesalers is expected.

F. Koller, who succeeded Charles Arnold at 180 Main street, Astoria, has been quite busy of late with funeral work. In Mrs. Koller he has a very active assistant. Peter Fallon, 208 Main street, Astoria, is another retailer who has a good wife to assist him.

W. G. Matthews and wife, of Dayton, O., visited this city, July 13, calling on Young & Nugent and other local florists. They had been on an extended tour of eastern cities and summer resorts, and found it very enjoyable.

Peter Jacobson, of Dean & Jacobson, growers of Astoria, has the fishing habit. He and C. W. Scott and John Miesem will be heard from soon, as a large reward is offered for a shark, dead or alive.

Leo Klein, the retailer, of Lexington avenue and 61st street, has just bought a new Ford auto, and yet the retailers say that it is the wholesalers who make all the money.

William Nigro, of H. E. Froment's staff, took advantage of his vacation to marry Miss Mabel Murray, of Atlantic City, N. J. We wish them happiness.

Many expressions of regret have been heard relating to the death of John Poehlmann of Chicago. Such men as he was are none too plentiful.

Wm. E. Tricker, of St. Paul, Minn., came east to attend his father's funeral and called on a number of his old friends.

Phil Ditzenbury, of Froment's, is on his vacation.

Hentz & Nash, Inc.

WHOLESALE

Commission Florists

55 and 57 West 26th St.,
NEW YORK.

Mention the American Florist when writing

—We are—

Wholesale Florists

Have twenty-two years experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

GUTTMAN & RAYNOR,

INC.
PHONES: 558 101 W. 28th St.,
FARRAGUT 2036 NEW YORK
2037

Mention the American Florist when writing

PHONE—FARRAGUT 8913

JAMES COYLE

WHOLESALE FLORIST

64 West 26th St., NEW YORK
(Opposite Coogan Building)

- 20 years experience

Consignments Solicited and Prompt RETURNS GUARANTEED.

Mention the American Florist when writing

Trade Directory

PRICE, \$3.00,
POSTPAID.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone:
 3864 Farragut.

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones { 1664 } Madison { 1665 } Square, **34 W. 28th St., New York**
 Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

GEO. J. POLYKRANAS
Wholesale Commission Florist
Consignments Solicited
104 West 28th St., NEW YORK
 Telephone No. 2264 Farragut.

Walter F. Sheridan
Wholesale Florist
 Telephone Call:
 3532-3533 Farragut **133 W. 28th St., New York**
 All the NEW ROSES, CARNATIONS and
 Seasonable Flowers.

HORACE E. FROMENT
WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses,
 Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
 Telephones: Farragut 300 and 301
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John Young & Co.
Wholesale Commission Florists
53 W. 28th St., NEW YORK
 Telephone 7362 Madison Square
 Mention the American Florist when writing

WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
 Telephone, 5336 Farragut
 Mention the American Florist when writing

J. J. COAN, Inc.
Wholesale Commission Florist
115 W. 28th St., New York
 Telephones: Farragut 5413 and 5891.
 CONSIGNMENTS SOLICITED.

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
 Tel. 608 and 609 Farragut.
 CONSIGNMENTS SOLICITED.
 Telephone Farragut 9761

Goldstein & Futterman
WHOLESALE FLORISTS
 The Right People to Deal With.
102 West 28th St., New York

Wholesale Flower Markets

NEW YORK, July 19.	Per 100
Roses, Beauty, special.....	8 00@25 00
" " extra and fancy.....	3 00@ 4 00
" " No. 1 and No. 2.....	1 00@ 2 00
" Prima Donna.....	1 00@ 8 00
" Alice Stanley.....	50@ 4 00
" Francis Scott Key.....	50@ 5 00
" Mrs. Geo. Sawyer.....	50@ 4 00
" White Killarney, special.....	3 00@ 4 00
" Killarney, My Maryland.....	3 00@ 4 00
" " special.....	3 00@ 4 00
" " No. 1 and No. 2.....	25@ 1 00
" " Queen.....	50@ 4 00
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CHICAGO

Our friend, Dr. Edward F. Bigelow, of Greenwich, Conn., editor of the "Guide to Nature," has been chosen scout naturalist by the managers of the Boy Scouts of America. For a number of years Dr. Bigelow has been editor of the nature and science department of the "St. Nicholas Magazine." Some of the farmer-florists who inhabit this zone might, with profit to themselves, read Dr. Bigelow's writings.

G. Laskas & Co., 270 Broadway, Brooklyn, have been established there for quite a number of years, and have a good store and a fine business. They also have a stand in the Broadway ferry house.

Mrs. James Capparel, wife of The Boston Florist, Lexington avenue and 34th street, died July 17 of tuberculosis. She was a native of Greece, and about 29 years old. She left no children. A. F. F.

New York Florists' Club.

President Henry Weston has appointed Walter F. Sheridan, chairman; Emil Schloss, J. A. Fiesser, W. H. Siebrecht, Joseph Fenrich, Roman J. Irwin and Peter Duff the nominating committee to select candidates for office for 1917. This committee is to make its report at the November meeting of the club. JOHN YOUNG, Sec'y.

Summer-Flowering American Viburnums

For many flowers the arboretum is indebted in early summer to four American species of viburnum which have been used in large numbers in its borders and roadside plantations. The earliest of these *V. dentatum* is already in bloom; it has handsome dark green leaves conspicuously toothed on the margins, and broad flat clusters of white flowers which are followed in early autumn by bright blue fruits on erect stems. This is a common roadside and meadow shrub in the northeastern part of the country. The second of these four viburnums, *V. cassinoides*, is also in bloom. It is a native of swamps in the northeastern part of the country where it sometimes grows 20 feet high, with slender, straggling stems. In cultivation it forms a broad, low, round-topped bush, and has proved one of the handsomest of all the viburnums introduced into the arboretum. The leaves are thick and lustrous and vary greatly in size and shape. The flowers are slightly tinged with yellow and are borne in wide, slightly convex clusters, which also vary greatly in size. The fruit is larger than that of the other summer-flowering American species, and at first yellow-green, later becomes pink, and finally blue-black and covered with a pale bloom, fruit of the three colors occurring in early autumn in the same cluster. In the viburnum collection, near the junction of the Bussey Hill and the Valley roads, there are a number of plants of this viburnum selected to show the variation in the shape of the leaves and in the size of the flower-clusters. The third of these summer flowering viburnums, *V. venosum*, resembles in its general appearance *V. dentatum*, but it flowers two weeks later, and the young branchlets and the lower sur-

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face of the leaves are covered with a coat of stellate hairs. This viburnum is found growing naturally only in the neighborhood of the coast from Cape Cod and Nantucket to New Jersey. A larger and a handsomer plant with larger leaves, more showy flowers and larger, later-ripening fruit, *V. Canbyi*, is the fourth of these species. It is a native of eastern Pennsylvania and northern Delaware, where it is not common, and of central Indiana; and it is the last of all the viburnums in the arboretum to flower. There are large specimens of this plant in front of the Administration building and at other points on the Meadow road. All these viburnums can be improved by cultivation and with generous treatment grow into larger and handsomer bushes than the wild plants, and bear larger leaves and better flowers and fruit. Few shrubs better deserve a place in American parks and gardens where they are still less often seen than they should be. Two rare American viburnums can now be seen in flower in the arboretum, *V. molle*, a native of southern Kentucky and southern Missouri, with which *V. venosum* was once confused, and *V. bracteatum*, which is known to grow naturally only on the cliffs of the Coosa river near Rome, Ga. One of the few plants in cultivation is on Hickory Path, near Centre street. *V. mollis* is in the general viburnum collection.—Arnold Arboretum Bulletin, June 23, 1916.

SPOKANE, WASH.—Peters & Sons will build a range on Wellesley avenue to cost \$3,000.

GREENSBURG, IND.—The Clark-Bertsch Floral Co. has been incorporated with a capital stock of \$50,000.

HOUSTON, TEX.—H. H. Kuhlman, Sr., who has been at Kerrville, Tex., for some time for his health, is reported very much improved.

TERRE HAUTE, IND.—J. G. Heinel & Son report a record-breaking business in ferns during the season just closed. They sold out completely.

CANTON, MASS.—A voluntary petition in bankruptcy has been filed by Albert Cartwright, 2200 Washington avenue, who lists liabilities of \$2,400 and assets, \$500.

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Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Briggs Floral Co., Chicago.
Brooklyn Cut Flower Market, Brooklyn, N. Y.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Comley, Henry R., 6 Park St., Boston, Mass.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Cross, Eli, Grand Rapids, Mich.
Dard's, 44th and Madison Ave., New York.
Dominion Floral Co., The Montreal, Quebec.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyles, 106 State St., Albany, N. Y.
Evenden Bros. Co., Williamsport, Pa.
Fox, J. M. & Son, Inc., Milwaukee, Wis.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
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Graham, A., & Son, Cleveland, O.
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Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Hatcher, John C., Schenectady, N. Y.
Hendle, Miles S., Syracuse, N. Y.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Higgins, N. F., Springfield, Mass.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Howard & Smith, Los Angeles, Calif.
Huscroft's Flower Shop, Steubenville, O.
Johnston & Co., T. J., Providence, R. I.
Joseph's, 233-235 Grant Ave., San Francisco.
Joy Floral Co., Nashville, Tenn.
Keller Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia, Pa.
London Flower Shop, Ltd., Atlantic City, N. J.
Mangel, Chicago.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
McMurray, D. M., Pueblo, Colo.
Metairie Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Ogden Floral Co., Chicago.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J. & Sons, Buffalo.
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Penn, The Florist, Boston, Mass.
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Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Potter Floral Co., El Paso, Texas.
Pyfer & Olsem, Wilmette, Ill.
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Rock, Wm. L., Flower Co., Kansas City.
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Sabelos, G., New York.
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Small & Sons, J. H., New York.
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Smith, Henry, Grand Rapids, Mich.
Stumpff, G. E. M., New York.
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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



Rochester, N. Y.

J. B. KELLER SONS,
FLORISTS

25 Clinton Avenue, N.
Rochester Phone. 506 Long Dist. Bell Phone 2189
Members of Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City

Houston, Texas.

Robt C. Kerr
Floral Co.

Main and McKinney Phone. Preston 160

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heisl)

336 Superior St., Toledo, O.
Both Phones, 527.

Special attention to Mail and Telegraph Orders.
Member of Florists' Telegraph Delivery.

Grand Rapids, Mich.

Eli Cross

Orders properly cared for.

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Huscroft's Flower Shop

173 North Fourth Street

All Orders Promptly Executed

DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

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CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.

THINK OF HEINL'S

KANSAS CITY,
MISSOURI.

Rock's
Flowers

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing



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C. H. FREY Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice.
Trade discounts. First-class stock.

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Send Telegraph, Telephone or Mail Orders
for florist service in this vicinity to

THE DOMINION FLORAL CO.

484 St. Catherine's St., West

Montreal, Que., Canada

Every order receives prompt and careful attention

Mention the American Florist when writing



3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

Mention the American Florist when writing

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Mention the American Florist when writing

Trade Directory

Price: \$3.00, Postpaid.

American Florist Co.,
440 S. Dearborn St., CHICAGO

Telephone 1813 Main

JOS. LEVY

BROOKLYN

Cut Flower Market, Inc.

Floral Designs a Specialty

356 FULTON STREET

BRANCH: 408 Fulton St.
BROOKLYN, N. Y.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members of Florists' Telegraph Delivery.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

Wolfskill Bros. and
Morris Goldenson

Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

Kansas City, Mo.

Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

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California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully
cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS
Members of Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Avenues

Flowers delivered in city and state on short notice
Member of Florists' Telegraph Delivery.

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FLORIST AND DECORATOR

150 State St., SPRINGFIELD, MASS

Rockford, Ill.

H. W. BUCKBEE.

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DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Pueblo, Colo.

D. M. McMurray
FLORIST

105 East Abriendo Ave.

Mention the American Florist when writing

Send Telegraph, Telephone or Mail orders for florist service in this vicinity to

Howard & Smith

853 So. Olive St., Los Angeles, Calif.

Every Order sure to receive prompt and careful attention.

Mention the American Florist when writing

WORCESTER, MASS.

Randall's Flower Shop,

13 Pleasant Street.

Member of Florists' Telegraph Delivery.

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of Florists' Telegraph Delivery.

VAN METER FLOWER SHOP
SPRING
and HIGH, Springfield, O.
BEST FLOWERS for EVERY OCCASION.

Williamsport, Pa.
EVEN DEN BROS. CO.

Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

Boston, Mass.

HENRY R. COMLEY, Florist, 6 Park St.

50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

Mention the American Florist when writing

John C. Hatcher

Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Hoffmans, N. Y.

Mention the American Florist when writing

FREY & FREY,

1338 O Street, LINCOLN, NEB.
WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

El Paso, Texas.

Potter Floral Co.

Member of Florists' Telegraph Delivery.

Trade Directory

Containing the Names and Addresses of Florists of the United States and Canada.

PRICE, \$3.00 POSTPAID.

American Florist Co., 440 S. Dearborn St., Chicago

Boston, Mass.

Penn The Florist

"Penn, The Telegraph Florist"

Member of Florists' Telegraph Delivery Ass'n.

124 TREMONT STREET

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

Mention the American Florist when writing

Philadelphia, Pa.

M. J. CALLAHAN
FLOWERS

3924 Market Street Both Phones

Chicago.

BRIGGS FLORAL CO.

228 W. Madison St.
801 Sheridan Road.

Special attention paid to telegraph orders in Chicago and vicinity. One of our stores is located in the heart of the city and the other in the select north side residential district.

Los Angeles, Calif.

SEKI BROS. & CO.

Wholesale and Retail Florists

We grow our own flowers

All kinds of Decoration a Specialty

Phone A-2550

229 W. 4th Street

PYFER & OLSEM

WILMETTE, ILLINOIS

Careful attention to all mail or telegraph orders for delivery in Wilmette—Chicago's North Shore Suburb—Evanston, Kenilworth, Winnetka, Glencoe, Lake Forest.

LEWIS HENDERSON, Florist

1814 Douglas St., OMAHA, NEB.

Member of Florists' Telegraph Delivery.

Lang Floral & Nursery Co., Dallas Texas

1303 Main Street

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

Sedalia, Missouri.

Archias Floral Co.

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

Members of Florists' Telegraph Delivery.

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

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A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and I Street

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of Florists' Telegraph Delivery.

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Members of Florists' Telegraph Delivery.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

Chicago.

D. F. SIMONDS
J. R. BUTZOW

OGDEN FLORAL CO.

1917 Harrison St.

We are Located Near Seven of Chicago's Leading West Side Hospitals and Can Fill all Orders properly on short notice. L. D. Phone, West 722

Mention the American Florist when writing

PROVIDENCE, R. I.

T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WETBOSET ST., PROVIDENCE

Mention the American Florist when writing

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President; F. W. Bolgiano, Washington, D. C., First Vice-President; L. L. Olds, Madison, Wis., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fifth annual convention, June, 1917.

ONION SET growers in the Chicago district report maggot unusually active in their crops. Rain is needed.

MT. STERLING, KY.—George Hays of Louisville has purchased an interest in the Blue Grass Seed Co. of this city.

CHICAGO.—Prices for grass seed on the Board of Trade, July 19, were as follows: Timothy, \$5 to \$7 per 100 pounds.

ARNOLD RINGIER, of the W. W. Barnard Co., Chicago, returned this week from Wisconsin, where he has been inspecting crops.

TAMPA, FLA.—On August 1, the Allen & Reils Seed Company will open up with a complete line of seeds, feed and supplies.

PHILADELPHIA, PA.—W. Atlee Burpee & Co., following last year's plan, close their city office all day Saturday during July and August.

YORK, PA.—James, James T. and Wm. J. Anderson have incorporated the Anderson Bros. Company to deal in seeds in this city. Capital stock of the concern aggregates \$40,000.

LOUISVILLE, KY.—W. N. Arterburn, president of Wood, Stubbs & Co., has been confined in a local hospital as the result of injuries received in a collision between his automobile and a motorcycle.

SPRINGFIELD, MO.—The following officers of the Springfield Seed Co. have been re-elected for the ensuing year: R. R. Ricketts, president; W. D. Murray, vice-president; A. S. E. Sanders, secretary-treasurer.

FIXATION and assimilation of nitrogen by leguminous plants is described by A. L. Whiting of the agricultural experiment station, University of Illinois, Urbana, in Bulletin No. 179. The booklet gives account of many original experiments and is profusely illustrated.

MILWAUKEE, WIS.—The Courteen Seed Company has started the erection of a modern brick seed house at Twin Falls, Idaho. The plant when equipped with machinery will cost approximately \$25,000. The main structure will be 65x100 feet, and modern in every respect.

MITCHELL, S. D.—W. A. Wheeler, secretary of the Dakota Improved Seed Co., has recently been appointed by the federal Department of Agriculture as a specialist in market seeds, a new office recently created by that department. The duties of the position will be to investigate the methods of marketing agricultural seeds, especially the seeds of the cereals, forage grasses and legumes, and to render assistance to producers and dealers in organizing and marketing their products. Mr. Wheeler will begin his new duties about the middle of July.

Catalogues for the Argentine.

The attention of the postmaster general has been called to the practice of American business men in sending catalogues by parcel post to Argentina. Such practice costs the recipient in that country from \$1.27 to \$1.70 for stamps and expenses, besides costing the American firm more to send catalogues by parcel post than as printed matter. The rate by parcel post is 12 cents a pound and as printed matter it is at the rate of eight cents a pound up to four pounds six ounces, and merchants' samples two ounces for one cent up to 12 ounces, with a minimum of two cents for a shipment. In this connection the attention of the post office department has been called to the



The Late W. E. Dallwig.
See Obituary, Page 8.

following letter written by a leading importing house in Argentina:

"Referring to the conversation which the writer recently had with your good self regarding the trouble and expense we are continually put to owing to the custom which North American manufacturers have recently adopted of forwarding us catalogues by parcel post, we desire to again call your attention to this matter, as of late it has become a regular abuse.

"As already explained to you, the first advice we receive of these catalogues is the official notice from the custom house that a parcel, contents unknown, has arrived for us. We have no means of ascertaining beforehand the contents of such parcels, and have to pay in each instance from \$3.00 to \$4.00 paper (\$1.27 to \$1.70) for stamps and expenses, only to find that in many cases the catalogues are of no interest to us whatsoever. All this trouble and expense could be avoided if the catalogues were sent by registered book post. We therefore venture to request you to kindly take the needful steps to remedy the matter."

The American consul, who has brought this situation to the attention of this government, says in conclusion:

"In the interest of our export trade, this office considers that it is of the highest importance that American exporters refrain from transmitting samples and catalogues by parcel post, unless expressly instructed so to do by the addressee. If the suggestion may be made, the writer believes that the widest publicity should be given the matter and that, if feasible, it would be well to enlist the co-operation of the post office department in bringing it to the attention of firms mailing catalogues and samples to Argentina."

The post office department earnestly suggests that shippers consult with their local postmasters in regard to the foreign rates and conditions of mailing to avoid unnecessary annoyance and expense to the persons addressed.

Southern Conditions.

G. B. McVay, of the McVay Seed & Floral Co., Birmingham, Ala., writes as follows, May 26:

"The seed season now coming to a close with us has been the most unsatisfactory one in the many years of our business experience, and it is difficult to locate the precise source of the trouble, but from close observation we are led to conclude that unusually prosperous conditions in our section of the country, especially along industrial lines, always seem to have a tendency to lessen the demand for garden seeds and has doubtless diminished the planting of such seeds to a very considerable extent.

"There has been a great falling off in the demand for garden and field seeds, the latter to be attributed to the fact that many farmers are engaging in the field seed business. Farmers are beginning to save and improve their field seeds, and are constantly bringing out new varieties, offering them to the planters themselves. The same conditions apply, in a smaller measure, even to garden seeds, so that it would seem that the southern seedsmen are face to face with serious competition from the farmer seedsmen.

"Another cause responsible for an unsatisfactory season is the fact that up to May 16 our season was unusually dry and cool, creating conditions under which it was impossible to plant certain seeds and inasmuch as these conditions obtained until such a late period many farmers refrained from planting at all.

"Another thing that has contributed no little to present conditions is the extreme scarcity and high price of commercial fertilizers which are always an important factor in southern planting."

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

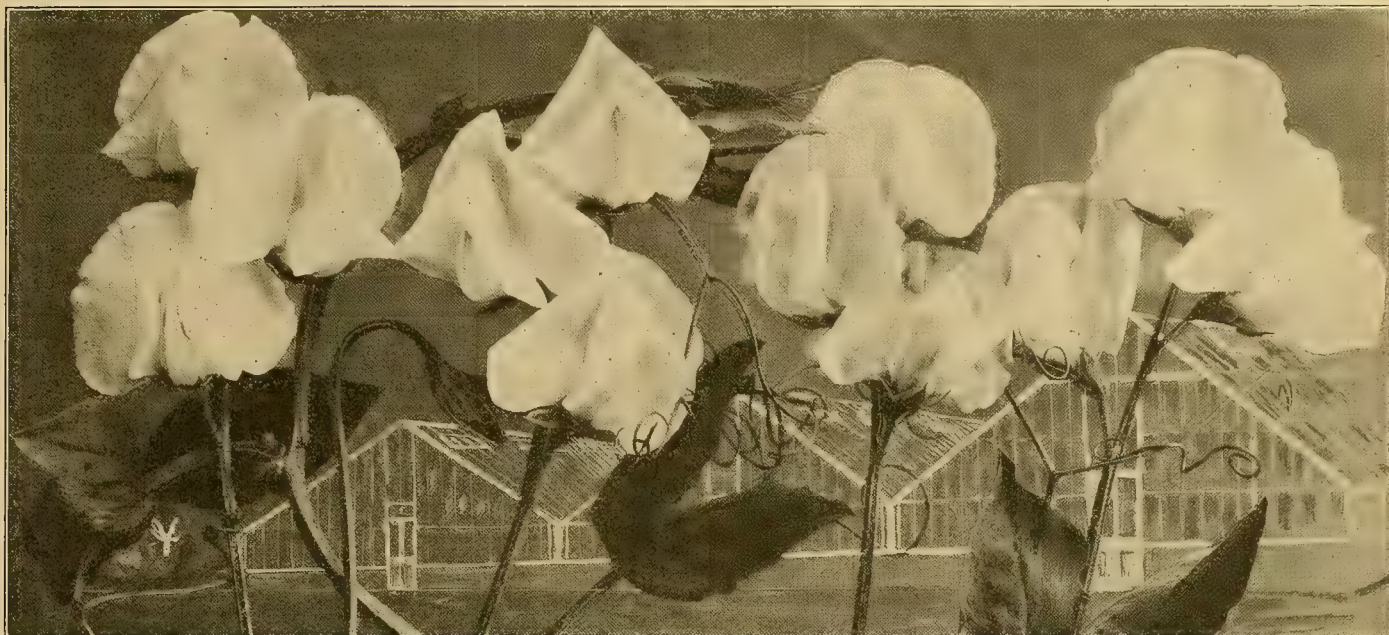
Braslan

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Seed Growers

SAN JOSE, CALIFORNIA

Company



SWEET PEAS FOR FALL SOWING

New Early Flowering Long Season Spencers.

The originator says: "One thing we are absolutely sure of is that these we are offering have come absolutely true for three consecutive years."

Early Morning Star.

The color is a deep orange scarlet or flame color in standard with rich orange pink wings. The flower is practically the same color as the late flowering Spencer "Dobbie's Thomas Stevenson." It does not burn badly out in the open and under glass will be magnificent. The flowers are large and of best Spencer form and borne in threes and fours in wonderful profusion. Under artificial light it is superb.

25 Seeds, 25c; Trade Pkt. (¼ oz.), \$1.25; oz., \$4.50 net.

Early Song Bird.

We are sure this will be the leading pale pink for Florists. The flower is the same color as "Florence Morse Spencer," and a bit lighter than "Elfrida Pearson." It has the same excellent form and features of Mrs. Hugh Dickson but is on white ground. The placement of the flowers is splendid for packing and the flowers are borne on long stems in threes and fours. When in full growth it seems as though every stem carried four large blossoms.

25 Seeds, 25c; Trade Pkt. (¼ oz.), \$1.00; oz., \$3.50 net.

Early Melody.

This is a deeper shade of pink than "Early Song Bird," on white ground, closely resembling "Countess Spencer" and near "Hercules." It might be described as rose pink on white ground. The effect when bunched is most pleasing.

It is very floriferous. The flowers are borne on long stems and mostly four large well-waved blossoms to each stem.

25 Seeds, 25c; Trade Pkt. (¼ oz.), \$1.00; oz., \$3.50 net.

Early Spring Maid.

The color is light pink on a cream ground and the blossoms have the same splendid characteristics of "Mrs. Hugh Dickson" for a florist's flower.

It is a most effective flower and carries a great wealth of blossoms borne in fours on long stems. There is no Early Spencer cream pink which is as attractive as "Early Spring Maid."

25 Seeds, 25c; Trade Pkt. (¼ oz.), \$1.00; oz., \$3.50 net.

Early Snow Flake.

This is the best Early Flowering White Seeded Spencer. The blossoms are very large and of the best waved Spencer form. The flowers are borne in wonderful profusion on long stems.

25 Seeds, 25c; Trade Pkt. (¼ oz.), \$1.25; oz., \$4.50 net.

Early Heather Bell.

This will be one of the most popular shades with all Florists, as it will be so useful for making up for any occasion. The flowers are very large, borne in fours and threes on long stout stems, and are of beautiful bold Spencer form. The color is a rich but pleasing mauve, but after standing in water the color becomes a beautiful mauve lavender.

25 Seeds, 25c; Trade Pkt. (¼ oz.), \$1.25; oz., \$4.50 net.

WINTER FLOWERING===Unwin Type.

Trade Packets contain one-quarter ounce.

	Trade Pkt.	Oz.	Lb.
Blue Jay. Bright blue self color.....	\$0.15	\$0.50	\$6.00
Lavender Nora. Most pleasing lavender, long stems, a splendid commercial variety.....	.20	.75	

WINTER FLOWERING===Spencer Type.

	Trade Pkt.	Oz.	Lb.
Anita Wehrman, Clear lavender.....	\$0.25	\$0.75	\$9.00
Mrs. A. A. Skach, Flowers exceedingly large, much fluted, usually 4 to a stem, bright shell pink...	.20	.65	8.00
Mrs. J. Manda, Light shell pink, extra long stems...	.20	.65	8.00
Mrs. Woodrow Wilson, Appleblossom pink.....	.30	1.00	
Pink and White, Blanche Ferry type, one of the best commercial varieties .....	.20	.65	8.00
President Woodrow Wilson, Magenta rose.....	.30	1.00	
Rose Queen, Beautiful rose pink.....	.50	2.00	
Selma Swenson, Clear light soft pink.....	.30	1.00	12.00
Venus, Perfect shape, standard white, slightly blushed pink wings .....	.25	.75	9.00
White Orchid, White flowers of good substance.....	.20	.65	8.00
Yarrowa, The color on opening is rose, changing as the flower develops to a light pink standard, tinted buff, with blush wings. The flowers are exquisitely waved, many being double flowered and produced on long stems.....	.20	.65	8.00
Winter Flowering Spencers Mixed.....	.20	.65	8.00

WINTER FLOWERING===Grandiflora Types.

	Oz.	¼ lb.	Lb.
Canary Bird. Early yellow.....	\$0.10	\$0.25	\$0.80
Christmas Countess { Sky blue .....	.10	.35	1.20
Mrs. C. H. Totty {			
Christmas Pink { Pink and White .....	.10	.30	1.00
Earliest of All {			
Christmas Meteor. Brilliant red.....	.10	.30	1.00
Christmas Prima Donna { Daybreak pink .....	.10	.30	1.00
Mrs. F. J. Delansky... {			
Christmas White { Pure white.....	.10	.30	1.00
Mont Blanc..... {			
Florence Denzer {			
Mrs. Alexander Wallace. Lavender.....	.10	.35	1.25
Mrs. E. Wild. Bright rose.....	.10	.35	1.25
Mrs. W. W. Smalley { Salmon pink .....	.10	.35	1.25
Mrs. William Sim... {			
Snowbird..... { Black-seeded white... ..	.10	.35	1.25
Burpee's Earliest White {			
Mrs. George Lewis. Black-seeded white.....	.10	.35	1.25
Le Marquis. Navy blue.....	.10	.30	1.00
Winter-Flowering Grandiflora Type, Mixed.....	.10	.30	1.00

Ask for Complete Mid-Summer List of Flower Seeds.

VAUGHAN'S SEED STORE

CHICAGO, 31-33 W. Randolph St.

NEW YORK, 43 Barclay St.

CYCLAMEN!!

The best plant for Xmas and after.
For the world's finest strains.

The St. Georges Nursery Company,
Harlington, Middlesex, England.

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, - - NEBRASKA

Mention the American Florist when writing

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

Mention the American Florist when writing

My New PRICE LIST of

Winter Orchid-Flowering Sweet Pea Seed

Has been mailed. If you have not received a
copy, send Postal for it.

Part of new crop will be ready early in July.

Ant. C. Zvolanek, Lompoc, Calif.

Mention the American Florist when writing

Grass Mixtures

— FOR —

Golf-Tennis-Polo

MEET ALL REQUIREMENTS FOR ALL SOILS
The Albert Dickinson Co.,
CHICAGO, ILL.

BARNARD'S
Seed Store
231-235 W. Madison St.
CHICAGO.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport, - England.

Mention the American Florist when writing

SIMON LOUIS FRERES & CO., Bruyeres-le-Chatel (Seine et Oise), France.

ESTABLISHED 1666.

Wholesale Growers and Exporters of Choice Stocks of

Vegetable, Flower and Forage Seeds

Specialties—Giant Half-Sugar Mangel-Wurzel, Beet, Carrot, Celery, Dandelion,
Endive, Leek, Lettuce, Radish, Swiss-Chard, Swede and Turnip,
IMPORTERS OF—Red-top, Meadow Fescue, Blue GRASS, Sunflower, Timothy and Garden Peas. ENGLISH CORRESPONDENCE.

Our traveling salesman, MR. LAWRENCE S. PAYN, who has been calling on the American
trade for many years past, is now in the United States and all mail should be addressed
to him care F. B. Vandegrift & Co., 15 Whitehall Street, New York.

Mention the American Florist when writing

BEANS, PEAS, RADISH AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write for prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St., Telephone Main 2762. CHICAGO

Mention the American Florist when writing

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Asters,
Cosmos, Nignonette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing

PANSY SEED

My Giant Pansy seed new crop now ready,
contains the finest mixtures in superb colors all
grown from selected stock. Try a pkt. of this
seed you will not be disappointed. 1 pkt., 5000
seeds, \$1.00; ½ pkt., 50c; \$4.00 per oz.; 3 ozs.,
\$10.00. Cash with order.

E. B. Jennings, SOUTHPORT, CONN.
Lock Box 254.
Grower only of the finest Pansies.

Mention the American Florist when writing

Attention Mr. Florist!!!**Order Now!!!**

HOGEWONING'S

Extra Selected Dutch Grown Bulbs for Fall Planting

ALL BULBS GUARANTEED TRUE TO NAME AND DESCRIPTION.

SINGLE EARLY TULIP BULBS.

	Per 100	Per 1,000		Per 100	Per 1,000
Artus, Dark Red.....	\$0.60	\$5.50	Pink Beauty, Extra Fine.....	\$1.80	\$16.00
Couleur Cardinal, Purplish Red.....	1.20	10.00	Chrysolora, Pure Yellow.....	.70	6.00
Crimson King, Scarlet.....	.70	6.00	Mon Tresor, Pure Yellow, Early.....	.90	8.00
La Belle Alliance, Scarlet.....	.90	8.00	Yellow Prince, Yellow Shaded Red.....	.70	6.00
Vermilion Brilliant, Scarlet.....	1.20	10.00	Kelzerkroon, Brilliant Red.....	1.40	12.00
La Reine, White, Pink Shaded.....	.60	5.00	Prince of Austria, Deep Orange.....	.90	8.00
L'Immaculee, Pure White.....	.60	5.00	Proserpine, Cherry Rose.....	1.40	12.00
Cottage Maid, Striped Pink.....	.60	5.00	Mixed, All Colors, Extra Fine.....	.60	5.00
Rose Grisdelin, Pink.....	.60	5.00	Separate Colors, Extra Fine.....	.65	5.50

DOUBLE EARLY TULIP BULBS.

Imperator Rubrum, Red.....	1.40	12.00	Couronne d'Or, Deep Yellow, Extra.....	1.40	12.00
Murillo, Pink, Very Fine.....	.80	7.00	Titian, Red, Edged Yellow.....	1.00	9.00

DARWIN TULIP BULBS.

Allard Pierson, Dark Brown.....	1.20	10.00	Kate Greenaway, White with Lilac.....	1.20	10.00
Baronne de la Tonnaye, Rose.....	2.00	18.00	Loveliness, Satiny Rose.....	1.40	12.00
Clara Butt, Bright Rose, Extra.....	1.10	10.00	Pride of Haarlem, Cherry Red.....	1.40	12.00
Gretchen, Soft Salmon Rose.....	.90	8.00	Orion, Bright Red, Large Flower.....	1.40	12.00

HYACINTH BULBS—FIRST SIZE—For Forcing and All Other Purposes.

Gertrude, Rose Pink.....	3.80	34.00	L'Innocence, Pure White.....	3.80	34.00
Gigantea, Light Pink.....	3.80	34.00	Grand Maitre, Porcelain Blue.....	3.80	34.00
Robert Steiger, Deep Crimson.....	3.80	34.00	King of the Blues, Dark Blue.....	3.80	34.00
Grandeur a Merveille, Blush.....	3.80	34.00	Queen of the Blues, Light Blue.....	3.80	34.00
La Grandesse, Pure White.....	3.80	34.00	King of the Yellows, Yellow.....	3.80	34.00

HYACINTH BULBS—SECOND SIZE.

In above named, 10 varieties.....	2.50	22.00	In 6 different Colors.....	1.40	12.00
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NARCISSUS BULBS.

Emperor, Mother Bulbs.....	1.40	12.00	Bicolor Victoria, Mother Bulbs.....	1.40	12.00
Emperor, Single Nose.....	.80	7.00	Bicolor Victoria, Single Nose.....	.80	7.00
Golden Spur, Mother Bulbs.....	1.40	12.00	Von Sion, Mother Bulbs.....	1.40	12.00
Golden Spur, Single Nose.....	.80	7.00	Von Sion, Single Nose.....	.80	7.00

Prices are F. O. B. New York, Freight, Duty, Packing and all other expenses paid.

Varieties not mentioned above, quoted on application. Special prices for large quantities of any one variety.

5 per cent may be deducted for cash with order.

HOGEWONING & SONS, Bulb Growers,

Branch Office: 32 Broadway, New York.

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Contract Growers of

Pepper Tomato Egg Plant Spinach
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Stokes Seed Farms Co., Inc.
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J. BOLGIANO & SON,Wholesale Garden and Field Seeds,
Onion Sets, Seed PotatoesGrowers of Pedigree Tomato Seeds
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The Everett B. Clark Seed Co.**GROWERS FOR THE TRADE**Beans, Peas, Sweet Corn, Onion, Turnip
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Sweet Pea and Nasturtium Specialists.

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Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

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LILY BULBS**FALL SHIPMENT FROM JAPAN**

Prices quoted F. O. B. New York, Chicago, Denver, San Francisco, and London (Ont.)

Write for quotations stating quantity, variety and size required.

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VALLEY
FROM STORAGE**H. N. BRUNS**

3032 Madison Street, CHICAGO

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Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Howard W. Selby, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

Next annual convention will be held in Chicago, September, 1916.

Witloof Chicory.

Condensed from Bulletin No. 418 of the Geneva, N. Y., Experiment Station, by F. H. Hall.

Salads are now very popular on American tables as they have long been with European epicures. The crispness and delicacy of a well-made salad, with the novel flavor combinations and gustatory thrills made possible by judicious union of new plant tastes and aromas with the mild acids and rich oils used by expert chefs, have a peculiar appeal to delicate palates, long wearied of heavy meats and vegetables or cloyed by rich desserts and pastries. Consequently, in any of our large cities where surplus wealth accumulates, a ready market exists for any salad plant that pleases at once both eye and palate. Such a plant is Witloof chicory; and since its culture in New York state is not only possible but practicable and easy it would seem that market gardeners and forcing-house men are missing an opportunity for a nice supplement to their revenues unless they grow it.

Witloof chicory is a Belgian development of the ordinary chicory whose roots are used as a coffee adulterant or coffee substitute and which has been cultivated to some extent in America, running wild in many sections to become a pernicious roadside and pasture weed with striking blue flowers. The common chicory, or succory, has often or loose leaves (Barbe de Capuchin) been forced in winter to form heads for use in salads or to be cooked for "greens" as are dandelions. But Witloof (White-leaved) chicory is a better forcing plant, with larger roots than the common chicory, and with heavy, broad smooth leaves that make very attractive heads when properly grown. The plant is also known as Brussels chicory, from its supposed place of origin, and, improperly but most commonly in the markets, as "French endive."

Witloof chicory makes very attractive salads, white, crisp, faintly bitter but with a characteristic flavor most pleasing to practically all palates. The heads may also be used as a pot-herb, similar to spinach or dandelions, but are more delicate than either. Great quantities of Witloof chicory have been grown about the larger cities of Belgium and France and sold for local consumption or sent to Germany, Switzerland, England, and, recently, to the United States. Before the war, Witloof was sold in London markets, undoubtedly with profit, at from four to eight cents a pound. It then brought 25 or 30 cents a pound in New York markets and now, because of restricted growth and transportation difficulties, brings nearly double these prices.

Realizing these conditions it seemed wise for the station to ascertain whether Witloof chicory can be grown and forced readily and cheaply in New York state. Both growing the

plants and forcing the heads prove to be easy and inexpensive. The seed imported for these tests from England but sold by many American seedsmen, is not expensive, and the growth of the plants to form forcing roots is simple. The seed may be sown any time in May in open ground, in rows 18 inches apart and the plants later thinned to six inches apart in the row. Ordinary garden culture only is needed, but the plants should make a steady luxuriant growth, resembling large, smooth-leaved dandelions. The roots should be lifted just before the ground is liable to freeze, the leaves trimmed to within two inches of the crown, and the roots stored.

When needed for forcing,—January 3, in the station test,—the roots should be placed in beds or boxes where moderate heat can be applied, first cutting them off at the bottom to a uniform length of eight or nine inches. For holding the roots any soil or sand will do, since the growth of the heads is from the food stored in the roots and does not depend at all on the soil fertility. The roots may be set quite close together, but not touching, upright in the soil and covered to the crowns. Various materials may be used for holding and bleaching the heads during their growth, but in the station tests eight inches of clear sand was used with splendid results. This was placed on the bedding material as soon as the roots are set. One or more free applications of water should be made. From experiments at different temperatures, from 50° to 60° F. would seem to be desirable, the latter probably preferable since growth is slower at the lower temperature. Higher temperature than 60° for any considerable period causes the leaves to shoot up rapidly and decrease the proportion of solid heads. At these temperatures the leaves should begin to show through the eight inches of sand in about two weeks, when the heads are ready for harvesting.

In the station tests four grades of roots were used; Extra, averaging two inches in diameter, large, 1.4 inches, medium, 0.9 inch, and small, 0.6 inch. Of these the large and medium roots gave more than 70 per ct. of marketable heads, while the extra roots produced too many divided and loose heads, or heads too large to serve satisfactorily as individual portions at table. The small roots produced many small heads, too slender for market purposes. The heads should be from four to six inches long and weigh two to three ounces to suit the market best. In Europe they are packed in baskets holding 10 kilograms (22 lbs.); but a filled three pound Climax basket makes a very satisfactory package for small American markets. The heads grown in these experiments were pronounced excellent by local grocers who have handled imported Witloof, and far superior to the foreign product in crispness and delicacy.

Vegetable Growers' Ass'n. of America.

CHICAGO CONVENTION COMMITTEES.

At a meeting held at the Planters' hotel, Chicago, July 13, a permanent organization, known as the Chicago convention committee of the Vegetable Growers' Association of America, was formed for the purpose of arranging a programme and entertainment of the Vegetable Growers' Association of America during the convention to be held in Chicago in September (exact date to be announced later).

The officers and committees are as follows: Fred Lautenschlager, president; James B. Foley, secretary; E. F. Kurowski, treasurer.

Finance committee — Geo. Sykes, chairman; Leonard Vaughan, W. L. Kroeschell and D. J. Coyne.

Entertainment committee — D. J. Coyne, chairman; Philip J. Foley, Leonard Vaughan, E. F. Kurowski, R. F. Dilger and Aug. Geweke.

Trade exhibit committee — A. Dietsch, chairman; Rudolph Kurowski, Geo. Sykes, Jr., J. E. Pollworth, Leonard Vaughan, and John Leonard.

Hotel, trade space and meeting room committee — W. L. Kroeschell, chairman; Geo. Sykes, Leonard Vaughan, and Carl Ickes.

Programme committee — Sam. W. Severance, Louisville, Ky., chairman.

Reception committee — J. E. Pollworth, chairman.

Banquet committee — Leonard Vaughan, chairman, W. L. Kroeschell, Geo. Sykes, Philip J. Foley, D. J. Coyne and P. L. McKee.

Further appointments will be announced at forthcoming meetings. It is the earnest desire and intention of the committee to make the forthcoming convention a perfect success, and with proper co-operation of all parties interested, success is assured. The Chicago convention promises to embody unique features, and it will be the aim of the committee to bear out the reputation of Chicago as "The convention city" of the United States. Incidentally, the Chicago Association of Commerce is taking a lively interest in this enterprise, and will work with us.

JAS. B. FOLEY, Sec'y.,
Chicago Convention Committee.

Vegetable Plants

Celery, White Plum, Giant Pascal, and Golden Heart, \$1.00 per 1000; 10,000 and over, 85c per 1000.

Parsley, Dwarf Fern leaf, 25c per 100; 1.25 per 1000.

Cabbage, \$1.00 per 1000; 10,000 and over, 85c per 1000.

Cash with the order.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, Fancies, Petunias, Phloxes, Primulas, Scabiosa, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

New Early Flowering Giant Pansies

Or Winter Blooming



An entirely new and distinct strain of Pansies. The main advantage of these new Pansies over all hitherto existing Pansies is the extreme earliness of flowering and its unusual hardiness, which enables them to withstand quite severe Winters, and to bloom right on into the Summer. Sown at the same time as other Pansies, they begin flowering the early part of March or as soon as the snow is off the ground, many times having four or five large flowers to a plant, when all other Pansies are only showing buds. The flowers are large, well formed and fragrant. They are highly recommended for Autumn planting on graves, and for very early bedding, as well as for early cut flowers.

14. **WINTER SUN.** Golden yellow with dark eye.
15. **ICE KING.** Silvery white, with dark blue eye.
16. **CELESTIAL QUEEN.** Light or sky blue.
17. **CHARM OF MARCH.** Dark velvety blue.
18. **MIXED.** The above four colors with other shades and variations.

Each color separate or mixed, 500 seeds 50c, 1000 seeds \$1.00,
 1/4 oz. \$2.00, 1/2 oz. \$3.75, 1 oz. \$15.00. For list and
 price of other Kenilworth Pansy Seed, see my
 ad. of July the 8th.

FREE OFFER RAINBOW is a mixture of the most beautiful, gorgeous colors, blotted, striped, veined, margined, etc. With every \$1.00 worth of Pansy seed, I will send, free, 1000 seeds of Rainbow and with other amounts in like proportion.

Chas. Frost
Kenilworth,
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Large Growers and Shippers of
BEANS, PEAS
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ONION SEED

Correspondence Invited
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TOMATO SEED

Grown For The Wholesale Seed Trade.
HAVEN SEED CO.
 SANTA ANA, CALIFORNIA.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
 Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
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Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
 etc., **ASTERS** and **FLOWER SEEDS** in
 general; **TOMATO**, **LIMA** and **POLE**
BEANS, write

JOHN BODGER & SONS CO.,
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 LOS ANGELES, CALIFORNIA.

HILL'S CHOICE LANDSCAPE, DECORATIVE AND FORCING STOCK FOR FLORISTS' TRADE

Boxwoods—Pyramids, Standards, Globes,
 Bush, Dwarf—one of our leading specialties.
 Stocked in enormous quantities.

Bay Trees—Standards, Half-standards, Pyramids. We can save you money and give better quality. Let us prove it.

Hardy Tubbed Evergreens—Clipped specimens in Taxus, Thuyas, Juniperus, Abies varieties in Pyramids, Globes and natural-shaped, in large assortment.

Araucarias—Best sorts, best values, in both small and large sizes, for immediate effect and growing on.

Forcing Stock—Azaleas, Rhododendrons, Aucubas, Skimmia Japonica, Hydrangeas, Lilacs, Spiraeas, Magnolias, Japanese Maples, Wistaria Chinensis, Japanese Flowering Cherry, Peonies, Roses, in large assortment, choicest quality, best commercial sorts.

Wholesale price list will be mailed upon request.

THE D. HILL NURSERY COMPANY, INC.

EVERGREEN SPECIALISTS
 LARGEST GROWERS IN AMERICA

Landscape Evergreens and Conifers—New, rare and standard varieties. Small, medium and large sizes supplied in perfect specimens, with ball and burlap. Largest and most extensive collection in America.

Window-Box Plants—Hardy Coniferous Evergreens for winter use. All hardy and desirable sorts, best selection, lowest prices. Also Bush Box and Dwarf Edging. This line offers wide-awake florists a grand opportunity to increase their sales and profits.

Deciduous Trees and Shrubs—Our leaders—Norway Maple, American White Elm and Japanese Barberry.

Young Stock for Lining Out—Ornamental Evergreens and Deciduous Trees and Shrub seedlings, rooted cuttings, grafts, etc., in large assortment at very low prices. Annual output, 10,000,000 plants.

Write for information and price today.

Box 404, DUNDEE, ILL.

WHOLESALE GROWERS AND IMPORTERS

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.
 Woolworth Bldg., New York City

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
 Sweet, Flint and Dent Seed Corn.

James Vick's Sons

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SEEDS
PLANTS
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All the leading
 kinds for summer
 and fall planting.

Ask for Catalogues. ROCHESTER, N. Y.

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale
 Farm.

Bristol, Pa.

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The Nursery Trade

American Association of Nurserymen.

John Watson, Newark, N. Y., President;
Lloyd C. Stark, Louisiana, Mo., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-second annual convention will be held at Philadelphia, Pa., June, 1917.

Gross Opens Detroit Office.

After being associated with The Mount Greenwood Cemetery Association, Morgan Park, Chicago, for nearly 15 years, A. R. Gross is leaving their employment in order to open an office in Detroit, Mich., for the practice of his profession as a landscape gardener. He carries with him the good wishes of all with whom he has been associated.

Mr. Gross has had most thorough training and experience, not only in the designing and development of cemetery grounds but, what is almost equally as important, he has a thorough experience in the administration and operation of cemeteries and accounting and recording. He will thus bring to persons securing his services, not only high artistic ability in landscape design, but a proper knowledge and appreciation of the practical matters that are so highly important to be considered in such cases.

He will still remain connected with the Mount Greenwood Cemetery Association as consulting landscape gardener.

American Association of Nurserymen.

SECRETARY HALL'S REPORT.

Members of American Association of Nurserymen:

A duty placed upon your secretary by a resolution adopted at the Detroit convention, was to express to the "grand old men" of the association that three pioneers were unable to be present at that gathering. This communication was written to J. Van Lindley, E. W. Kirkpatrick, C. L. Watrous (since deceased), A. N. Willis, and C. S. Harris. Several acknowledgments were received.

In anticipation of queries as to the effect of the new schedule of membership fees under the revised constitution upon the registration, your secretary feels that he cannot answer such in any different language than has already been employed by him in correspondence with the executive committee and in the columns of the trade publications. Predictions were made by some that Article I of the new constitution, creating "active" and "associate" members, and introducing the plan calling for "additional dues" based on amount of business done, would work disastrously to the association. The results to date do not show such to have been the case. They have rather justified the wisdom of the adoption of the new rule, for, without any canvass for new members, the badge book contains 364 names and eight others have registered since that publication was mailed. The cash receipts for the year have been \$5,829.85 against \$3,151.90 in 1915. For several years past effort has been made by specially-appointed committees to obtain new members, with some suc-

cess, but in not a few instances was largely intended as a compliment to the individual soliciting the membership, and therefore such have not remained permanent. Your executive committee has passed favorably upon 21 of the 24 new applications for memberships, but after careful investigation have been compelled to decline the other three. To hold membership in this association from this time on will mean very much more to the individual nurseryman who enjoys the privilege, than the mere perfunctory act of registration. For the last six years the average registration has been 378. It ought to be twice that number. To assist diffident members to become more easily acquainted with their brethren, it was decided to try the use of a bar containing a card upon which members are asked to write their name in a good bold hand.

The "tireless reaper", Death, has again attacked our numbers and removed several members during the year.

Captain Charles L. Watrous of Des Moines, Iowa, fell to sleep in March of the present year. Mr. Watrous was one of the "old guard" of this organization.

F. W. Power of the Oregon Nursery Co., Orenco, Ore., died early in this summer, after a siege of ill health, the immediate cause of death being blood poisoning, which developed from an accident.

W. Atlee Burpee, of Philadelphia, Pa., died November 25, 1915, aged 57. He was a former member. We also mention, because of his prominent connection with the division of pomology in the United States department of agriculture, the removal of G. B. Brackett, in December, 1915; also, Major Frank Holsinger, Rosedale, Kan., January 2, 1916. He was not a member, but Holsinger Bros. have recently allied themselves with the association.

There may be others of whose death we have not been advised. Members who know of such are asked to mail particulars to the secretary, that the names may be included with others in the "In Memoriam" contained in the annual proceedings.

The financial statement of the year is as follows:

Receipts.	
June 21, 1915, balance and new memberships	\$ 93.50
June 20, 1916, membership and badge book	5,720.75
Advertisements, sale of trade term labels	15.60
	\$5,829.85
Disbursements.	
Paid Peter Youngers	\$5,572.10
Balance on hand...	257.75
	\$5,829.85

In conclusion, gentlemen, let me assert that there can be no doubt as to the future of this association. Having broken the spell of traditional routine, which has had so tight a grip upon the organization, the new constitution beckons members to a higher plane of thought and of action, and it is no fanciful theory that we pronounce, when we say that the American Association of Nurserymen is to become the synonym of all that is best in administration and in future development along lines that shall bring the orders of the consumers of your products to your desks in larger numbers.

As a result of the more extended ing the value of those products from publicity that shall be given concerning both the aesthetic and the practical points of view, the more dignified position shall your honorable occupation come to occupy in the estimation of your patrons. Co-operation, liberally and cheerfully given by each member to your executive officers, will make possible all that we have herein presumed to predict.

COLLEGE STATION, TEX.—A convention of the Texas Nurserymen's Association will be held here July 26-28. The annual meeting will be held September 26-27, the place yet to be selected.

Hill's Evergreens

BEST FOR OVER HALF A CENTURY

Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists Largest Growers in America
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PEONIES and IRIS

Catalog now ready.

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Our Guarantee

We will replace with three all plants not proving true to description.

Ornamental Nursery Stock

is handled with profit and satisfaction by hundreds of our florist customers. We grow the following lines in large quantities and are always glad of the opportunity to make quotations.

Field-Grown Roses, Flowering Shrubs, Perennial Plants, Climbing Vines, Ornamental Trees.

OUR CURRENT PRICE LIST will be gladly forwarded on request.

NOTE—Use printed stationery. We sell to the trade only, and do not knowingly compete with our customers by allowing our trade prices to get into the hands of private planters.

JACKSON & PERKINS CO.,

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CALIFORNIA PRIVET

Over Two Million Plants of SUPERIOR Quality.

All sizes from one foot to four feet. Very low prices in car-load lots.

Also Polish Privet, Amoor Privet and Berberis Thunbergii in quantity.

J. T. LOVETT, LITTLE SILVER,
NEW JERSEY

BELLE WASHBURN

BEST RED CARNATION

Field plants, all strictly first size ready for benching, \$12 per 100; \$100 per 1000

500 at the 1000 rate. The season has been exceptionally good for field plants in our vicinity and the plants are just right for benching.

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HINSDALE AND GREGG STATION, ILLINOIS.

178 NORTH WABASH AVENUE, CHICAGO, ILL.

TREE, SHRUB AND PALM... SEED

For the Nursery and Florist Trade.

My seed is fresh and reliable. For prices address

GEORGE H. HOPKINS,
EAGLE ROCK STATION, LOS ANGELES CALIF.

2 1/2 and 4-inch pot ROSES

In Good Assortment.

THE LEEDLE FLORAL COMPANY,
SPRINGFIELD-OHIO.

ROSES, CANNAS
Shrubbery
THE CONARD & JONES CO.,
West Grove, Penna.

CARNATIONS

F. DORNER & SONS CO.,
Lafayette, - - Indiana

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,

P. O. Berlin, N. J. Williamstown June., N. J.

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**JAPANESE
TEA GARDEN
—AND—
ROCKERY**

For your summer house,
made in a short time,
T. R. OTSUKA,

300 S. Michigan Ave., Chicago.

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PAINESVILLE NURSERIES

Catalogues and Price Lists
Free on Application.

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Field-Grown Carnation Plants

	100	1000
Pink Enchantress.....	\$5.00	\$45.00
Rosette.....	5.00	45.00

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184 N. Wabash Av., CHICAGO

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Guaranteed to reach any point in the U.S. from Chicago East, in good growing condition, or they can be returned and your money refunded. I take all the risk. Summer prices.
S. A. Nutt and Buchner.....\$10.00 per 1000
Ricard and Poltevine 12.50 per 1000

ALBERT M. HERR, LANCASTER, PA.

Robert Craig Co...

High Class PALMS

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

BOSTON FERNS



5 inch.....	\$3.00	per dozen	8 inch.....	\$12.00	per dozen
6 ".....	6.00	" "	9 ".....	15.00	" "
7 ".....	9.00	" "	10 ".....	18.00	" "

Whitmani.

8 inch	\$12.00	per dozen
--------------	---------	-----------

Pteris Cretica serrulata, 3 inch, - - -	\$ 6.00	per 100
Pteris Wimsetti, 3 inch, - - -	6.00	" "
Pteris Tremula, 4 inch, \$1.50 per dozen,	10.00	" "
Jerusalem Cherries, 3 inch, - - -	6.00	" "
Primula Obconica, 3 inch, - - -	5.00	" "
Umbrella Plants, 5 inch, - - -	\$1.50	per dozen

The George Wittbold Co.

737 Buckingham Place,

LONG DISTANCE PHONE:
GRACELAND 1112

CHICAGO, ILL.

Field-Grown Carnation Plants

Extra fine stock ready for immediate delivery. Order today.

	100	1000		100	1000
PHILADELPHIA.....	\$4.50	\$40.00	WASHINGTON.....	4.50	40.00
ENCHANTRESS.....	4.50	40.00	ZOE SYMONDS.....	4.50	40.00
WHITE ENCHANTRESS.....	4.50	40.00	BEACON.....	5.00	45.00
ROSE PINK ENCHANTRESS, 4.50		40.00			

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WHOLESALE FLORIST

30 E. Randolph Street, L. D. PHONE—CENTRAL 2846 CHICAGO, ILL.

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL
New York

PALMS.

Joseph Heacock Co.,

Wyncote, Pa.

BOXWOODS—MOST BEAUTIFUL STOCK

Pyramids, 2 -ft.....	\$1.00	each
Pyramids, 2½-ft.....	1.50	each
Pyramids, 3 -ft.....	2.00	each
Pyramids, 3½-ft.....	2.50	each
Standard Shape, 14x14 in....	2.50	each
Globes, 14x14 in.....	3.00	each
Heavy Bushes, 2-ft.....	1.50	each
Nice Bushes, 15-in.....	.35c	each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

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Golden Wedding

New Pompon Chrysanthemum

Latest pompon on the market.
Color golden yellow. Full double flower. Strong grower.

Rooted cuttings, \$8.00 per 100,
\$60.00 per 1000, 250 at 1000 rate.

A. W. MEYER,
SOUTH HOLLAND, ILL.

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Wholesale Florists

CROMWELL, - CONN

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Ready Reference Section.

10 CENTS PER LINE, NET.



AMPELOPSIS VEITCHI.

Ampelopsis Veitchi, 3 year, pot-grown, \$3 per dozen; \$20 per 100. Vaughan's Seed Store, Chicago and New York.

AQUATIC PLANTS.

WATER HYACINTHS, 60c per dozen. Southwestern Florists, 5019 Virginia Ave., St. Louis.

ASPARAGUS.

ASPARAGUS—TWO BARGAINS.

Asparagus Sprengeri, 2½-in., ready for 3-in., \$2.50 per 100; \$20 per 1,000.

Asparagus plumosus seedlings, extra good, \$6 per 1,000.

VAUGHAN'S GREENHOUSES, Illinois.
Western Springs.

ASPARAGUS SPRENGERI, 3-in., \$4 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

AUCUBA JAPONICA.

Aucuba Japonica, variegated, 12 to 18-in., 60c each; \$6 per doz.; \$50 per 100. Vaughan's Seed Store, Chicago and New York.

AZALEAS.

Azaleas. W. & T. Smith Co., Geneva, N. Y.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEDDING PLANTS.

Bedding Plants. For sizes, varieties and prices, see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS.

BEGONIAS.

Xmas Red, 2¼-in.	\$5.00 per 100
Xmas Red, 3-in.	8.00 per 100
Erfordii, 2¼-in.	3.00 per 100
Erfordii, 3-in.	6.00 per 100
Chatelaine, 2¼-in.	3.50 per 100
Chatelaine, 3-in.	8.00 per 100
Prima Donna, 2¼ in.	3.00 per 100

Vernon, Erfordii, Prima Donna, Luminosa and Extra strong plants all in bloom.
Triumph, strong transplanted seedlings, \$1.50 per 100. Begonias, tuberous started, \$6.00 per 100; \$1.00 per doz., separate color or mixed.
ERNEST ROBER, Wilmette, Ill.

BEGONIAS—Immediate Delivery.

Per 100	
Mrs. J. A. Peterson (new), 2¼-in pots.	\$25.00
Per 1,000	200.00

JULIUS ROEHRS CO., Rutherford, N. J.

Begonias, Gloire de Lorraine, 3-in., \$20 per 100; \$175 per 1,000. Glory of Cincinnati, \$25 per 100; \$225 per 1,000. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Begonias, Vernon, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

TUBEROUS BEGONIAS, 3-in., \$6.00 per 100; 4-in., \$10.00 per 100. Separate or mixed.
ERNEST ROBER, Wilmette, Ill.

Rex Begonias, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BOXWOOD.

BOXWOODS.

PYRAMIDS. Broad, heavy specimens, 2 ft., \$1.90 each; 2½ ft., \$2.00 each; 3 ft., \$2.50 each; 4 ft., \$4.50 each. Price includes tubs. f. o. b. Dundee, Ill. Write for prices on larger sizes.

BUSH SHAPE, 10-12-in., balled, 30c each; 18-in., balled, 60c each; 30-in., balled, \$1.75 each.

THE D. HILL NURSERY CO., INC.
Box 407. Dundee, Ill.

Bay and Boxwood Trees. Very choice stock. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5519 N. Clark St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

BULBS.

Bulbs. Freesia, California grown. Vaughan's Improved Purity, ½-in. and up, \$2 per 100; \$18 per 1,000; ½-in. to ¾-in., \$1.75 per 100; \$15 per 1,000; ¾-in. to 1-in., \$1.50 per 100; \$12 per 1,000. Purity, true, ½-in. and up, \$1.75 per 100; \$15 per 1,000. ½-in. to ¾-in., \$1.25 per 100; \$10 per 1,000; ¾-in. to 1-in., \$1 per 100; \$7.00 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs from cold storage. Valley pips. Holland grown, \$17 per 1,000; Danish grown, \$20 per 1,000; German grown, \$25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs. Rainbow freesias of good blooming size and in a mixture of colors, \$5 per 100; \$40 per 1,000. \$187.50 for 5,000. A. Henderson & Co., 211 N. State St., Chicago.

Bulbs. Hogenwoning's extra selected Dutch grown for Fall planting. For varieties and prices, see advertisement elsewhere in this issue. Hogenwoning & Sons, Rynsburg, Holland.

Holland Bulbs. Christmas flowering hyacinths. Special low prices on application. Bulb catalogue now ready. R. van der Schoot & Son, Hillegom, Holland.

Bulbs. L. Giganteum, 9-10, case of 200, \$20. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily bulbs. Fall shipment from Japan. McHutchison & Co., 95 Chambers St., New York.

CALADIUMS.

Caladiums, finest fancy leaved varieties, 25c, 35c, 50c, \$1.00 and \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

CARNATIONS.

Field grown carnation plants. Extra fine stock for immediate delivery. Philadelphia, chantress, Washington, Zoe Symonds, \$4.50 per 100; \$40 per 1,000. Beacon, \$5 per 100; \$45 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Carnation Aviator. Field plants, good strong healthy stock, \$12 per 100; \$100 per 1,000. Delivery now. J. D. Thompson Carnation Co., Joliet, Ill.

CARNATIONS.

Carnation plants, field grown. Pink Enchantress and Rosette, \$5 per 100; \$45 per 1,000. J. A. Budlong, 184 North Wabash Ave., Chicago.

Carnation plants, field grown. Far varieties see advertisement elsewhere in this issue. The Leo Nissen Co., 1201 Race St., Philadelphia, Pa.

Carnations for fall delivery. Best varieties. Prices low; send for list. Wood Brothers, Fishkill, New York.

Carnations, new crop. S. Murata & Co., 751 S. Broadway, Los Angeles, Calif.

Carnations. F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

CHRYSANTHEMUM CUTTINGS AND CUT BACK PLANTS.

Tremendous supply of fine, healthy stock, ready for immediate shipment. We have all the best commercial varieties and grow every one we have listed in quantity for wholesale purposes in the Chicago market. Our experience as chrysanthemum growers has taught us that the following varieties are the best money makers:

	Rooted Cuttings	Cut Back Plants	
	100 1000	100 1000	
Col. D. Appleton, yel.	\$2.00	\$18.00	\$2.00 \$20.00
Bonnafon, yellow	2.00	18.00	2.00 20.00
Intensity, red	2.00	18.00	2.00 20.00

POMPONS—CUTTINGS AND CUT BACK PLANTS.

Large quantity of pompoms in the following varieties, which are of the same high quality as the chrysanthemum stock:

	Rooted Cuttings	Cut Back Plants	
	100 1000	100 1000	
Lulu, white	\$2.00	\$18.00	2.00 20.00
Baby, yellow	2.00	18.00	2.50 20.00
Overbrook, yellow	2.00	18.00	2.50 20.00
Mrs. Astor, yellow	2.00	18.00	2.50 20.00
Sabey, yellow	2.00	18.00	2.50 20.00
Cubit, tan	2.00	18.00	2.50 20.00
E. D. Godfrey, pink	2.00	18.00	2.50 20.00
Croesus, bronze	2.00	18.00	2.50 20.00
Tiber, brown and red	2.00	18.00	2.50 20.00
Quinola, yellow	2.00	18.00	2.50 20.00
Pretoria, yellow	2.00	18.00	2.50 20.00
Zenobia, yellow	2.00	18.00	2.50 20.00
Mary Richardson, terra cotta	2.00	18.00	2.50 20.00
Aglol, variegated	2.00	18.00	2.50 20.00
H. Hicks, brown	2.00	18.00	2.50 20.00
Mrs. F. Beu, bronze	2.00	18.00	2.50 20.00
Sylvia, red	2.00	18.00	2.50 20.00
Sydania, yellow	2.00	18.00	2.50 20.00
Miss Julia, yellow	2.00	18.00	2.50 20.00
Lillia, red	2.00	18.00	2.50 20.00
Souv. Melannia, pink	2.00	18.00	2.50 20.00
Golden Climax	2.00	18.00	2.50 20.00

VIETOR BROS., Chicago, Ill.
162 N. Wabash Avenue.

CHRYSANTHEMUMS.

Cut back plants, 3-in. pots, good growing condition, \$3.00 per 100.

2000 Maj. Bonnafon.	300 Roman Gold.
300 Nagoya.	250 Dr. Enguehard.
600 Mrs. Buckbee.	100 Patty.
100 Pink Chieftain.	150 Lynwood Hall.
300 Chrysolora.	50 Burton.
75 Chas. Razor.	

Late propagated, 2-in.	\$2.00 per 100.
150 Dr. Enguehard.	400 Pompoms.
250 Nagoya.	150 Golden Glow.
150 Roman gold.	150 Burton.
150 Mrs. Seidewitz.	150 Pink Chieftain.
100 Wells' Late Pink.	150 Nagoya.
400 Chrysolora.	150 Roman Gold.
300 Patty.	100 Advance.
200 Maude Dean.	100 Dr. Enguehard.
350 Mrs. Buckbee.	100 Doc. Gem.
3000 Maj. Bonnafon.	

Cash or reference.
JOSEPH BANCROFT & SONS, Cedar Falls, Iowa

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS—2½ INCH POTS.
300 Golden Queen, 6c each; 300 Crystal Gem, 6c each; 300 Marigold, 5c each; 300 Oconto, 3c each; 200 Wm. Turner, 3c each.
BASSETT & WASHBURN,
178 North Wabash Avenue, Chicago.

Chrysanthemums. New pompon, Golden Wedding. Rooted cuttings, \$8 per 100; \$60 per 1,000; 250 at 1,000 rate. A. W. Meyer, South Holland, Ill.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

CHRYSANTHEMUMS.

Alex Guttman—Early lavender pink chrysanthemums. Mum growers shouldn't be without this one. We offer a few stock plants at \$2 each. For early delivery, rooted cuttings or pot plants at the option of the purchaser, 50c each; \$5 per doz.; \$35 per 100.

Emma—A Garza-Anemone, double pompon, pale pink; it's a dandy; you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now, \$15 per 100. **GUTTMAN & RAYNOR, INC.,** 101 W. 28th St., New York.

CHRYSANTHEMUMS. Good commercial varieties, 2½-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. **HENRY SMITH,** Grand Rapids, Mich.

Chrysanthemums, Pompon variety, 2-in., \$2.00 per 100; \$18.50 per 1,000; 3-in., \$3.00 per 100; \$25.00 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

COLEUS.

Coleus, Emperor Wilhelm, 3-in., 8c each; 4-in., 15c each. **Poehlmann Bros. Co.,** Morton Grove, Ill.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CYCLAMEN.

Cyclamen—Improved Wandsbek type, transplanted seedlings, 8 varieties, equally divided, including Improved Salmon, \$3.50 per 100; \$30 per 1,000. Fancy varieties, new, \$4 per 100; \$35 per 1,000. **ERNEST ROBER,** Wilmette, Ill.

1,000 2½-in. Wandsbek cyclamen; good clean stock, \$6 per 100. **D. G. GRILLBOETZER,** Alexandria, Va.

Cyclamen. The St. George's Nursery Co., Harlington, Middlesex, England.

DAHLIAS.

Dahlias. For the best new and standard sorts address Peacock Dahlia Farms, Williamstown Junc., N. J.

DAISIES.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. **Elmer Rawlings,** Allegany, N. Y.

Daisies, A. E. Hunt & Co., 30 E. Randolph, Chicago.

DRACAENAS.

DRACAENA INDIVISA, 5-in., \$35.00 per 100; 4-in., \$15.00 per 100; 3-in., \$6.00 per 100. **ERNEST ROBER,** Wilmette, Ill.

DRACAENA INDIVISA, 5-in., 35c. **Harry Hehl,** West Toledo, O.

EUONYMUS.

Euonymus, Golden, 12-in., 45c each; \$4.50 per doz.; \$35 per 100; 18-in., 75c each; \$8 per doz.; \$50 per 100. Green, 18-in., 50c each; \$5 per doz.; \$45 per 100. **Vaughan's Seed Store,** Chicago and New York.

FERNS.

Ferns, Boston, 5-in., \$3; 6-in., \$6; 7-in., \$9; 8-in., \$12; 9-in., \$15; 10-in., \$18 per doz. **Pteris Tremula,** 4-in., \$1.50 per doz., \$10 per Whitmani, 8-in., \$12 per dozen. **Pteris Cretica serrulata** and **Pteris Wimsetti,** 3-in., \$6 per 100. **The George Wittbold Co.,** 737 Buckingham Place, Chicago.

Seven-inch Boston Ferns, \$9.00 per dozen; eight-inch Boston Ferns, \$12.00 per dozen. Extra strong plants ready for shift. Cash with order. **RIVERBANK GREENHOUSES,** Geneva, Ill.

FERNS.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias, H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns, Boston, 4-in., \$15 per 100; 7-in., \$6 per doz. **R. Vincent, Jr., & Sons Co.,** White Marsh, Md.

New fancy ferns, special picked. **C. A. Kuehn,** 1312 Pine St., St. Louis, Mo.

FREESIAS.

Freesias. Purity, California grown, 1st size, \$10 per 100; Mammoth, \$12 per 100. Rainbow, new and very fine, yellow, orange, lavender and pink, \$5 per 100; \$40 per 1,000. **S. S. Skidelsky,** 1004 Lincoln Bldg., Philadelphia, Pa.

Fischer's Purity Freesia, direct from responsible grower. Cash. Express paid. ¾-in. \$2.00; ½-in., \$4.00; ¼-in., \$6.00. **BROWN'S BULB RANCH,** Capitola, Calif.

GERANIUMS.

GERANIUMS. Extra strong, 2-in., S. A. Nutt, Ruby (best dark red), Dagata, Ricard, Red Wing, Viaud, Landry, La Favorite, Perkins, Oberle and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wylie, Aviator, Rogers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. **F. H. DE WITT & CO.,** Wooster, O.

GERANIUMS. S. A. Nutt, La Favorite, Perkins, Jean Viaud and Gen. Grant, 4-in., \$6.50 per 100; \$60.00 per 1,000. 2½-in. Nutt and White, \$3.50 per 100. In bud and bloom, \$3.50 per 100. **ERNEST ROBER,** Wilmette, Ill.

Geraniums, in good 3-in. stock at \$3 per 100; \$25 per 1,000; 2-in., at \$2 per 100. **R. Vincent, Jr., & Sons Co.,** White Marsh, Md.

GERANIUMS. Mixed varieties, fine healthy plants, \$8.00 per 100. **M. C. GUNTERBERG,** 158 North Wabash Avenue, Chicago.

Geraniums, S. A. Nutt and Buchner, \$10 per 1,000; Ricard and Poitevine, \$12.50 per 1,000. **Albert M. Herr,** Lancaster, Pa.

Geraniums, S. A. Nutt, 2-in., \$1.65 per 100; \$16 per 1,000. **Elmer Rawlings,** Allegany, N. Y.

GREENS.

Greens. Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. **Caldwell The Woodsman Co.,** Evergreen, Ala.

Greens. Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. **E. A. Beaven,** Evergreen, Ala.

HELIOTROPE.

HELIOTROPE. 2-in., strong, \$2.50 per 100. **ERNEST ROBER,** Wilmette, Ill.

HYDRANGEAS.

HYDRANGEA OTAKSA, 3-in., \$5.00 per 100; 6-in. and 8-in. in bloom, 35c, 50c, 75c and \$1.00 each. **HENRY SMITH,** Grand Rapids, Mich.

Hydrangeas for summer-blooming. For varieties and prices see advertisement on cover of this issue. **F. R. Pierson Co.,** Tarrytown, N. Y.

Hydrangeas, 50c, 75c and \$1.00 each; larger specimens, \$3.00 to \$5.00 each. **Poehlmann Bros. Co.,** Morton Grove, Ill.

IRISES.**GERMAN IRIS.**

Strong Divisions.

For July and August Planting.

Chas. Dickens, blue and purple.....	100	1,000
Hector, yellow and crimson.....	3.00	20.00
Heteranth, bright blue	2.50	18.00
Honorabilis (San Souci), mahogany and gold	2.50	18.00
Loreley, light yellow and blue.....	4.00	30.00
Mars, yellow and violet.....	3.00	22.00
Madam Chereau, pale blue.....	2.50	18.00
Mrs. H. Darwin, white and violet.....	3.50	25.00
Pharaon, lilac, very fine.....	2.50	18.00
Steophylla, pale blue.....	2.50	18.00
Venus, yellow veined purple.....	2.50	18.00

VAUGHAN'S SEED STORE, Chicago New York

IRISES.

German Iris, strong divisions. For July and August planting. For varieties and prices see advertisement on front cover of this issue. **Vaughan's Seed Store,** Chicago and New York.

Irises. Catalogue now ready. **Peterson Nursery,** Stock Exchange Bldg., Chicago.

IVIES.

ENGLISH IVY, 3-in., \$6 per 100; 4-in., 2 and 3 in a pot, \$10 per 100. **HARRY HEINL,** West Toledo, O.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. **C. L. Van Meter,** Monticello, Iowa.

Boston Ferns, 3-in., \$8 per 100. **A. Henderson & Co.,** 211 N. State St., Chicago.

JERUSALEM CHERRIES.

Jerusalem Cherries, 3-in., \$6 per 100. **The George Wittbold Co.,** 737 Buckingham Place, Chicago.

LANTANAS.

LANTANAS, mixed, 2-in., \$3.50 per 100. **ERNEST ROBER,** Wilmette, Ill.

LILY OF THE VALLEY.**From Storage.**

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch plps. **Chas. Schwake & Co., Inc.,** 90-92 West Broadway, New York.

Lily of the valley. Finest in existence. For quotations address **Otto Mann,** Leipzig, Saxony, Germany.

Lily of the valley, from storage. **H. N. Bruns,** 3032 Madison St., Chicago.

MOONVINES.

Moonvines, lemon verbenas, swainsona, parlor ivy, S. scandens, alyssum, coleus, salvia Bonfire and Zurich, cuphea, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. **R. Vincent, Jr., & Sons Co.,** White Marsh, Md.

Moonvines, 2½-in. pots, \$5 per 100; 3-in. pots, \$8 per 100. **Godfrey Aschmann,** 1012 W. Ontario St., Philadelphia, Pa.

MUSHROOM SPAWN.

Mushroom spawn. **Lambert's Pure Culture.** **American Spawn Co.,** St. Paul, Minn.

ORCHIDS.

ORCHIDS. **HASSAL & CO.,** Orchid Growers and Raisers, Southgate, London, England. Immense stock of cattleyas.

Orchids of all kinds, established and semi-established. **Lager & Hurrell,** Summit, N. J.

PALMS.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. **Poehlmann Bros. Co.,** Morton Grove, Ill.

Palms, high class, and novelties in decorative plants. **Robert Craig Co.,** Market and 49th sts., Philadelphia, Pa.

Palms. **Joseph Heacock Co.,** Wyncote, Pa.

PANSIES.

Pansies. For varieties and prices see advertisement elsewhere in this issue. **Arthur T. Boddington Co., Inc.,** 123 Chambers St., New York.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. **HENRY SMITH,** Grand Rapids, Mich.

Pandanus Veitchii, 3-in., 30c; 4-in., 40c; 5-in., 60c; 6-in., \$1.00 each. **Poehlmann Bros. Co.,** Morton Grove, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

PEONIES.

French peonies can be shipped with celerity and security via Bordeaux-New York. Catalogue free. **DESSERT**, Peony Specialist, Chenonceaux, France.

Peonies. Write for list. Peterson Nursery. Stock Exchange Bldg., Chicago.

POINSETTIAS.

Poinsettias, true Christmas type. July and August delivery. 2½-in., strong plants, \$6 per 100; \$50 per 1,000. Vaughan's Seed Store, Chicago and New York.

PRIMULAS.**PRIMULAS.**

Ready July 30th to August 20th.

Obconica Grandiflora, choicest mixed colors; Vesuvius, crimson; Crisp, rose, new; Fimbriata, fringed, mixed; Compacta, lilac. In 2½-in. pots, \$2 per 100; \$18 per 1,000. Obconica Gigantea, best mixed colors; Kermesina, crimson; Rosea, pink; Lalacina, pale lilac.

In 2½-in. pots, \$2.50 per 100; \$22 per 1,000. Forbesi, "Baby" in 2½-in. pots, \$1.75 per 100.

Malacoides, best mixed, in 2½-in. pots, \$2.25 per 100.

Chinensis, Chinese, highest grade, mixed colors. Alba Magnifica, white.

In 2½-in. pots, \$2 per 100; \$18 per 1,000. Also Asparagus plumosus and Sprengeri in 2½-in. pots at \$18 per 1,000. Cash.

JOSEPH H. CUNNINGHAM

"The Primrose Man."

Delaware, Ohio

PRIMULA OBCONICA. Transplanted seedlings, mixed or separate, finest Ronsdorf strain, \$2.00 per 100; \$18.00 per 1,000. **ERNEST ROBER**, Wilmette, Ill.

Primula Obconica, 3-in., \$5 per 100. The George Wittbold Co., 737 Buckingham Place, Chicago.

PRIVET.

California Privet, of superior quality, in all sizes from one to four feet. J. T. Lovett, Little Silver, N. J.

ROSES.

1,200 young American Beauty plants, 4-inch pots, \$9.00 per 100; \$80.00 per 1,000.

Grafted White Killarney, 2½-inch pots, 4,000 plants, \$10.00 per 100; \$90.00 per 1,000.

Special prices made if whole lot is taken.

BASSETT & WASHBURN,

178 North Wabash Ave., Chicago, Ill.

ROSES.**FINE 2½-INCH ROSE PLANTS.**

	100	1,000
Killarney	\$4.00	\$35.00
Richmond	3.00	25.00
Geo. Elgar (Baby Yellow).....	4.00	35.00
White Killarney	4.00	35.00

WIETOR BROTHERS,

L. D. Phone, Randolph 2081.

162 N. Wabash Ave., Chicago.

Roses. Grafted 3½-in. stock: Pink and White Killarney, Brilliant, Milady, Ophelia, Old Gold, Cecile Brunner, Richmond, Scott Key, Elgar. Grafted 2½-in. stock: Pink and White Killarney, Brilliant, Ward, Milady, Ophelia, Old Gold, Richmond, Hoosier Beauty, Scott Key, Elgar. Own root, 3½-in. stock: Pink and White Killarney, Old Gold, Richmond, Scott Key, Brilliant, Elgar. Own root, 2½-in. stock: Pink and White Killarney, Scott Key, Sunburst, Richmond. Write for prices. Poehlmann Bros. Co., Morton Grove, Ill.

Rose plants. Pink and White Killarney, 2½-in., own root, \$6 per 100; \$55 per 1,000; 3½-in., own root, \$10 per 100; \$90 per 1,000. Bon Silene, 2½-in., own root, \$4 per 100. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

ROSE PLANTS. Kaiserin A. V., 3-in., \$6.00 per 100. Richmond, 3-in., \$6 per 100. Maryland, 3-in., \$8 per 100. American Beauties, 4-in., \$8 per 100. Other varieties. **HENRY SMITH**, Grand Rapids, Mich.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses. Grafted, December propagation, now ready in 3-in. pots, splendid stock. Charles H. Totty, Madison, N. J.

Roses. 2½ and 4-in. pots, in a good assortment. The Leddie Floral Co., Springfield, O.

Roses, from 3-in. pots, in best varieties. Wood Bros., Fishkill, New York.

Roses, cannas, shrubbery. The Conard & Jones Co., West Gove, Pa.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10.00 per 1,000. Asparagus Hatcheri seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. **I. N. KRAMER & SON**, Cedar Rapids, Ia.

Seeds. Winter-flowering Spencer Sweet Peas, florists' for present sowing. For varieties and prices, see advertisement elsewhere in this issue. Arthur T. Boddington, Inc., 128 Chambers St., New York.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington; Home office, Sioux City, Iowa.

Seeds — Calceolaria hybrida, Anerania, Mignonette, Primula sinensis and pansy. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, contract growers of pepper; egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurf, Swedesboro, N. J.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds. Burpee's Early or Winter-Flowering Spencers. For varieties and prices, see advertisement elsewhere in this issue. W. Atlee Burpee & Co., Philadelphia, Pa.

Seed. Giant Pansy, new crop of superb colors and selected stock. Pkt., \$1; ½ pkt., 50c; oz., \$4; 3 oz., \$10. Cash. E. B. Jennings, Southport, Conn.

Seeds. Sweet Pea for fall sowing. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed. Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, tree, shrub and palm. For nursery and florists. Write for prices. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeris, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, specialties: Lettuce, onion, sweet peas, aster, cosmos, mignonette, verbenas in variety. Waldo Rohnert, Gilroy, Calif.

Seeds. Pansy, Danish grown. For varieties and prices see advertisement elsewhere in this issue. Danish Seed Import, 210 Seventh St. No., Minneapolis, Minn.

Seeds. Pansy. For varieties and prices see advertisement elsewhere in this issue. Chas. Frost, Kenilworth, N. J.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seed. For the wholesale trade only. Braslan Seed Growers Company, San Jose, Calif.

SEEDS.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds. Vegetable, flower and forage. Simon Louis Freres & Co., Bruyeres-le-Chatel (Seine et Oise), France.

Seed. Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

Seed. High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds, garden, farm or flower, wholesale only. Write for prices. Kelway's, Langport, Eng.

Seeds. Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seeds. Flower and garden. Barnard Seed Store, 231-235 W. Madison St., Chicago.

Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seed. Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seed. Flower and garden. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds which succeed. Landreth, Bloomsdale Farm, Bristol, Pa.

SNAPDRAGONS.

3,000 4-in. fine snapdragons (Keystone). A fine pink, well branched, \$8 per 100. D. G. GRILLBORTZER, Alexandria, Va.

STEVIA.

STEVIA, strong R. C., 80c per 100; strong cut back, 2½-in., \$2 per 100. D. W. LOHR & SONS, Sharon, Pa.

STEVIA, 2½-in. pots, \$1.50 per 100. Cash or C. O. D. James Psenicka, Grosse Point, Ill.

TO EXCHANGE.

To exchange. Rex Begonias; strong plants from 2½-in. pots for Boston ferns from 2½-in. pots. James Vicks Sons, Rochester, N. Y.

VEGETABLE PLANTS.

CELERY PLANTS. Golden self-blanching (French strain), fine plants, ready for the field, \$2.00 per 1,000; 5,000 for \$7.50. Cash. Brill Celery Gardens, Kalamazoo, Mich.

Vegetable Plants, celery, parsley and cabbage. For varieties and prices see advertisement elsewhere in this issue. R. Vincent, Jr., & Sons Co., White Marsh, Md.

VINCAS.

VINCAS, 2-in., \$2.50 per 100; 3-in., \$5.00 per 100; 4-in., \$10.00 per 100. **ERNEST ROBER**, Wilmette, Ill.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

Vinca Variegata, 2-in., \$2 per 100. Elmer Rawlings, Allegany, N. Y.

MISCELLANEOUS.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Av., Detroit, Mich.

Choice landscape decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., box 404, Dundee, Ill.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

MISCELLANEOUS.

Japanese tea garden and rockery for your summer house made in a short time. T. R. Otsuka, 500 S. Michigan Ave., Chicago.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Landscape gardening. A course for gardeners, florists and home makers. The Home Correspondence School, Springfield, Mass.

Boiler flues, cleaned and trimmed. Also Stuttle's clamp and elbows to join flues. H. Munson, 1353 N. Clark St., Chicago.

Snap button badge for conventions, picnics, etc. Samples free. Gorham & Chapline Novelty Co., 542 S. Dearborn St., Chicago.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Vaughan's perfection points. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Nursery stock of all descriptions. Catalogues and price lists free on application. The Storrs & Harrison Co., Painesville, O.

Florists' Greening Pins. Box of 10 lbs., \$1.50; 5 boxes, \$7.00. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Catalogues. Large runs our specialty. Write for prices. Regan Printing House, 527 Plymouth Place, Chicago.

Baskets of every description. Write for catalogue. Raedlein Basket Co., 713 Milwaukee Ave., Chicago.

Save 25 per cent on erecting, heating and glazing. Mike Winandy, Jr., 6236 N. Lincoln St., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Umbrella Plants, 5-in., \$1.50 per dozen. The George Wittbold Co., 737 Buckingham Place, Chicago.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Folding flower boxes, all sizes. A. A. Arnold, Paper Box Co., 16-22 S. Peoria St., Chicago.

Greenhouse glass. Write for prices. Okmulgee Window Glass Co., Okmulgee, Okla.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Boilers of high grade for greenhouses. Write for catalogues. Giblin & Co., Utica, N. Y.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastic for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Hail storm insurance. John G. Esler, Saddle River, N. J.

Glass, large stock and good prices. Sharp, Partridge & Co., Chicago.

Wired toothpicks, 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Greenhouse boilers. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Emergency pipe clamps. M. B. Skinner & Co., 560 W. Washington St., Chicago.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

MISCELLANEOUS.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

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CYCLONE AND HAIL INSURANCE. To get it at reasonable prices write The Hoosier Mutual, Farmland, Ind.

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Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Jakes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

INSECTICIDES.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago. Milwaukee, New Orleans.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nikoteen, for spring spraying; Aphs Punk, for fumigating. Nicotine Mfg. Co., St. Louis.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. E. Kohr, 2934-36 N. Leavitt St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

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SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.



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Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

STAKES.

Cane Stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000. Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

WIRE WORK.

Florists' wire designs and fancy wire lamp shades. NORTHWESTERN WIRE WORKS, 228 13th Ave., N. E., Minneapolis, Minn.

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Badgley & Bishop, Inc., New York.
Bassett & Washburn, Chicago.
Berger Bros., Philadelphia, Pa.
Berning, H. G., St. Louis, Mo.
Budlong, J. A., Chicago.
Chicago Flower Growers' Ass'n., Chicago.
Conn, J. J., New York.
Coyle, James, New York.
Crawbuck Co., George W., New York.
Erne & Klingel, Chicago.
Ford, M. C., New York.
Ford, William P., New York.
Froment, H. E., New York.
Goldstein & Futterman, N. Y.
Gunterberg, M. C., Chicago.
Guttman & Raynor, Inc., New York.
Hart, George B., Rochester, N. Y.
Hoerber Bros., Chicago.
Holton & Hunkel Co., Milwaukee, Wis.
House of Ferns, New York.
Kasting Co., Wm. F., Buffalo, N. Y.
Kennicott Bros. Co., Chicago.
Kervan Co., The, New York.
Kessler, Wm. A., New York.
Kruchten, John, Chicago.
Kuehn, C. A., St. Louis, Mo.
Kuhl, Geo. A., Pekin, Ill.
Kusik & Co., H., Kansas City, Mo.
Kyle & Foerster, Chicago.
McCallum Co., Pittsburgh, Pa.
Meconi, Paul, New York.
Miller & Musser, Chicago.
Montreal Floral Exchange, Ltd., Montreal, P. Q.
Moore, Hertz & Nash, New York.
Murata & Co., S., Los Angeles, Calif.
N. Y. Cut Flower Exchange, New York.
Niessen Co., The Leo, Philadelphia, Pa.
Percy Jones, Inc., Chicago.
Pierson, A. N., Inc., Cromwell, Conn.
Pittsburgh Cut Flower Co., Pittsburgh, Pa.
Poehlmann Bros. Co., Chicago.
Pollworth Co., C. C., Milwaukee, Wis.
Polykranas, Geo. J., New York.
Pyfer & Co., A. T., Chicago.
Randall Co., A. L., Chicago.
Reid, Edward, Philadelphia, Pa.
Reinberg, Geo., Chicago.
Reinberg, Peter, Chicago.
Rice Bros., Minneapolis, Minn.
Riedel & Meyer, Inc., New York.
Rusch & Co., Gust, Milwaukee, Wis.
Sheridan, W. F., New York.
Siebrecht, Geo. C., New York.
Thompson Carnation Co., J. D., Joliet, Ill.
Tonner, O. A. & L. A., Chicago.
Totty, Chas. H., Madison, N. J.
Traendly & Schenck, New York.
United Cut Flower Co., New York.
Vaughan, A. L. & Co., Chicago.
Weiland & Risch, Chicago.
Weiss, Herman, New York.
Welch Bros. Co., Boston, Mass.
Welch, Patrick, Boston, Mass.
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Wittbold, Geo. Co., Chicago.
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GARLAND MANUFACTURING COMPANY,
DES PLAINES, ILLINOIS
 LOUIS WITTBOLD, President.

Lake Forest County Fair.

In the form of a county fair, the seventeenth annual charity entertainment of the Lake Forest Horse Show Association was given by the courtesy of the Onwentsia Club, on the club grounds at Lake Forest, Friday and Saturday, July 14-15, when \$15,000 was cleared and the proceeds donated to the Alice Home (Hospital), at Lake Forest and the Lake Bluff Orphanage, Lake Bluff and Contagion hospital. The exhibits of flowers and vegetables which were held in two separate tents, were very large and attracted much favorable attention. Practically all the private estates were represented in either one or the other exhibits and taken all in all it was a grand show and a credit to those in charge. The exhibit of gladioli particularly was worthy of note and considering the early date of the exhibition it was a grand collection and the best variety on display, and which won first prize, was a magnificent vase of Mrs. Frank Pendleton. The display of sweet peas was unusually large and some very fine stock was noted. Pansies, larkspurs, delphiniums, sweet williams, poppies, cosmos, calliopsis, hollyhocks, snapdragons, hardy roses, (cut) and hybrid tea roses, (cut), dahlias, daisies and a large number of other outdoor and indoor grown flowers usually found at a summer show were much in evidence, and according to all those present it was the best summer display that Lake Forest has held in years. The competition was very keen, but the prizes were pretty well distributed and the judges performed their duties to the entire satisfaction of all the exhibitors for there were no complaints of any kind made. Vaughan's Seed Store, Chicago, had a large exhibit of ornamental plants which contained some very choice fancy leaved caladiums, crotons, palms, etc. The exhibit in general was of such fine quality that it was sold almost as soon as it was staged. E. Livingston, gardener for Fred Vogel, Milwaukee, Wis., staged a vase of fine yellow gaillardias that attracted much attention. Several large groups of greenhouse plants arranged for effect and occupying not more than 100 square feet, helped considerably to make the exhibit a large one. House ferns, native fern plants, gloxinias, orchids, heliotropes, tuberose, rooted begonias, flowering begonias, petunias, oleanders and hibiscus were prominent in the plant displays. In the decorative class considerable skill was shown and the exhibits consisted principally of center pieces of sweet peas, garden roses, and baskets of annuals, perennials, hardy roses, tea roses, etc., arranged for effect. The contest for decorative pony carts was one of the



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 Reasonable Prices

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 Greenhouse Material Hardware Hotbed Sash

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We are the largest manufacturers of Greenhouse Glass west of the Mississippi River and carry at all times an adequate stock to enable us to make immediate shipment of your requirements. Our glass is heavy in thickness, well flattened and annealed, and especially manufactured for greenhouse purposes. Write us for prices.

Okmulgee Window Glass Co., Okmulgee, Okla.

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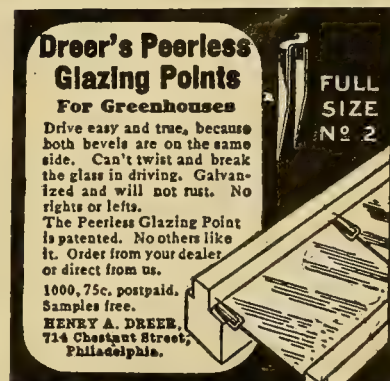
Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.

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Vaughan's Seed Store, Chicago, New York

No. 2. Large single thick glass.
 No. 2 1/2. Double thick.
 No. 2, price per box of 1000 (weight, 1 lb) 55c; in lots of 5000, 50c per 1000.
 No. 2 1/2 (1 1/2) per 1000 60c, 5000 at 55c.



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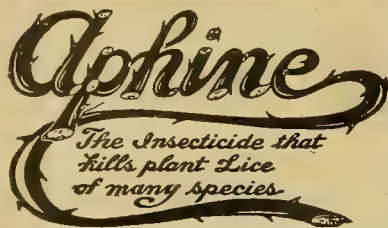
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A 12% nicotine solution properly diluted for fumigating or vaporizing.

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Until further notice shipments on our products **Fungine**, **Vermine** and **Scaline** will be subject to conditions of the chemical market.

Prompt shipments can be guaranteed on **Aphine** and **Nikotiana**.

APHINE MANUFACTURING COMPANY
MADISON, N. J.

features and there were seven entries all told and the work of decorating the vehicles was left entirely to professional florists, The Bohannon Floral Co., and George Wienhoeber, Chicago, having all the work.

The Awards.

Collection of perennials—Mrs. Cyrus H. McCormick, 1st; Mrs. P. L. Coonley, 2nd; Mrs. W. S. Brewster, 3rd.

Collection of annuals—Mrs. Geo. McKinlock, 1st; D. M. Cummings, 2nd; Francis Farwell, 3rd.

Display of pansies—Mrs. Stanley Field, 1st; Mrs. A. A. Sprague, 2nd; Mrs. Cyrus H. McCormick, 3rd.

Six sprays Phlox Drummondii—Mrs. Harold McCormick, 1st; John F. Pirie, 2nd; Mrs. Julius Rosenwald, 3rd.

Perennial phlox, white—Mrs. E. L. Ryerson, 1st; Mrs. John F. Pirie, 2nd; Mrs. Julius Rosenwald, 3rd.

Perennial phlox, pink—Mrs. John Pirie, 1st; Mrs. A. A. Sprague, 2nd.

Phlox, any color, not specified—Wm. C. Egan, 1st.

Twenty-five blooms nasturtiums—Delevan Smith, 1st; Mrs. B. A. Eckhart, 2nd; Mrs. Francis Farwell, 3rd.

Six sprays larkspur—W. B. Barnard, 1st. Three spikes delphiniums—Mrs. Lawrence Armour, 1st; Mrs. Hugh McBirney Johnston, 2nd; Mrs. W. S. Brewster, 3rd.

Collection of delphiniums—Mrs. W. S. Brewster, 1st; Mrs. L. F. Swift, 2nd; Mrs. John F. Pirie, 3rd.

Collection of sweet williams—Mrs. H. F. McCormick, 1st; Mrs. John F. Pirie, 2nd; Mrs. E. L. Ryerson, 3rd.

Twelve spikes stocks—Mrs. Edward S. Moore, 1st; Mrs. L. F. Swift, 2nd; Mrs. Julius Rosenwald, 3rd.

Twelve spikes early cosmos—Mrs. Stanley Field, 1st; Ralph Poole, 2nd; Mrs. McKinlock, 3rd.

Display poppies—Mrs. E. L. Ryerson, 1st; Mrs. R. H. McElwee, 2nd; Delevan Smith, 3rd.

Twelve sprays salpiglossis—Mrs. A. A. Sprague, 1st; Mrs. E. S. Moore, 2nd; Mrs. Stanley Field, 3rd.

Six blooms show dahlias—Harry B. Clow, 1st.

Six bloom single dahlias—Harry B. Clow, 1st.

Six blooms cactus dahlias—H. F. McCormick, 1st; Harry B. Clow, 2nd; E. L. Ryerson, 3rd.

Six African marigolds—Delevan Smith, 1st; Lawrence Armour, 2nd; W. B. Barnard, 3rd.

Six French marigolds—Mrs. A. A. Sprague, 1st; Mrs. W. E. Egan, 2nd; Delevan Smith, 3rd.

Twenty-five calliopsis—Mrs. R. R. McCormick, 1st; Wm. C. Egan, 2nd; Mrs. D. M. Cummings, 3rd.

Six sprays Celosia plumosa—Mrs. L. F. Swift, 1st.

Twelve sprays snapdragons—L. F. Swift, 1st; Charles H. Schweppe, 2nd; D. M. Cummings, 3rd.

Display snapdragons—H. F. McCormick, 1st; Charles H. Schweppe, 2nd; L. F. Swift, 3rd.

Gaillardias—J. M. Cudaby, 1st; R. H. McElwee, 2nd; Ralph Poole, 3rd.

Greenhouse grown lilies—Charles H. Schweppe, 1st.

Outdoor grown lilies—Ralph Poole, 1st; J. M. Cudaby, 2nd; Mrs. Leverett Thompson, 3rd.

Display hardy roses—Edward S. Moore, 1st; L. F. Swift, 2nd; Stanley Field, 3rd.

Collection hardy roses—Mrs. Byron L. Smith, 1st.

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SHREDDED CATTLE

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Kramer's Pot Hangers

For sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

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Those Red Pots

"STANDARDS"

Full size and wide bottoms.

BULB PANS and AZALEA POTS

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Rep. 490 Howard St.

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STANDARD AZALEAS

PANS

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Flower Vegetable Waterproof
PAPER POTS

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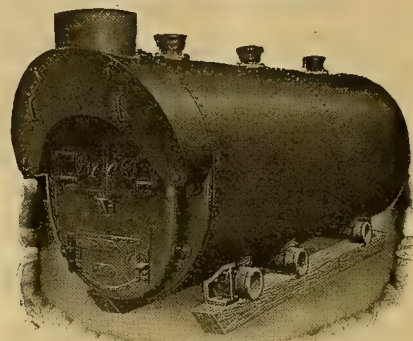
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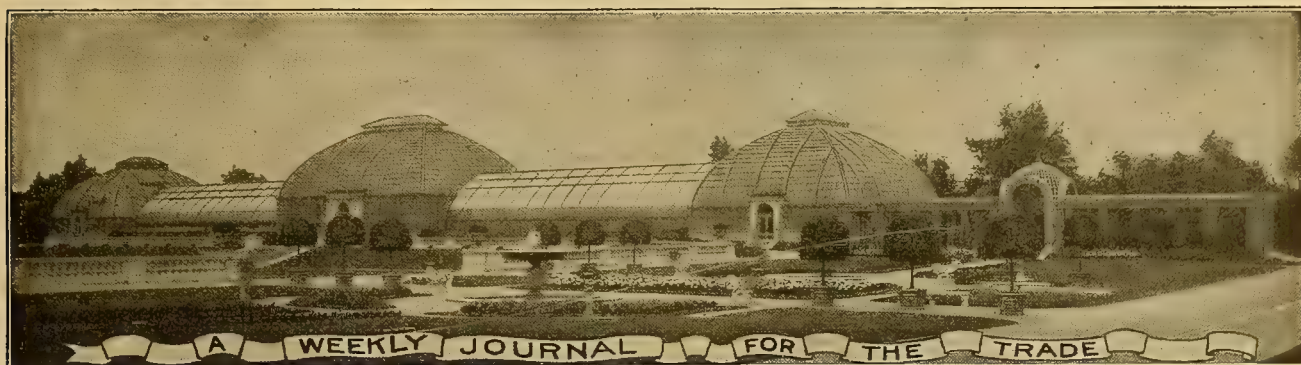
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Vol. XLVII.

CHICAGO AND NEW YORK, JULY 29, 1916.

No. 1469

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Next annual convention at Houston, Texas,
August 15-17, 1916.

THE HOUSTON Convention Number

— OF —

THE AMERICAN FLORIST

will go to press

August 9th.

Send special advertisements early to
insure good location and display.

SUGGESTIONS FOR PLANT GROWERS.

Alternantheras.

The propagating bed will not be full at this season, and it is one of the best times to procure a stock of that splendid carpet bedding plant, the *Alternanthera paronychioides* major. This plant simply refuses to grow during the winter, and it is almost impossible to procure cuttings until late, with the result that the plants are necessarily small. Any amount of cuttings can be procured now and they can be easily rooted either in flats of soil or in the propagating bed. When the cuttings are inserted give them a good watering and keep them shady for two or three weeks, and they will all root. They can then be placed in flats about one inch apart and placed in a frame outside or in the greenhouse. They can be wintered in a warm dry house on a shelf near the glass, and potted in April, and will make fine plants. The other varieties are much more vigorous and will thrive in a lower temperature. A few old plants can be lifted and propagated in the spring in the usual manner.

Mignonette.

The plants of mignonette from seed sown in July will have to be placed in their winter quarters in the bench in September. If extra large and long spikes, that are always so much admired, are wanted, the soil will have to be very rich. To ordinary compost (that is, two-thirds loam and one-third manure), add about as much manure again, making the soil about half and half. The plants should be set about 12 inches apart. Water only around the plant until the roots begin to spread in the soil. Keep the soil free from weeds, well scratched over and loose, that it may not become sour. The tops should be pinched off until six or eight branches have been formed. The cabbage worm will soon make its appearance unless this has been guarded against, and if a leaf is found eaten hunt for them at once. When they first make their appearance they are only about a

quarter of an inch long. They are green, just the color of the foliage, but have a velvety appearance, and are generally found on the midrib of the leaf or on the stem. Hand picking is the only remedy, and it takes sharp eyes to find them, but they must be gotten rid of or they will soon ruin the plants.

Heaths.

During the hot weather the ericas will demand considerable attention. The plants should be plunged in the coolest location possible, yet where they will get the full sunlight. The pots are full of the very fine roots and if these once get dry the tender roots will burn. There is no plant the florist grows that demands closer watching and more careful watering than the heaths. They are so hard wooded that they do not show neglect as quickly as the softer wooded plants, but if they get once fully dried it means absolute disaster with no flowers the succeeding year. The grower well posted in the culture of these plants can tell at a glance when they should be watered and never neglects them. If the plants are growing unshapely they should be pinched back, so that the form will be kept. The plants that are in small pots will need repotting in September; a fine loam with but little fibre and with no manure is to be preferred for these plants, for their fine roots do not like a coarse soil, and manure of all kinds should be omitted from the soil in which they are grown.

Genistas.

The genistas should be potted by September 1 in the pots in which they are to bloom, and a few days before potting should be trimmed into shape. It is a good plan with all soft wooded plants when growing rapidly not to cut at the top the same time the roots are disturbed, so it is better to do the pinching back before the shifting is done, and then not again until the plants are beginning to grow in the new soil, plainly showing that root action has again begun after being

disturbed. The plants that are being grown in prescribed shapes should be kept tied to the form, and as soon as established in the new soil, pinched back. They will stand considerable hard cutting back for some time yet, for the blooming shoots do not set until well into the winter. Keep the plants in as cool quarters as possible until the first of the year when if a few plants are wanted early they can be brought into warmer locations but these plants are cool growing subjects and do not like any great amount of heat.

Violets.

It will soon be September and time to house the plants of the double varieties of violets that are grown in the field, the more successful growers being of the opinion that the plants should be under glass before the season of heavy dews. In preparing the beds have plenty of old leaves; it is not necessary that they be rotted; in fact, leaves gathered last fall are to be preferred, for they will generate a little heat in the soil and the violet plants seem to grow and push their roots into half-rotted leaves better than in leaf mold that is finely decomposed. A layer of three inches of leaves in the bottom of the bed will prove of great advantage in violet culture. Whatever manure is used should be thoroughly rotted. The violet will not root into fresh manure at all. An old gardener, who was very successful in violet culture, once told us how he prepared his frames. They were made in a similar manner to hotbeds, only instead of manure a foot of leaves was placed at the bottom and eight or ten inches of soil placed on them. The leaves will furnish a mild heat nearly all winter and greatly assist in keeping the frames warm. We tried that method the following fall and thinking that the leaves would not furnish nutriment enough we incorporated a good quantity of half-rotted manure in the soil, the manure still being more or less lumpy. The violets grew finely and produced an excellent crop of large flowers. In the spring when we lifted the plants we found the roots had all gone into the leaves, there being no feeding roots in the soil, and in making their way through the loam had avoided all the manure, this still being in the lumps as when placed in the soil. In lifting the plants avoid allowing the roots to become dry; lift with a good clump of soil and do not keep the plants too long in the air, only lifting what can be handled expeditiously. Plant firmly, but avoid walking on the beds; water as soon as planted and water well, so that the soil will be firmed around the plants. Shade for a few days until growth starts, and then give all the air and light possible.

Geranium Propagating.

It is none too early to begin the propagation of geraniums, especially if it is doubtful about there being stock enough. Any plants that have become established and made a growth that will furnish a cutting will not be injured by the taking of the growing end, in fact, they will be benefitted, for they will break more shoots for the September propagation. Many growers in making the fall propagation, after trimming the cuttings, insert them in 2½-inch pots in soil, plac-

ing the pots on shelves near the glass. This is a very economical way of handling the cuttings after cool weather has set in, but for summer propagation the bench of sand is to be preferred. In making the cuttings trim off all the foliage except the small leaves at the tip. Be sure that the sand is pounded down hard, so that it will retain all the water possible. In inserting the cutting use a small round stick as a dibble, making a hole just large enough in which to place the cutting. This will disturb the bed of sand much less than drawing a knife or other tool through it. After the cutting is placed in the sand, press the sand firmly and then water heavily, so that the sand will settle firmly around the cutting. The cuttings should then be shaded from the sun either by papers or by stretching cheese cloth over them. This will prevent wilting and evaporation. No further watering will be necessary, until the plants begin to root. One of the greatest mistakes made by growers in the summer and fall propagation of geraniums is the continual watering which will invariably cause damping off and rot. Never mind if the surface of the sand becomes dry, if it has been properly packed there will be moisture enough below to cause them to root. If the cuttings wilt a slight syringing or placing wet papers over them will revive them. A good strike can invariably be made by following this method.

LOUISVILLE, KY.—Henry F. Pittelko, florist, is making improvements at his range, 2305 Payne avenue.

NEWTON FALLS, O.—The Cleveland Cut Flower Co. has completed one new house, 45x400 feet. Several others are being planned.

INDIANAPOLIS, IND.—Virtually all local florists were sold out of flowers July 24, filling local and telegraph orders for floral tributes to the late James Whitcomb Riley.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

The Tumbler Basket.

Supplementing the article on this popular feature of the up-to-date flower shop which appeared in our issue of July 1, page 1234, we present herewith illustrations of two of these dainty receptacles tastefully arranged.

For special sales or for window displays, they fill a place entirely their own, and arranged artistically in the window or placed on the counter, they are bound to attract attention and in themselves offer a suggestion which will result in sales that would not otherwise materialize, especially during the dull summer months, when more elaborate arrangements would not receive consideration. When stock begins to accumulate these baskets are especially desirable, as they can be readily filled with attractive flowers in combination and will appeal to the buyer whose purse will not stand the strain of a heavy purchase, while on the other hand, artistic arrangement, tending to bring originality and the blending of colors to present the flowers in all of their beauty, will result in very satisfactory sales. The small bow of ribbon, usually the finishing touch, adds much to the attractiveness of the entire arrangement. During the holiday season last year the tumbler basket of Christmas greens proved very popular. Arranged with bright sprigs of evergreen and well berried holly, together with statice and red ruscus, and with a red or holly ribbon bow, it was most appropriate and was very acceptable as a small gift, selling readily at from \$1 to \$1.50 each.

As has been stated, these miniature baskets are to be secured in an ever increasing variety of shapes and colors at prices ranging from \$8 to \$12 per 100, and can be fitted with tum-



TUMBLER BASKET OF ASTERS AND CELOSIA.

blers at a cost of two to three cents additional. Oftentimes the glass is first filled with sphagnum moss and water poured in and the flowers, being always in water, are almost sure to keep in good condition until disposed of. For quick selling and the small amount of labor required to make effective arrangements, they have already found a place in many stores.

Outdoor Summer Cut Flowers.

Four-fifths of the demand for flowers during the summer season comes from the messages of love and sympathy that are sent on funeral occasions. This important branch of the business should receive the utmost consideration and study by all departments of the trade. The commission dealers should aim at all times to have a supply of flowers suitable for this work, which the retail florists will soon learn to appreciate, as so many orders, particularly at this season, have to be prepared at very short notice. The suburban florist, who has room enough to grow some of his stock, will find it well worth while to have a supply of his own, which in addition to the money saving, will be of great assistance when things are wanted in a hurry.

There is quite a variety of summer flowers, starting with the earliest of the spring shrubbery and continuing on with a never-failing supply until the frost finally finishes the last of the hardy chrysanthemums, just before the snow begins to fall. Much depends on the amount of ground available for the purpose, but it is astonishing what a quantity can be grown in a small space. Such stocks as candytufts, pyrethrums, and double white petunias can be planted rather closely together and will repay bounteously the comparatively little attention they require; a mulching of salt hay keeps the flowers clean, particularly those of the petunias. The great majority of men, however, who grow and retail most of the flowers they raise, have ample room for the full assortment, such as will meet their demands at all times, with enough to spare to dispose of at wholesale that will add not a little to the annual receipts.

The layout of such a garden is worth considerable planning. There should be a continuation of crops for every month. First comes the shrubbery, of which there should be an amply supply in variety; *Spirea Reevesii*, *Deutzias gracilis* and *Van Houttei* are the best, with weigelas and syringas if there is space. Japanese snowball is one of the best and most useful in its season. The rambler roses are well worth attention. The white and pink Dorothy Perkins, if well pruned and kept within bounds, furnish a crop of beautiful long-stemmed clusters that will be found very useful and salable. The white and pink Maman Cochet produce abundantly the summer through; by a little attention they can be had with fairly long stems, such as can be sold singly or by the dozen. The white *Hydrangea arborescens gradiflora* is a very valuable flower, coming in about June 20, when the shrubbery is done and furnishing splendid heads of bloom on long stems for at least a month. A row or two of hollyhocks will be found useful, as the long spikes can be cut for decorations and single flowers can be worked up well as a foundation in large design work. Double White altherras along a fence



TUMBLER BASKET OF MY MARYLAND ROSES AND CORNFLOWERS.

or border, where they will not be disturbed, furnish a lot of good stock in their season; the single flowers stem up nicely for design work and the blossoming spike-like branches are useful in decorative work or as a background for sprays. The *Hydragea paniculata* has the field almost to itself for decorative and design work during its long late summer and early fall season. Many florists find a good sale for the dried clusters or heads of bloom, which, if cut at the proper time and intelligently cured, work up well with the fall flowers and grasses, making a permanent ornament for room decoration.

Bulbous stock should find a space; the early spring bulbs, planted the fall before, are often found very useful. *Lilium candidum* is beautiful with its long heavily flowered spikes, which generally find a good sale. The pink and white *Lilium eximium*, or common Japanese lily, is splendid for all kinds of funeral work; they produce a beautiful effect when arranged over a wreath of solid white flowers, magnolia, ivy or similar design. A few *Lilium auratum* will also be found advantageous. They are as distinctive as orchids in giving character to good work. Gladioli are a very useful flower, as are also asters. They can have a place in this rather intensive garden, but are now grown so largely as almost to be counted as field crops. A row of the hardy white sweet peas, *Lathyrus alba* and rosea, which come in after the annual varieties are about done, are very good stock. They should have a permanent position where they will become established. Everyone

knows the value of the annual sweet peas, which in the new orchid varieties, are one of our most important summer flowers. With room to spare, they will be found good dividend payers. Dahlias take up a lot of room, but a row of the white pompons will furnish a lot of bloom when other ground work flowers are scarce and they should be added to the list. Hardy chrysanthemums coming at a time when almost all else is gone, unite the out and indoor season. Quite a few florists who have taken up the summer culture of this late fall flower, selecting the best and most saleable varieties, have found a good market for the outside stock at the autumn leaf time, when the colors blend so nicely together with the oak and other highly colored fall foliage.

To get the best results from such a garden requires, of course, constant and intelligent attention. A sprinkler system, so as to be independent of the weather, is a great help. As much is expected from the various plants, they should be encouraged with liberal feeding of the best manure, the ground should be continuously worked, all weeds kept down and the hard wooded stock pruned after the flowering period so that next season's bloom shall be of the best. K.

BEACON, N. Y.—Benjamin Hammond has encouraged the children of this city to beautify their yards, and as a result the "Home Garden Brigade" now numbers more than 300 members. Prizes are awarded as an encouragement for excellence, while all the young gardeners will receive certificates of merit in September.

Summer Time Sweet Peas.

There are many things to be considered when one takes up any line of endeavor, particularly that of a business in which it is necessary to realize a profit which for the attention and work expended and capital invested, should make the greatest possible returns. Full consideration should be given the proposition. Take the matter of growing outdoor sweet peas for the

one inch apart, in the row, which latter were three feet from one another; four feet would have been better, but the limits of the fame would not permit it. Sash were then placed on the bed and remained there until about May 1, when the vines, being about a foot in height, had reached the glass and it was removed. Being in some places quite thick, they were thinned out and the vines removed were enough to make an additional row in the garden

ting them off in a short time, often over night. Green fly is another enemy that in warm, damp, and cloudy, to them favorable weather, increase very rapidly. Persian powder, dusted on, is a good insecticide, and a good sharp hosing will knock them off. About two weeks after the sash were removed they were "staked." Six to seven foot poles were driven in, 18 feet apart, to which was attached a roll of two-inch mesh chicken wire netting, five feet in width. This, when finished, made a trellis almost six feet in height, the full length of the rows. As they grew the vines took hold of this and by June 20 were close to the top, with an average thickness of 18 inches. Owing to the late season the first cutting for market was on June 27. Last year the first crop of flowers was secured June 19, although the seed sowing date and care were the same. The first blooms were superb, the stems being 12 to 14 inches in length, with flowers correspondingly large. The vines increased to a height of six feet and over. After 10 days' picking the flowers began to shorten and grow smaller, but until the finish were easily the best stock that came to the Philadelphia market. They were picked early in the morning from 4:30 to 5 a. m. up to 8 a. m., and were then carefully bunched, packed in boxes, as ordered, and for the most part delivered with the aid of a taxi, by Miss Faust personally. The varieties grown were carefully selected, for this year the list read: Pink, Hercules and Margaret Atlee, Lavender Orchid, King White, and Royal Purple. Last season she grew Florence Nightingale, Lavender, Elfreda Pierson, White Spencer and Blanche Ferry, all orchid varieties. She believes one selection as good as the other. In proportion she had one row of white, one and one-half of pink and one-half of purple and lavender. The frame was two hundred feet in length and from these three rows of 200 feet each she picked, last season, during their full period of bloom, 2,500 to 3,000 flowers a day. The early days of this season, owing to the dull cold weather, were very dis-



MISS FOUST'S SWEET PEAS AT MERION, PA.
Looking Over the Rows.

summer market. In the first place, several questions arise: Has one the time to give it the required attention; has one the necessary ground; is the location right, and is there an abundance of water if required; does one thoroughly understand the work? If the crop is a success, is there a market for it? These flowers are found to wholesale for the first cuttings at from 50c to \$1.00 per hundred. To get the best returns, the grower must strive to get all he possibly can into the first grade, and to do this he will take advantage of every point in their cultivation that will contribute to their sturdiness, rapidity of growth and hasten their flowering period.

Whether this line of thought was taken up by Miss C. Faust, daughter of H. I. Faust, of Merion, Pa., we do not know, but the results obtained fully justify this conclusion. In order to get some vacation money, all her own, she determined to raise sweet peas and sell them to the florists. She took the matter up with her father and persuaded him to let her have the use of, at that time, an idle cold frame; this was 200 feet in length by six in width, running northeast and southwest. It was fairly well protected on the north by buildings and trees, with plenty of sunlight all day long. Preparation of the soil included a heavy coating of well-rotted manure, which was dug in deeply. Three trenches, six inches deep, were laid out, one each next the top and bottom of the frame and one in the center. About one inch of sand was placed in the bottom of each trench. In these, on March 19, was sown the seed, about

adjoining. These moved very well, and came into flower about two weeks later than those in the frame. From the time the sash were taken off, the ground was worked continually, to kill the weeds, keep a dry mulch on the surface and at the same time pursue a vigilant watch for cut worms, which are especially partial to the vines, cut-



W. ATLEE BURPEE & CO.'S FORDHOOK TRIAL GROUNDS, DOYLESTOWN, PA.
Pansies in the Foreground.

appointing, as the first two crops of buds failed to mature, dropping off before they had an opportunity to expand; the next, however, opened all right, and since then there was no further trouble from this source. The extent of this undertaking and the application necessary to make it the success it has been, is due to the unbounded enthusiasm Miss Faust throws into her work. Nothing in connection

WITH THE GROWERS

W. H. Gullett, & Sons, Lincoln, Ill.

When writing of very large greenhouse establishments, it seems only natural to associate them with the vicinity of the very large cities, particularly so when they are built up

lots of grit and faith, and this same spirit is certainly being exemplified by the Gulletts. At the time of the writer's visit, three large houses were being erected by the American Greenhouse Manufacturing Co., Chicago, with Philip L. McKee on the job personally in charge of the construction. The most modern ideas known to greenhouse builders are being put into these buildings, and to form some idea of their size, Mr. McKee states that one of the houses being built consists of 33,000 square feet of glass, certainly a good sized place in itself. This house, Mr. Gullett says, will be planted to carnations this season. These houses, together with the others at the same place, all built within the last three years, form the new Gullett range.

Roses, carnations and chrysanthemums are the principal crops grown. One large house is now devoted to cyclamens, but after this season, it is the intention to grow cut flower stock, young roses, carnations and chrysanthemums exclusively at this range and grow all the pot plants at the older place in Lincoln. Adolph Nielson is the superintendent in charge, and the condition of the stock is a great credit to him. Roses form the main part of the crops and they were in excellent condition. We noticed particularly fine benches of American Beauty, Ophelia, White Killarney, Killarney Brilliant, Mrs. Shawyer and Richmond. Hoosier Beauty is being tried out largely and the plants are in good shape.

Several houses are given over to carnations, some of which are already planted, the method of indoor-culture from pots being tried, but the majority of the plants were in the field and preparations were going forward getting the houses ready for planting in July. Several benches of chrysanthemums were just recovering from planting, being healthy, young stock.

Considerable business is done in shipping young grafted roses of all the standard varieties—they were in grand condition, several large orders being



MISS FOUSI'S SWEET PEAS AT MERION, PA.
A Row of Hercules Pink.

with it is considered too much trouble from the time the bed is prepared and the selection of the seed made. She is on the job all the time, attending to their every need, watching eagerly for the blooms to appear. Her greatest pleasure is perhaps the first trip to town and listening to her customers telling her how beautiful her flowers are and how anxiously they have awaited for them to appear. Nothing succeeds like success and Miss Faust, with her earnest work and intelligent efforts, can be surely said to have reached that pinnacle for which so many are striving. K.

Sweet Pea Root Lice.

ED. AMERICAN FLORIST:

Please advise of the best method of destroying root lice on sweet peas.

SUBSCRIBER.

Anacostia, D. C.

The presence of lice (Root aphids) on the roots of sweet peas clearly indicates that the plants are not growing healthily. This may either be due to the faulty preparation of the soil, or wrong after-treatment—temperature, ventilation, etc.—but as the query does not give any particulars, I will not touch on that phase of the matter. Root aphids may be eradicated by application of rather dilute kerosene emulsion, applying it to the soil on both sides of the row of plants and repeat in three or four days, if required. Encourage the steady growth of the vines by giving rather weak applications of liquid manure. One application of nitrate of soda might work wonders.

by the hundred thousand square feet of glass each year, but almost on top of a coal mine in the rich corn belt of Illinois, W. H. Gullett & Sons are building up one of the largest and most substantial greenhouse establishments to be found anywhere. It is said that the pioneers of this section had



W. ATLEE BURPEE & CO.'S FORDHOOK TRIAL GROUNDS, DOYLESTOWN, PA.
The Sweet Pea Section.

set aside for later shipping. Every facility is arranged for a large business; the packing and shipping rooms are up-to-date, convenient and well laid out, the general plan of the whole establishment being the best that could be thought out.

The older place of W. H. Gullett & Sons is located in the residential part of Lincoln and is under the charge of C. G. Anderson, who has had wide experience, and a general retail as well as wholesale business in pot plants is done. Cyclamens are a big specialty; as many as 10,000 are being grown for flowering, some extra fine specimens being already in eight-inch pans. The whole stock is in a healthy, growing condition and should make fine plants by fall. Ferns are another leading line, several benches being planted with nice sturdy, young plants, which will make salable plants in a very short while. A particularly pleasing sight was a house of asters in full bloom—they were fine stock and a strong demand was being found for them. Many bedding plants are grown, for which there has been a heavy call, Mr. Gullett stating that this and the plant shipping business has been particularly good this season. A large establishment like this requires close attention to the many details, and Ed and Wilbur Gullett will be found on the job all the time.

A. Washburn & Sons, Bloomington, Ill.

Nearly every city of the middle west has one or two old established firms of florists that stand out more prominently than the others, and Bloomington is no exception to this rule. The firm of A. Washburn & Sons was established just after the civil war by the father of the present members. The firm has been doing business every year since it was established and Frank Washburn says that the trade of the past spring is one of the best they have had. A general retail business is done to supply the needs of Bloomington and the surrounding country. They have a large, well-appointed retail store down town in charge of George Washburn and a greenhouse establishment on the outskirts of the city, under the direction of Frank Washburn. The store is on one of the main streets and is arranged to do a big business; the work rooms are situated in the rear, so that the floral designs can be made up without interfering with the store work, and are out of the way of customers.

The greenhouse establishment is a large, well-located place with every facility for growing a big stock to meet the demand, and as on all places of this character, a general line of plants and cut flowers are grown. Several houses of roses were in good condition, most of the standard varieties being grown. The carnations in the benches were nearly over for this season, but the new stock in the field was in first-class condition—nice, clean, healthy plants that were responding to close attention. A large number of chrysanthemums are grown, both for cut blooms and plants; they were in fine growing condition.

This firm has a reputation for growing good single violets. Several of the older houses are given over to these plants and the stock then in the field was particularly fine. Palms, ferns, bedding plants and an assortment of bulbous stock are also grown,

a good block of cold storage *Lilium giganteum* being in bloom at the time of the writer's visit. A good sized nursery is maintained to supply the demand for shrubs and perennial plants, and considerable land is given over to the production of summer flowers, such as asters, sweet peas, etc.

C. W. JOHNSON.

Bar Harbor, Me.

Mount Desert Island is one of the most scenic spots in this country; the rugged rock-bound coast covered almost to the waters edge with pines, the numerous small islands that dot the coast, some barren, but most of them covered with sturdy trees, the mountains rising high on every hand and the deep blue of the sea, seen



Martin Reukauf and John Young at Galveston. The Genial Secretary of the Society of American Florists and the Well-Known Representative of H. Bayersdorfer & Co., Philadelphia, Pa.

through the many vistas which open constantly from the ocean drive, the road, 35 miles long, which skirts the entire island, appears to vie with the heavens in its intensity of color. While the greater part of the interior is still in its natural state, including the 5,000 acres of mountain and valley that have just been made a national park by action of Congress, there are many very beautifully laid out estates in which the natural scenery has been augmented by the hands of skilled landscape artists. In a number of places in which the original native trees stand, the underbrush has been cut away and a green sward worked up, together with winding walks and drives, which add greatly to the effect.

There are several quite wide awake men of the craft here aside from the skilled gardeners of the private estates. The Mount Desert Nurseries, of which T. M. Thatcher is superintendent, is a very up-to-date and ornamental plant growing establishment. A very wide and varied stock of everything required for the planting of the largest grounds is grown here in quantity, and planted with such symmetry of arrangement that the appearance is that of a private place. There are winding drives that take one up and down the rolling ground, overlooking lakes, and ponds, and iris beds, and at the foot of rising banks of bloom, that are lost in

the deep green of the great mountain forests beyond. It is a charming park effect and one that should produce an open purse string to the millionaire visitors of the island. This firm also conducts a store on Main street for the sale of cut flowers and plants. John H. Stalford, who owns the Malvern Greenhouses just off of Mount Desert street, has also a very well fitted up store on Main street for the retail business. At his greenhouses he raises stock for the store and also makes a specialty of hothouse melons and grapes. These are also for the millionaires, the grapes selling for \$2.50 to \$3 per pound. The varieties are Bowwood Muscat and Black Hamburg. The customers order or call and select the bunches on the vines; these are tagged and sent home when desired. The melons, which must be cut when ripe, sell at from \$1 to \$3 each according to size. They are Sutton's Royal Jubilee, a white-meated fruit. As they approach maturity, they are supported in nets to the rafters and present a very tempting appearance. Edward Kirk, of the Vanderbilt estate and Northeast Harbor, also forces melons, with which he has great success. A bed of strawberries seen here bore fruit of remarkable size and delicious flavor.

After the close of the sweet pea show, the visitors were loath to leave, and many small party trips were taken to the various estates and points of interest on the island. The hospitalities of the local craft appeared boundless; autos were tendered to carry the visitors, and after feasting on the beauties of nature as seen on every hand, nobody was allowed to go home either dry or hungry. Some went fishing—Harry A. Bunyard and Wm. M. Hunt, returned with some "40 odd", so they say, and a party of merry fellows, Messrs. Bartsch, Edgar, Methven, Sherwood, Russell and Cahill, caught a lot. Mr. Cahill says his big one weighed 14 pounds, but Nimrods Edgar, Methven and Russell were so busy feeding the gulls and fishes that they could not be prevailed upon to verify this. Mr. Edgar says: "Fishing is great sport, but you kind of lose interest when they get the bait for nothing."

On Sunday visitors to the sweet pea exhibition were admitted free, as the authorities would not allow any entertainments or exhibitions on Sunday, to which an entrance fee was charged. The sweet pea growers, and there are many in Bar Harbor, are unanimous in the opinion that a week later would have given a chance to make one of the best shows of the country, the season had been very bad, there having been in May and early in June a period of 28 days in which the sun was not visible at all.

K.

Los Angeles.

GOOD LATE SEASON BUSINESS.

In spite of the lateness of the season, business is holding up very well. There has been considerable funeral work of late and a few recent weddings have helped. Stock is about as previously reported although dahlias are arriving in greater variety and roses are also better. American Beauties are retailing as high as \$7.

NOTES.

At the Redondo Floral Co., Mr. Borden has returned from his vacation and Mr. Knopf is now at San Diego enjoying a few days' recreation. Phil D. Hester, one of the older employees is also enjoying his vacation among the orange groves near Colton. A busy time with funeral orders is reported at this establishment.

O. C. Saakes has been making a showing of excellent Mrs. Russell roses; also, a splendid display of Baron Hulot gladioli, a fine deep purple. Golden West dahlias were also a feature here this week and he was one of the few showing orchids.

Wright's Flower Shop, Inc., have had considerable funeral work of late; also the decorations for several big weddings. Fine American Beauty roses from their own range are a feature here.

S. Murata & Co. are always busy in their shipping department—they advertise. The first appearance of chrysanthemums was noted at their salesrooms.

H. Englebrecht, the efficient lady manager of the flower seed department of the Germain Seed & Plant Co., is enjoying her vacation at Catalina Island.

Mr. Morris, of Morris & Snow is spending his vacation at Big Bear valley. He has the reputation of being "some fisherman."

Wolfskill Bros. & Morris Goldenson report very good business, the season considered. They are showing stock in good variety.

The Broadway Florists have been showing some fine red asters and report considerable business in ferns.

G. H. H.

Newark, N. J.

We have had occasion to note the activities of W. R. James, who a few months ago opened a store at the corner of Bloomfield and Mt. Prospect avenues. The location is a fine one, and his store is admirably planned for display, having two large show windows. He is keeping a good variety of plants and cut flowers and is doing business. He has greenhouses on 14th avenue.

Harry Stein, who conducts the flower and plant department in the Hahn department store, on Broad street, has had a busy season, up to the beginning of hot weather.

Everybody is going to the outing of the Essex County Florists' Club, at Berkley Heights, N. J., August 3. Put a heavy pencil mark on your calendar at August 3.

Broad Street, usually a busy mart of trade, is now rather quiet, so far as the florists are concerned, funeral work being the leading feature.

Ernest Radaney, of Central avenue, keeps quite busy with funeral work. In his greenhouses he has a nice stock of chrysanthemums coming on.

William Strahan, of Wolfinger's, had just returned from his vacation, which he spent at Atlantic City and other seaside resorts.

We found Phillips Brothers busy on a large order for funeral work and noticed a number of fine designs.

At Begerow's, it was stated that business was as good as expected at this season.

A. F. F.

Arlington, N. J.

The business of growing aquatics and other stock, which was conducted by the late William Tricker, will be continued, under the same name, by his son, Charles. A new house, 25x100 feet, had just been completed at the time of Mr. Tricker's death. It is finely fitted up with concrete ponds, or tanks, for growing water lilies. The house and all its appointments are well constructed. William E. Tricker, who is now foreman for Holm & Olson, St. Paul, Minn., came east to attend his father's funeral and spent a few days calling on friends.

Gottfried Marti has a well constructed range of about 10,000 square

feet of glass and grows a variety of stock, having now a good stock of chrysanthemums coming on.

O. Verilhae has a considerable glass area and grows a variety of stock, both in plants and cut flowers. His geraniums and other outdoor stock look fine.

John Moyle now has the store and greenhouses formerly conducted by Bird Van Emburg, and makes a specialty of cemetery work.

Raymond Taylor has a neat retail store at 141 Midland avenue.

A. F. F.

THE HOUSTON Convention Number

—OF—

THE AMERICAN FLORIST

will go to press

AUGUST 9TH

Send special advertisements early to insure good location and display.

Buffalo, N. Y.

GOOD STOCK SCARCE.

Continued warm weather has had a serious effect on all flowers, making it almost impossible to get good stock. Gladioli are not plentiful as yet. Roses are inferior, as are also carnations. Sweet peas are very short. Lilies alone are good and fill in a big gap.

NOTES.

Buffalo's wholesale florist establishment, the Wm. F. Kasting Co., suffered a severe loss by fire, July 18, which practically gutted the whole place, driving them into temporary quarters. The origin of the fire seems unknown and was discovered by the watchman after it had a good start. Several lodges were meeting in the different lodge rooms at the time, but all got out in safety. The firm will in all probability locate in a new and more convenient building, better adapted to their business. It takes more than a fire to disable the firm of Wm. F. Kasting Co., for by 8 a. m. the following morning they were doing business at 493 Washington street. E. C. Brucker and W. H. Eiss are to be commended for their promptness in getting opened up.

The Lenox Flower Shop broke the record last week for summer and had an order for a casket blanket.

The annual picnic of the florists' club will be held at the automobile club Wednesday, August 2. Every one is invited. Automobiles to take you out and back.

E. C. Brucker, secretary of the Wm. F. Kasting Co., has the sympathy of the trade in the death of his father, which occurred July 23.

Miss A. L. Faul, Miss Edna Goehring and Miss Loretta Mead of S. A. Anderson's force are enjoying their vacations.

W. J. Palmer & Son are putting in a very attractive summer window at their Genesee street branch.

BISON.

Bangor, Me.

Mrs. T. Allen, with a store at 9 Hammond street, and greenhouses in Court street, had experienced the best season in many years. Miss Allen, who is in charge of the store, has up-to-date ideas in conducting the details of the retail business. A wax paper envelope to enclose customers' cards is original with her. The greenhouses are in charge of her brother, who grows a general line of plants and cut flowers, all of which are sold in the store.

A. J. Loder's city store, at 30 Columbia street, has a good range of glass on Main street, two new houses, each 27 x 150 feet, being recently added. He has also a growing establishment at Pittsfield, Me., all of which stock is sold, wholesale and retail, at his city store. Business has been very satisfactory.

C. M. Conant Co., 182-196 Broad street, seedsmen, have farm and garden seeds, and deal largely in farm implements and dairy supplies. They reported the potato crop as looking well, with a good supply in prospect.

Adam Sekenger, whose store and greenhouses, of almost 25,000 feet, are together at 32 Newbury street, had a good run of funeral orders. Very good Ophelia roses were a feature. He reported a very good season.

R. B. Dunning & Co., 54-62 Broad street, have extensive warehouses and handle all kinds of field and flower seeds, agricultural implements, fertilizers, etc. They have had a great spring business.

This city is well supplied with cut flower and seed stores. Although the dull season is on, (the third week in July), several of the retail establishments were quite busy getting out funeral work.

H. L. Cushman, 62 State street, has a purely retail establishment. His is a growing business, but is increasing rapidly. His winter and spring season was above his expectations.

J. Martin, Jr., 268-270 Center street, is situated in the residential district and does quite a business in bedding and house plants.

K.

Southampton, N. Y., Flower Show.

The annual flower show at Southampton, L. I., N. Y., scheduled for July 26-27, promises to be one of the greatest local events of the season. People of well-known social standing, from various parts of the country, many of whom have large estates with gardens and greenhouses, and who display more than ordinary interest in plants and flowers, are interested visitors at this exhibition. There have been many prizes contributed for choice blooms of all sorts, as well as for ferns, palms, decorations arranged by the cottagers and vegetables. The competitive classes are arranged in a large tent on the spacious lawn of the new school house grounds, outside of which are the commercial displays. Evergreens, rock gardens, rose gardens and outdoor plantings arranged by commercial firms are also advantageously placed.

G. E. M. STUMPP.

BALTIMORE, MD. — The Baltimore Wholesale Florists & Supply Co., will open a new store at Charles and Center streets, July 31.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time. Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

**THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO**

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GALVANIZED pipe has been reduced in price to \$10 per ton by Pittsburgh manufacturers, effective July 24.

E. H. R. GREEN, who established the Green Floral Co., at Dallas, Tex., some years ago, but has since retired from that business, succeeds to the late Hetty Green's vast estate.

Personal.

Prof. A. H. Nehrling, of the Floricultural Department of the Massachusetts Agricultural College, Amherst, passed through Chicago this week, returning from Colorado, where he and his bride had been spending their honeymoon.

The Late John Poehlmann

E. G. Hill, of Richmond, Ind., writes: "The late John Poehlmann will be missed by the trade at large, for he was greatly liked and very much admired for his splendid business qualities and his comprehensive outlook on the trade. We deeply regret his passing so long before he had time to enjoy the wide success of the Poehlmann Bros. Co."

PRESIDENT PENNOCK, of the American Rose Society, is making a vigorous campaign for new amateur members and solicits the cooperation of the trade in securing them. Mr. Pennock also hopes for assistance in the preparation of an authoritative catalogue of all roses grown in America, a publication greatly needed.

American Gladiolus Society.

The schedule of prizes for the annual exhibition of the American Gladiolus Society, which will be held at Boston, August 11-13, may be had upon application to Secretary Henry Youell, 538 Cedar street, Syracuse, N. Y. Those desiring to make trade displays should advise the secretary at once. Spaces are limited to 150 square feet, for which there is no charge.

Gladiolus Society of Ohio.

The fourth annual exhibition and flower show of the Gladiolus Society of Ohio will be held in the assembly rooms of the Hollenden hotel, Cleveland, Friday and Saturday, August 18-19, 1916. Premium list will be mailed to members, and to intending exhibitors on request. All who intend to exhibit please notify R. E. Huntington, chairman executive committee, Painesville, O., stating number of vases or space desired.

WILBUR A. CHRISTY, Sec'y-Treas.

Roses Awarded Gold Medal.

At the exhibition of the National Rose Society of England, held June 30, gold medals were awarded to new roses as follows:

C. E. Shea, H. T. (raised by Lowe & Shawyer, shown by E. J. Hicks, Twyford).—Clear bright rosy tint shading to blush at edge of petals; big well-formed, pointed flower of good substance, on strong stems, sweetly scented. A fine forcing rose, already known in Covent Garden.

Nellie Parker, H. T. (Hugh Dickson, Ltd., Belfast).—A well-formed flower of medium size and great substance, good stalk, and stout, healthy growth. The color is creamy-white, with blush-pink center the buds are strongly flushed with yellow, which, however, disappear as the flower comes to maturity. A decidedly promising novelty.—Horticultural Advertiser.

Floricultural Education in Ohio.

Floriculture in Ohio is a large business, but up to the present time the College of Agriculture at the Ohio State University has not been able to give the work of developing instruction in floriculture the consideration it deserves, due to a lack of proper facilities. Alfred Vivian, dean of the college, makes the announcement, however, that with the new horticultural building with its excellent greenhouse equipment, it is now possible for this institution to take up the work and put it on a firm basis.

Alfred C. Hottes, who was graduated from Cornell University in 1913, receiving his master's degree the following year, and who since that time has been instructor in floriculture at Cornell University, has been engaged to take full charge of the development of the work in floriculture at the College of Agriculture at Columbus. He is a member of the nomenclature committee of the American Gladiolus Society, has contributed several articles to horticultural publications, and

the floral interests in the state of Ohio, one of the most important in this line in the country, will welcome his appointment.

Chicago to Houston.

GREATLY REDUCED ROUND TRIP RATES.

After showing considerable lack of interest in the coming convention of the Society of American Florists the railroad organizations identified with transportation between Chicago, St. Louis, Kansas City, and Houston, have awakened and at the last moment given our national society the consideration to which it is entitled, granting greatly reduced round-trip rates to the convention city as follows:

Chicago to Houston and return. \$46.25
St. Louis to Houston and return. 34.65
Kan. City to Houston and return. 32.00
Memphis to Houston and return. 28.25

The Chicago party occupying special cars will leave via the Wabash Midnight Banner Express at 11:55 p. m., Sunday, August 13, and arrive in St. Louis at 7:40 Monday morning. The special cars will be attached to the Iron Mountain Texas Limited, leaving at nine o'clock, due at Houston, Tuesday, August 15, at 2 p. m., in time for the opening session.

Round trip tickets from Chicago going August 12, 13 and 14 are good returning until September 5. The charges for Pullman sleepers from Chicago are as follows: double lower berth, \$6.75; upper berth, \$5.40; drawing room, \$24.

CIRCLE TOURS.

One can purchase a circle tour ticket which permits going to Galveston (with a stop at Houston), boat from there to New York, a seven-day cruise on the Mallory Line, including one-day's stop over at Key West, and return to Chicago, via Niagara Falls and Detroit; or via Philadelphia and Washington. One can also take the Atlantic Line from New Orleans direct to New York, a five-day trip, and from New York as above mentioned. Cost of either of these tours is but \$80. Meals and berth on boat are included.

For further details, Pullman reservations, and other particulars, address H. L. Purdy, care of Wabash Railway Co., 808 Edison building, Chicago. Telephone, Harrison 4500.

New York to Houston.

The transportation committee of the New York Florists' Club has selected the following route for those who intend to attend the S. A. F. convention in Houston, August 15-17.

The S. S. "Morus" will leave New York, Wednesday, August 9, arriving at New Orleans, Monday, August 14, whence the journey to Houston by train, the Sunset Limited, is only 11 hours. The rate will be \$80 to \$83 for the round trip from New York City to Houston, which covers the trip by steamer to New Orleans, train to Houston, then by all rail returning. Those who desire may also return by boat. This rate includes berth and meals on steamer, but not on trains.

As this is evidently the route favored by most of those who intend to go, it is hoped that all members of the New York Florists' Club and friends from the eastern section of the country will travel in this party. The transportation committee is composed of Chas. H. Totty, chairman; John Young, Wm. C. Rickards, Jr., and J. R. Lewis.

As the steamship traffic on this line is heavy at this season, it is necessary that all reservations be made well before August 1. Make your reservations at once if possible. Further information will be gladly furnished by J. R. Lewis, secretary of transportation committee.

Wants, For Sale, Etc.

**One Cent Per Word, Cash with Adv.
For Plant Advs., See Ready Reference Section.**

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—A 1 saleslady and designer, Chicago preferred.
Address, Key 658, American Florist.

Situation Wanted—Head gardener with twenty seven years' of experience. Married, no children.
JOHN FABIAN, 4126 Carroll Ave., Chicago.

Situation Wanted—Open for engagement as foreman or manager, all around man qualified to take charge and produce results.
Key 652, care American Florist.

Situation Wanted—By practical all around man with 18 years experience in most all branches of the trade. Married and have family.
Address, Key 656, American Florist.

Help Wanted—Would like a young man about the middle of September, to help in the greenhouse and general work. Must be a man of good habits.
J. A. BROWN, Florist,
Howell, Mich.

Situation Wanted—Designer, storeman and all around florist. Good habits, excellent references. Life experience. Willing to hustle; expect good salary.
Key 650, care American Florist.

Situation Wanted—A1 salesman and designer, capable of taking complete charge. Do not answer unless you are willing to pay \$30 a week or over. Ready to start immediately. Address
Key 643, care American Florist.

Situation Wanted—As gardener superintendent; English, married, age 35 years; upwards of 20 years' experience on private estates; excellent references as to character and ability; in last position ten years as head. Address
PHILIP BOVINGTON,
133 New Main Street, Yonkers, N. Y.

Situation Wanted—As head gardener, with 20 years' experience in all branches of gardening; thoroughly experienced in growing all kinds of fruits, vegetables, flower gardens, care of greenhouses and lawns; married, age 37; private place preferred.
EDWARD ADAMS,
care Jelke Dairy Farm, Dundee, Ill.

Help Wanted—Two American Beauty rose growers. Apply at
FOEHLMANN BROS. CO., Morton Grove, Ill.

Help Wanted—Several men to work in greenhouses, helpers and laborers. Steady employment at good wages. Apply at
FOEHLMANN BROS. CO., Morton Grove, Ill.

Help Wanted—At once a practical grower of roses, carnations and pot plants for a retail place. I want a man that is capable of earning his salary.
HUGH SCALES, Birmingham, Ala.

Help Wanted—First class salesman, designer, decorator and manager for a large Chicago loop retail store. Only men who can furnish unquestionable reference need apply. Also a good saleslady. For further particulars
Address, Key 657, American Florist.

Help Wanted—A competent assistant foreman, who thoroughly understands the nursery business and has had experience in this line, accustomed to waiting on private people, accurate in getting up orders, a good, thorough, active man who will take an interest in his work.
THE ELIZABETH NURSERY CO.,
Elizabeth, N. J.

For Sale—40 Boxes, 12 x 12, second-hand, Double Strength A Glass. Cash with order, \$1.50 per box for the lot, or \$1.75 in smaller quantity.
O. L. BAIRD, Dixon, Ill.

For Sale—Two ton panel top White delivery truck in good condition, at a big bargain. Owner who is a Chicago retail florist has two machines of the same make and will give the buyer his choice of either car at a figure that will make him buy. Car can be inspected at your convenience. For further particulars, address
Key 654, care American Florist.

Wanted to Buy or Rent—Small range of greenhouses within 20 miles of Chicago.
M. BERGSTROM, 3220 N. Halsted St., Chicago.

Wanted to Rent—Twenty to forty thousand feet of glass near Chicago. For further particulars address
Key 655, care American Florist.

Wanted to Rent—A small range of greenhouses in Chicago on the north side. For further particulars address
Key A, care American Florist.

"Seedsman's Assistant"

Advertiser wants copy of the "Seedsman's Assistant," by Charles Johnson. State condition of book and price.

Address

Key 653, care American Florist.

Chicago Wholesale Florist

Wants to get in touch with a good man capable of calling on growers and handling city trade—one with previous experience and who has the confidence that he can qualify preferred. Full particulars must be included in first letter and all replies will be considered strictly confidential.

Key 647, care American Florist.

FOR SALE

Two boilers, size 72 x 18,
150 H. P., in good condition.

The Erie Brewing Company
ERIE, PA.

Rose Growers

Good Pay
Steady Positions

MCGALLUM CO., Pittsburgh, Pa.

Tuberose Bulbs Wanted

A leading French seed firm desires to buy American tuberose bulbs. Please send offers to

Key 651 care American Florist.

The Annual Meeting

OF THE

Florists' Hail Association of America

will be held at Convention Hall, Houston, Texas, at 9 a. m. Wednesday, August 16, 1916.
JOHN G. ESLER, Sec'y.

HERE IS AN OPPORTUNITY

for the right man to buy a half interest in a rapidly growing and established wholesale commission house. Purchaser must have at least \$10,000, but it will not be necessary to place it all in the business. What is desired most is a man capable of doing his share to build up still further our ever increasing business. Books are open for inspection and will show a very healthy condition, and a big profit since the start. Curiosity seekers and fellows without the coin need not answer for unless full particulars are stated and credentials enclosed in the first letter all replies will be tossed in the waste paper basket.
Key C, care American Florist.

NOTICE

—OF—

STOCKHOLDERS MEETING

CHICAGO, July 15, 1916.

Stockholders of the American Florist Company:

You are hereby notified that the annual meeting of the stockholders of the American Florist Company will be held in the Rice Hotel, Houston, Tex., Wednesday, August 16, 1916, at 3 o'clock p. m., for the purpose of electing directors and officers for the ensuing term and for the transaction of such other business as may come before the meeting.

J. C. VAUGHAN, Pres.
M. BARKER, Sec'y.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada

Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO

You need it now for names and addresses.

BOSTON FERNS



5 inch.....	\$3.00	per dozen	8 inch.....	\$12.00	per dozen
6 ".....	6.00	" "	9 ".....	15.00	" "
7 ".....	9.00	" "	10 ".....	18.00	" "

Whitmani.

8 inch.....	\$12.00	per dozen
-------------	---------	-----------

Pteris Cretica albo-lineta, 3 in.	Per 100 \$6.00	Jerusalem Cherries, 3 in.	Per 100 \$6.00
Pteris Wimsetti, 3 in.	6.00	Primula Obconica, 3 in.	5.00
Pteris Tremula, 4 in.	\$1.50 doz. 10.00	Umbrella Plants, 5 in., \$1.50 per doz.	

Hydrangeas.

	Per doz.	Per 100	Per 1000		Per doz.	Per 100
4 in. assorted.....	\$1.00	\$9.00	\$80.00	6 in.....	\$4.20	\$32.50
5 in. assorted.....	3.00	22.50	200.00	7 in.....	6.00	45.00
500 at the 1000 rate.				8 in.....	9.00	
				9 in. Specimens.....	12.00	

Cyclamen

Wonder of Wandsbek	Glory of Wandsbek	Dark Red	Sunset	White with Pink Eye	Princess May
Rose of Wandsbek	Brilliant Red	Bright Red	Excelsior	Prince of Wales	Salmon King
3 in. assorted colors, \$8.00 per 100; \$75.00 per 1000.		4 in. mixed colors....	\$15.00 per 100; \$140.00 per 1000.		
3 in. separate colors, 9.00 per 100; 80.00 per 1000.		4 in. separate colors, 16.00 per 100; 150.00 per 1000.			
500 plants at 1000 rate.					

The George Wittbold Co.

737 Buckingham Place,

LONG DISTANCE PHONE:
GRACELAND 1112

CHICAGO, ILL.

Holland Grown Bulbs

HYACINTHS, TULIPS, NARCISSI, ROSE BUSHES, ETC.

Write for information about the **MAMMOTH AUCTION SALES** that we will hold during the coming Fall Season, of Holland's latest and choicest varieties.

The MacNiff Horticultural Company

52, 54 and 56 Vesey Street The Largest Horticultural Auction Rooms in the World NEW YORK CITY

Oklahoma City.

Business has gradually fallen off until it has now become extremely quiet and will no doubt remain in that condition for several weeks at least, as the warm season will be with us for some time. We had a temperature of 100 degrees for three days in succession; then a good wind and rainstorm came and made everything more comfortable again.

Interurban trolley connection between this city and Guthrie has just been completed and cars have commenced making regular trips. This service enabled C. W. Stiles, and the greenhouse foreman, Ed. Ryan, to make a trip to Guthrie and visit the growers there, Furrow & Co.

The Stiles Co. has commenced benching field grown carnations. The plants have made a very satisfactory outdoor growth this season.

S. S. B.

BENNINGTON, VT.—Burt, The Florist, has opened an attractive store on Main street.

HILL'S CHOICE LANDSCAPE, DECORATIVE AND FORCING STOCK FOR FLORISTS' TRADE

Boxwoods—Pyramids, Standards, Globes, Bush, Dwarf—one of our leading specialties. Stocked in enormous quantities.

Bay Trees—Standards, Half-standards, Pyramids. We can save you money and give better quality. Let us prove it.

Hardy Tubed Evergreens—Clipped specimens in Taxus, Thuja, Juniperus, Abies varieties in Pyramids, Globes and natural-shaped, in large assortment.

Araucarias—Best sorts, best values, in both small and large sizes, for immediate effect and growing on.

Forcing Stock—Azaleas, Rhododendrons, Aucubas, Skimmia Japonica, Hydrangeas, Lilacs, Spiraeas, Magnolias, Japanese Maples, Wistaria Chinensis, Japanese Flowering Cherry, Peonies, Roses, in large assortment, choicest quality, best commercial sorts.

Wholesale price list will be mailed promptly on request.

Landscape Evergreens and Conifers—New, rare and standard varieties. Small, medium and large sizes supplied in perfect specimens, with ball and burlap. Largest and most extensive collection in America.

Window-Box Plants—Hardy Coniferous Evergreens for winter use. All hardy and desirable sorts, best selection, lowest prices. Also Bush Box and Dwarf Edging. This line offers wide-awake florists a grand opportunity to increase their sales and profits.

Deciduous Trees and Shrubs—Our leaders—Norway Maple, American White Elm and Japanese Barberry.

Young Stock for Lining Out—Ornamental Evergreens and Deciduous Trees and Shrub seedlings, rooted cuttings, grafts, etc., in large assortment at very low prices. Annual output, 10,000,000 plants.

Write for information and price today.

THE D. HILL NURSERY COMPANY, INC.

EVERGREEN SPECIALISTS
LARGEST GROWERS IN AMERICA

Box 404, DUNDEE, ILL.

WHOLESALE GROWERS AND IMPORTERS

CHRYSANTHEMUMS

Now Ready from 2¼-inch pots.

COMMERCIALS.

Golden Queen, Tekonsha,
Harvard, Mistletoe.

POMPONS.

Golden Climax, Western
Beauty, Diana, Glorinda, Zen-
obia.

\$3.00 per 100;
\$25.00 per 1000.

Not less than 25 of a variety at hundred; 250
of a variety at thousand rate.

Reference or cash from unknown correspond-
ents. These prices are to those in the
trade only.

ELMER D. SMITH & CO.,
ADRIAN, MICH.

Grafted Roses

All the best varieties,
December propagation;
now ready, in 3-inch
pots.

Splendid Stock.

Charles H. Totty
Madison, N. J.

If You are interested in Mid-Winter

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

REX BEGONIAS

Choice collection of mixed sorts. Extra strong
plants, ready to retail. 3-in. pots. \$1.00 per doz.,
\$8.00 per 100. Vinca variegata, 2-in., \$2.00 per 100.
S. A. Nutt, 2-in., \$1.65 per 100; \$16.00 per 1000.
Satisfaction guaranteed.

ELMER RAWLINGS,
Wholesale Grower

ALLEGANY, NEW YORK.

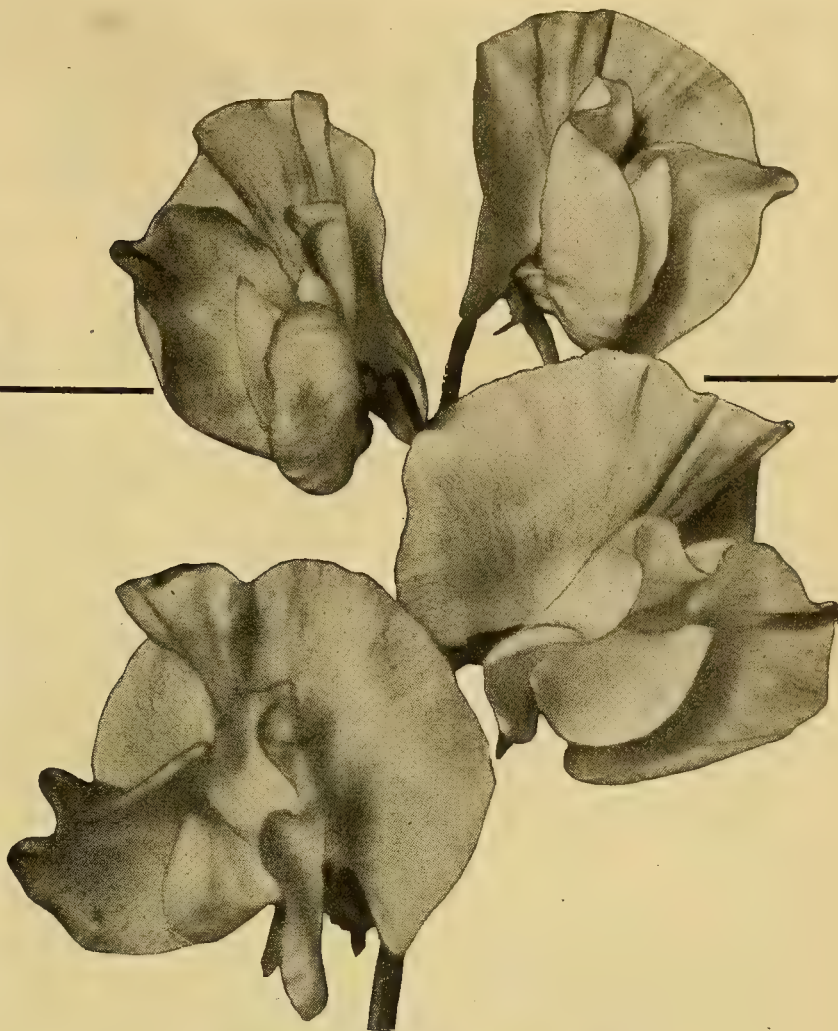
Mention the American Florist when writing

BOXWOODS—MOST BEAUTIFUL STOCK

Pyramids, 2 -ft.....	\$1.00 each
Pyramids, 2½-ft.....	1.50 each
Pyramids, 3 -ft.....	2.00 each
Pyramids, 3½-ft.....	2.50 each
Standard Shape, 14x14 in....	2.50 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 15-in.....	.35c each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

Mention the American Florist when writing



BURPEE'S EARLY

— OR —

WINTER-FLOWERING SPENCERS

The House of Burpee has long been recognized as "American Headquarters for Sweet Peas," and our introduction of these Fordhook Strains of Winter Flowering Spencers marks an era in commercial Sweet Pea growing.

The Novelties offered below, excepting Yarrowa, are the results of crosses made at our Fordhook Farms during the past seven seasons. All stocks are grown at our Floradale Farm, "The California Home of Sweet Peas."

FORDHOOK PINK AND WHITE:—A most popular Winter Flowering Spencer. A color that is always in demand, similar to the old Blanche Ferry, bright rosy pink standard, wings almost pure white. The immense flowers measure 2½ inches in diameter and are perfect in form. A very early, free and continuous bloomer, awarded a Certificate of Merit at the Spring Show of the Pennsylvania Horticultural Society, Philadelphia, March, 1915, and the American Sweet Pea Society, San Francisco, June, 1916. ¼ oz., \$1.25; ½ oz., \$2.00; oz., \$3.50.

FORDHOOK PINK:—This is a distinct shade of pink suffused with lavender throughout. Flowers are large size, exquisitely waved, produced in threes and fours on long stems. ¼ oz., 40c; ½ oz., 75c; oz., \$1.25; ¼ lb., \$3.50; ½ lb., \$6.25; lb., \$12.50.

FORDHOOK ROSE:—Introduced by us in 1915. Flowers of largest size usually borne in threes and fours. A charming shade of rosy carmine. Awarded a Certificate of Merit at the International Show, New York, March, 1915, and the Spring Show of the Pennsylvania Horticultural Society, Philadelphia, March, 1915. ¼ oz., 50c; ½ oz., 85c; oz., \$1.50; ¼ lb., \$4.00; ½ lb., \$7.50; lb., \$15.00.

YARROWA:—This magnificent Australian variety has proved its unusual merit with commercial growers in all parts of the country. It has an exceptional reputation as a sure-money-maker. First exhibited by us at the great International Show in New York, March, 1914, and awarded a Certificate of Merit by the Pennsylvania Horticultural Society, March, 1915. Flowers exquisitely waved, averaging 2½ inches in diameter, many of them being duplex or double. A bright rose pink with a clear, creamy base. ¼ oz., 35c; ½ oz., 60c; oz., \$1.00; ¼ lb., \$2.75; ½ lb., \$5.00; lb., \$10.00. Our Special Leaflet on Winter Flowering Sweet Peas free on application.

W. ATLEE BURPEE & CO.

SEED GROWERS

Burpee Buildings

PHILADELPHIA

THINK!

How can you double your profits? By Buying Quality Goods, at Reasonable Prices. By always having in stock what your customer asks for. Get your flowers from us and watch your profits grow.

Beauties, Russell, Orchids, Asters Gladioli, Valley, Full Assortment Roses BEGIN NOW.

Get your supply of Roses this summer from us
We can supply Everything in Season.

CURRENT PRICE LIST—In Effect Now.

AMERICAN BEAUTIES.	Per doz.
Long	\$3.00
30-36-inch	2.50
24-inch	2.00
20-inch	1.50
Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00.	

OPHELIA, RICHMOND, MILADY, SUNBURST, KILLARNEY BRILLIANT, KILLARNEY, WHITE KILLARNEY, WARD.	Per 100
---	---------

Long	\$8.00
Medium	\$4.00 to 6.00
Short	3.00

MRS. CHAS. RUSSELL.	Per doz.
36 inches long	\$2.50
30 inches long	2.00
24 inches long	1.50
18 to 20 inches long	1.00
Short	per 100, \$4.00, \$6.00

CECILE BRUNNER OR SWEETHEART ROSE.	Per 100
.....	\$2.00

CARNATIONS.	Per 100
Fancy	\$3.00
Medium	2.00
Short	\$1.00 to 1.50

MISCELLANEOUS CUT FLOWERS.	Per 100
Asters	\$2.00 to \$4.00
Daisies	1.00 to 1.50
Lilies	8.00
Gladioli	4.00 to 6.00
CATTLEYAS	per doz., 6.00
VALLEY	\$4.00, \$5.00 per 100

GREEN GOODS.	
Mexican Ivy	\$0.75
Smilax	2.50
Sprenger and Asparagus Sprays	\$2.00 to 3.00
Leucothoe .....	.75
Adiantum	1.00 to 1.50
Galax (bronze and green)	per 1,000, 1.50
New flat ferns	per 1,000, 1.50

IMPORTANT NOTICE

The time limit on our Pre-Inventory Sale has been extended for a short period. If you have mislaid our Pre-Inventory Circular of Big Bargains—write for another immediately

Every Florist who is looking for something new in decorating material should make it a point to see our line of **Translucent Foliage**. Do not confuse this article with Opaque Oak that has been on the market the past few years for it is altogether different and much better.

Look For Our Ideas in Prepared Foliage

(Stock of Which Will be Ready for Delivery August 1, 1916)

Oak Sprays, 36-inches and over, - - - - - \$1.50 per Doz.; \$10.00 per 100.

Maple Sprays, 30 to 36 inches, - - - - - \$2.00 per Doz.; \$15.00 per 100.

12 Bales Extra Fine Sphagnum Moss For \$10.00.

F. O. B. CHICAGO

Some Items You Need Now

Sulphur==Slug Shot==Grape Dust==Daylight Glass Cleaner==Liquid Putty==Greenhouse Hose

POEHLMAN

72-74 E. Randolph St.,

Kentias Western Kentias Headquarters

Largest and most complete stock offered in the West, in a healthy, strong and clean condition.

BELMOREANA SINGLE PLANTS.

2½ inch pots, \$1.50 per dozen; \$10.00 per 100;
\$90.00 per 1,000.

Leaves Each.

4 inch pots 5-6 16-18 inch high.....\$0.40
\$4.50 per dozen; \$35.00 per 100.

Each.

6 inch pots 6-7 24 inch high..... 1.00
6 inch pots 6-7 28-30 inch high..... 1.50
9 inch tubs 6-7 42-44 heavy..... 5.00
10 inch tubs 6-7 50-54 heavy..... 7.00

Specimen plants, \$60.00-\$75.00.

FORSTERIANA SINGLE PLANTS.

Leaves Each.

4 inch pots 5-6 18 inch high.....\$0.40
\$4.50 per dozen; \$35.00 per 100.

6 inch pots 6-7 28-30 inch high..... 1.00
6 inch pots 6-7 34 inch high..... 1.50
6 inch pots 6-7 34-36 inch high..... 2.00
8 inch tubs 6-7 40-42 inch high..... 3.00
8 inch tubs 6-7 42-46 inch high..... 3.50
8 inch tubs 6-7 50-52 inch high..... 5.00
9 inch tubs 6-7 54 inch heavy..... 6.00
9 inch tubs 6-7 60 inch heavy..... 7.00
10 inch tubs 6-7 5-5½ ft..... 8.00
10 inch tubs 6-7 5½-6 ft..... 12.00
15 inch tubs 6-7 8-8½ ft. heavy..... 40.00
15 inch tubs 6-7 9-10 ft. heavy..... 50.00



FORSTERIANA MADE UP PLANTS.

Plants

Each.

6 inch pots 3 24 inch high.....\$ 1.50
7 inch tubs 3 30-32 inch high..... 2.50
8 inch tubs 3 38-42 inch high..... 3.50
8 inch tubs 4 48-52 inch high..... 5.00
8 inch tubs 4 52-54 inch high..... 6.00
10 inch tubs 4 54-60 inch high..... 8.00
12 inch tubs 4 60 inch high..... 10.00
12 inch tubs 4 62-66 inch high..... 12.00
12 inch tubs 4 66-70 inch high..... 15.00
15 inch tubs 4 6-6½ ft. heavy..... 25.00
15 inch tubs 4 75-80 in. heavy.....\$25@30

ARECA LUTESCENS.

Each.

6 inch pots, 4 plants, 24 inch high.....\$1.00
8 inch tubs, 3 plants, 40 inch high..... 3.00
5 inch Aspidistra green 10-12 leaves..... 1.00
6 inch Aspidistra green 15-17 leaves..... 1.50
5 inch Aspidistra var. 7 leaves..... 1.00
5 inch Aspidistra var. 10-12 leaves..... 1.50

LIVISTONA ROTUNDIFOLIA.

5 inch pots\$0.75 each
6 inch pots 1.25 each

PHOENIX ROEBELENI.

3 inch pots.....\$3.50 per doz.
Each.
6 inch pots, 18 inch high, 24 inch spread..\$2.00
10 inch tubs, 35 inch high, 46 inch spread. 7.50
All previous prices quoted are herewith cancelled.

Grafted and Own Root Rose Plants.

Grafted, 3½-inch Stock.

\$140.00 per 1000.

50 Pink Killarney 600 Old Gold
50 White Killarney 450 Richmond
50 Brilliant 1300 Scott Key
50 Milady 1038 Elgar

Grafted, 2½-inch Stock.

\$100.00 per 1000.

500 Pink Killarney 700 Old Gold
4050 White Killarney 100 Richmond
3650 Brilliant 200 Elgar
900 Wards 350 Scott Key
190 Milady 1700 Russell

Own Root, 3½-inch Stock.

\$96.70 per 1000.

4800 Pink Killarney 85 Scott Key
2530 White Killarney 90 Brilliant
200 Old Gold 300 Elgar
125 Wards 2100 Richmond

Own Root, 2½-inch Stock—\$56.70 per 1000.

1500 Pink Killarney 600 White Killarney 70 Scott Key 325 Sunburst 1000 Richmond

CALADIUMS

Finest fancy leaved varieties, 25c, 35c, 50c, 75c, \$1.00 and \$1.50 each.

Begonia Chatelaine, 2½ in..... 100 3.50
3 in..... 8.00
4 in..... 15.00
5 in..... each, 25c
Begonia Lorraine, 2 in..... 10.00
2½ in..... 12.00
Coleus Emperor Wilhelm, 3-in., 8c each; 4-in., 15c each.
Crotons—5-inch, \$7.20 per doz.; 6-inch, 75c and \$1 each.

Cyclamen—3 inch, \$8.00 per 100.
Seedlings, \$40.00 per 1,000.

Primulas Grandiflora and Gigantea strain, only the choicest varieties, summer delivery, 2½ in. 3.00

Smilax, strong new stock, 2½ in. 2.50
3 in. 6.00 50.00

Boston Ferns, 5-inch, 40 cents each.
Boston and Roosevelt Ferns. Late July delivery. 6-in., 75c each; 7-in., \$1.00 each.
Whitmanii, 6-in., 75c each.
Table Ferns, 2½-in., \$3.00 per 100.

BOXWOODS

Each

15-in. in burlap40
18-in. in burlap50

N BROS. CO.

Long Distance Phone,
Randolph 35. CHICAGO, ILL.

SUMMER ROSES

We make a specialty of growing Roses best adapted to handle during the hot weather. Our facilities are exceptionally well equipped and we recommend the following stock for summer:

BEAUTIES--Mostly Medium and Short Lengths Good Shipping Stock.

Rhea Reid—Best red rose.

Mrs. Russell—Best pink rose.

Sunburst—Best yellow rose.

Double White Killarney—Best white rose.

Ophelia and **Shawyer**—Are also two good pink roses for summer use.

These in addition to the regular varieties of Roses we are receiving in large quantities direct from our greenhouses within a few hours of being cut, enable us to fill all orders with strictly fresh stock. This is the great advantage of buying direct of the grower. Order here.

CURRENT PRICE LIST

American Beauties	Per doz.
Specials, extra long stems.....	\$2.00 to \$3.00
Medium stems.....	1.50
Shorter lengths.....	.50 to .75

Sunburst--Rhea Reid--Ophelia--Richmond Shawyer--White and Pink Killarney Killarney Brilliant

Long.....	per 100,	\$6.00
Medium.....	"	\$4.00 to 5.00
Short.....	"	3.00

Mrs. Chas. Russell.	Per 100
Extra long.....	\$8.00 to \$10.00
Medium.....	5.00 to 6.00
Short.....	3.00
Cecile Brunner	per bunch, 35c

Asters at Market Prices.

LILY OF THE VALLEY	\$5.00 to 6.00
ASPARAGUS SPRAYS and SPRENGER	2.00 to 3.00
FERNs , new.....	per 100, 20 cents; in lots of 1000 or more, \$1.50 per 1000.
ADIANTUM	1.00
GALAX , bronze and green.....	per 1000, \$1.25 to \$1.50

ROSES, our selection, in lots of 500 or more at the rate of \$20.00 per 1000.

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN

LONG DISTANCE PHONE:
CENTRAL 1457.

Greenhouses: Hinsdale, Ill. and Gregg's Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Mention the American Florist when writing

Chicago.

TRADE SHOWS A LITTLE IMPROVEMENT.

Business the past week was a trifle better than it has been for some time and while it is not as brisk at it might be, it is as good as can be expected in July and no complaints are heard from anyone. Trade on Saturday, July 22, was very good and all fancy stock cleaned up quickly at satisfactory prices. Good stock is none too plentiful and a few brisk days would find the market pretty well cleaned up. American Beauty roses are steadily increasing in quantity, but are in good demand and clean up in fine shape every day. Mrs. Chas. Russell roses in the better grades are moving fairly well and the same holds true for Milady, Richmond, Rhea Reid, Hadley and Hoosier Beauty. White Killarney and Double White Killarney are in good demand and so are Sunburst, My Maryland and Mrs. Aaron Ward. Some fine Killarney Brilliant, Killarney and Killarney Queen are included in the shipments and at times have a good call. All the other roses grown in the vicinity for

the local market are to be had in large supply, including Champ Weiland, Mrs. Moorfield Storey, Francis Scott Key, Ophelia, Mrs. Bayard Thayer, Sunburst, Tipperary, Mrs. William Randolph Hearst, etc. The miniature roses, George Elgar, Cecile Brunner and Baby Doll are seen in large numbers, but do not appear to be moving any too well. Carnations are plentiful and are being sold in large lots at low prices notwithstanding the fact that there is some fairly good stock in certain varieties available. Lilies are to be had in quantity and some very choice stock in their line is obtainable. Gladioli are gradually becoming more plentiful, but so far the shipments consist principally of Chicago White, Pink Beauty and Myrtle. Asters are more plentiful and the same applies to dahlias, which are not selling any too well. Orchids are in good supply, but lily of the valley seems to be holding its own. There seem to be more outdoor flowers than ever this week and at times this class of stock has a good call and then again it accumulates

to such an extent that it is dumped into the barrels almost as fast as it is received. Gypsophila of fine quality has been offered in quantity the past week and has sold quickly at prices that are surprisingly good. Green goods of all kinds are plentiful and taken all in all there is more than enough stock of all kinds to go around. The coming S. A. F. convention at Houston, Tex., is the principal topic of conversation in the wholesale district and from present indications it appears as if this city will be prettily well represented after all.

NOTES.

A. E. Kunderd and daughter Marie, of Goshen, Ind., visited Weiland & Risch's establishment Thursday, July 20. Miss Marie celebrated her fourteenth birthday on that day and brought a fine lot of her own new seedling gladioli with her on her first visit to this city.

Victor Young & Company, 1239 North Clark street, had the floral decorations for the opening of the Swedish art exhibit at the Art Institute last week.

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

LARGE SUMMER SUPPLY

Russell and Milady Roses

Plenty for everyone in all the desired grades. Place your orders here.

Fancy Lilies, Sweet Peas, Valley and Complete Line of Greens.

Current Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems	\$5.00
48-inch stems	4.00
36-inch stems	3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.00
Short .....	.75

Richmond.....		
Killarney.....		
White Killarney.....	Extra select	Per 100 \$8.00
My Maryland.....	Select	6.00
Sunburst.....	Medium	5.00
Ophelia.....	Short	4.00
Milady.....		

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$2.00
Select	1.50
Medium	1.00
Short	\$0.50 to .75
	Per 100
Roses, our selection.....	\$ 3.00
Asters	\$ 1.00 to 3.00
Gladioli	3.00 to 6.00
Carnations, fancy	\$ 2.00 to 3.00
Harrisii	10.00 to 12.50
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Adiantum	1.00
Asparagus, per bunch .....	.50 to .75
Ferns, per 1,000.....	\$2.00

—2,000,000 Feet of Modern Glass—

A. E. Hunt is minus a new Ford, which someone stole from him in front of the LeMoyné building, Saturday noon, July 22, and so far the police have been unable to locate it. He discovered the thieves just as they were starting away and tried to follow them, but they made their getaway, and neither they nor the car have been heard from since. Fortunately, the car was insured, so his loss is not as big as it might otherwise be.

Felix Reichling is back from a pleasant visit with relatives on a farm near Great Bend, Kans., and is again attending to his duties at Peter Reinberg's store. Mrs. Reichling and the children will remain there a few weeks longer, which accounts for the song that the boys have been humming since he returned, and which is "Hurrah! My wife has gone to the country."

A. T. Pyfer is back from a fishing trip on the Rock river, where he had a most delightful time and succeeded in catching several good-sized channel catfish. He is back on duty at A. T. Pyfer & Co.'s store, feeling as fit as a fiddle and ready to tackle another successful season's business.

J. A. Budlong is one of the fortunate ones in having a large supply of lilies and lily of the valley on hand, for both items have been in good demand the past week. This firm is cutting a fine line of roses, which consist of an unusually large number of varieties.

Percy Jones is handling a large quantity of fancy asters and gladioli in addition to a complete line of all other miscellaneous indoor and outdoor stock. Business has been very good at this house all during July, with the sales running away ahead of those of the same month during 1915.

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

ASTERS--GLADIOLI

(Best in the Chicago Market.)

Complete line of all seasonable Cut Flowers, including both indoor and outdoor stock. Try us on what you need.

Chicago's Largest Dealers in Decorative Greens

George Asmus, who with Mrs. Asmus and children, has been enjoying an auto tour in the east, reached Philadelphia July 20, and after a pleasant visit with friends in that city left for home July 22.

John Furrow, of Furrow & Co., Inc., Guthrie, Okla., was the guest of C. L. Washburn, of Bassett & Washburn, at Hinsdale, July 20, when both the Greggs Station and Hinsdale green-houses were inspected.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

We are now cutting heavily in short and medium stemmed Ophelia roses of unsurpassed quality and can take splendid care of you in what you need in this line.

Current Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.	Per doz.
Long stems	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
18-inch stems	2.00
12-inch stems	1.50
White—KILLARNEY—Pink.	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00

RICHMOND	Per 100
Extra Special	7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00
OPHELIA.	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Good	3.00
SUNBURST.	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Good	3.00

GEORGE ELGAR	35c per bunch
ROSES, OUR SELECTION	\$3.00
CARNATIONS.	Per 100
Fancy	\$2.00
Good	\$1.00 to \$1.50
LILIES.	Per 100
Fancy	\$10.00 to \$12.50
Miscellaneous.	
Ferns, per 1,000.....	2.00 to 2.50
Smilax, per doz.....	2.00
Adiantum	1.00
Sprenger, per bunch.....	.50
Asparagus Sprays, bunch.....	.50
Other Green Goods Market Rates.	

Poehlmann Bros. Co. has about completed the planting of American Beauty roses and according to Mike Gabel, over 40,000 are being grown this season. The plants are looking fine and the stock now being cut is of splendid quality and in good demand at the store. The plant department, under the able supervision of Thos. Conlon, is in a flourishing condition and four more houses will be used by him to keep pace with the rapid growth. In the palm department H. M. Oeser is busy as a bee, getting the imported stock sorted and graded, which is some task in itself, when one considers that this year's shipment consisted of nine carloads. August Poehlmann says that they have been working with 45 men short all through the summer, but notwithstanding this everything is going along nicely and the planting is well under way.

Wietor Bros. are cutting a tremendous supply of fine Ophelia roses, which they are growing 10,000 strong this season, and they always clean up well every day at the store at good prices. Charles Drissler, manager of Wietor Bros.' shipping department, is back from his vacation, and reports having had a most delightful time. Their store is in the hands of the painters this week and is being given a thorough overhauling from top to bottom.

Frank Oechslein will have 150,000 square feet of glass, all told, with his new plant on Harlem avenue, which was formerly known as the W. E. Lynch Co. range. The new range of Foley houses at the Harlem avenue place is completed and Mr. Oechslein is now busy planting same. He reports an unusually good season and says that the sales during May and June were particularly good.

Allan Gerhling, of the Bassett & Washburn force, is back from a delightful visit at Burlington, Wis. Arthur Pasternik, of this firm, leaves July 29 for Saugatuck, Mich., where he will enjoy a two weeks' vacation. Miss Ruth Wattman, of the office force, is expected back to work next week, when Miss Schriber will leave to enjoy a well earned rest.

Nicholas Mogo, gardener in the employ of the Chicago Saddle and Cycle club, Foster avenue, it is alleged threw a pair of grass shears at Wm. Ulrey, 14 years of age. The boy died of his wounds July 24. Mogo is held pending the action of the coroner's jury.

Wholesale Cut Flowers==Greens and Supplies

Prices cheerfully submitted on whatever you need upon request.

O. A. & L. A. Tonner

30 E. Randolph Street,

Phone,
Central 6284.

CHICAGO, ILL.

Mention the American Florist when writing

A. L. Vaughan & Co. are handling a large quantity of gladioli in all the seasonable varieties and report an unusually brisk demand for same. Miss Charlotte Paradise has returned from a three weeks' visit at Denver, Colo., and is again acting as cashier at this ever growing establishment.

H. E. Philpott, of Winnipeg, Can., was in the city several days this week on business connected with A. T. Pyfer & Co., of which firm he is president. He will attend the annual meeting of the Canadian Horticultural Society to be held at Kitchener, formerly Berlin, Ont., August 8-10.

Paul Kingsporn says that Stielow Bros. Co., of Niles Center, is shipping in a good supply of Ophelia and Mrs. Chas. Russell roses to the Chicago Flower Growers' Association store, which it is cutting in the new range of Garland houses that were erected this spring.

John Michelsen says that the E. C. Amling Co. received its first shipment of Golden Glow chrysanthemums July 25, which is one day earlier than the first shipment in 1915, and that they were sold to the same party who bought the first lot last year.

Miss M. C. Gunterberg, George Asmus, August Poehlmann, A. Henderson, W. J. Keimel, M. Barker, Tom McAllister and August Lange and wife have signified their intention of attending the Houston convention.

Joseph Ziska & Sons' wire working department is always running full blast and no matter how hard or how late the crew works, the demand seems to clean up the designs as fast as they are turned out.

John Weiland, of Evanston, was a visitor at Chas. W. McKellar's store this week, and is somewhat of a stranger in the market, even though he is in close touch with it.

building at East Madison street and Miss Mary Wittmer is getting her new store in shape in the Willoughby

Michigan avenue, and expects to open for business in a few weeks.

Miss Nettie Parker, of A. T. Pyfer & Co., and O. A. Tonner, of O. A. and L. A. Tonner, will leave for Sturgeon Bay, Wis., next week, where they will spend a three weeks' vacation at Cabot's lodge.

Miss Florence Scriven is again keeping the Chicago Flower Growers' Association's books after enjoying a pleasant visit with friends at Phoenix, Ariz.

Mrs. Ernest Rober, of Wilmette, was discharged from a local hospital this week, where she underwent a serious operation for throat trouble.

Hoerber Bros. never seem to be off crop with My Maryland roses for their daily shipment always includes a liberal supply of them.

George Reinberg is cutting a fine supply of Richmond roses, which are in good demand considering the general market condition.

The E. F. Winterson Co. says that gladioli are in brisk demand this season and clean up surprisingly well at good prices.

Peter Hile is back from his honeymoon, and is again attending to his duties at D. E. Freres' store.

Miller & Musser are handling their share of gladioli this season and report a ready sale for same.

George Gobel, formerly with Kennicott Bros. Co., is now in the employ of the John Kruchten Co.

Ernest Oechslein is building a new storage house and garage at his River Forest establishment.

Peter Sgoros and Charlie Rogers will leave next week for northern Wisconsin on a fishing trip.

Erne & Klingel are strong on outdoor flowers, including a fine grade of asters and gladioli.

Frank McCabe will represent the A. L. Randall Co. at the Houston convention.

DOES QUALITY COUNT WITH YOU?

If so--Buy your Cut
Flowers and Greens
FROM US.

ROSES--BEAUTIES--ASTERS--GLADIOLI--ETC.

CURRENT PRICE LIST—Subject to Change Without Notice.

Beauties.	Per doz.
Long stems	\$3.00
30 to 36-inch stems	2.50
20 to 24-inch stems	\$1.50 to 2.00
15 to 18-inch stems	1.00
12-inch stems .....	.75

Mrs. Chas. Russell.

	Per 100
Extra fancy	\$15.00
Good medium	\$10.00 to 12.00
Good short	4.00 to 6.00

Roses.

Ophelia, fancy	\$8.00 to \$10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00

	Per 100
Richmond, fancy	\$ 8.00
" good	\$5.00 to 6.00
" short	2.00 to 4.00
White Killarney, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Ward, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Sunburst, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney Brilliant, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Roses, our selection	3.00

Carnations.

	Per 100
Special fancy	\$3.00
Good	\$1.50 to 2.00

Miscellaneous Per 100

Callas	\$10.00 to \$12.50
Easter Lilies, select	10.00 to 12.50
Orchids, Cattleyas, per doz..	7.50
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Gladioli	3.00 to 6.00
Asters	2.00 to 3.00
Dahlias	2.00 to 3.00

Greens.

Asp. Plumosus.....per string,	\$0.50
Asp. Plumosus Sprays.....bunch,	\$0.35 to .50
Sprenger.....per bunch,	.35 to 1.50
Adiantum.....per 100,	1.00
Smilax, choice.....per doz.,	1.50 to 2.00
Fancy Ferns.....per 1,000,	2.00 to 2.50
Galax Leaves.....per 1,000,	1.00

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave. Chicago

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue L. D. Phone Randolph 631

CHICAGO

HEAVY SUPPLY

FINEST RUSSELL ROSES IN THE CHICAGO MARKET

REPEAT ORDERS FROM NEW CUSTOMERS ARE THE BEST TESTIMONIALS THAT OUR
RUSSELL ARE ALL THAT WE CLAIM THEM TO BE. TRY US ON YOUR NEXT ORDER.

Grandpa C. L. Washburn, of Bassett & Washburn, is happy as can be at the store this week, for the firm has a new member in the shape of an eight pound baby boy, who gladdened the household of Mr. and Mrs. E. B. Washburn at Pasadena, Calif., Monday, July 24. This is the third boy to arrive at the E. B. Washburn home and is a most welcome addition to the family.

Nick Monsen, 3640 Fullerton avenue, and wife will spend their vacation at St. Paul, Minn., this year, leaving Saturday, July 29.

ASTERS WANTED.

Either indoor or outdoor stock. Start shipping immediately. Checks weekly.

M. C. GUNTERBERG, 158 N. Wabash Ave., CHICAGO, ILL.

S. Serafino, 3442 Lowell avenue, has placed an order with Kroeschell Bros. enjoying a two weeks' fishing trip at Lyndon, Wis.

Frank Jaral is back from his vacation and is again attending to his duties at Poehlmann Bros. Co.'s store.

John Witt, 10429 Wallace street, is

now making his daily trips to the wholesale market in a new Ford.

William Graff, of Graff & Dresel, is Co. for one of its new tubeless hot water boilers.

W. J. La Grotta, 1301 East Fifty-third street, is the proud owner of a new Chalmers touring car.

Z E C H & M A N N


Chicago Headquarters for OPHELIA AND RUSSELL

Our supply of Ophelia and Russell roses is so large and of such fine quality that we can fill your order to your entire satisfaction. In addition to Ophelia and Russell we have our usual large supply of Ward, Sunburst, Richmond, Killarney and White Killarney.

FINE SUPPLY OF LILIES.

Most beautiful stock ever offered. Just what you need for your wedding decorations. Mammoth supply—plenty for everyone—so order here.

Asters, Gladioli, Greens, Etc.

 Remember when ordering that our line is so complete that it includes every item offered in the Great Chicago Market.

30 E. Randolph St., Chicago

L. D. Phones
Central 3283
3284
Automatic, 42-965

Steve Keller, with George Keller & Son, manufacturers of red pots, was severely injured a few weeks ago when he got caught in a belt and was thrown up on the shaft and then fell on his stomach on a rip saw, which cut him so terribly that he was immediately removed to Alexian Bros. hospital to undergo an operation. He is feeling some better at this writing, and is able to be up and about, but it will be some time yet before he will be able to leave the hospital.

A. L. Kirchgraber, of Mattoon, was a visitor at Kennicott Bros. Co.'s store, July 25, and had several old price lists with him from 1888 and about the only rose that was on the list then that is being grown for the local market now is the old favorite American Beauty, which is far from being a dead one and will be still in commerce when many of the popular varieties of today will be thrown in the discard.

Zech & Mann are having a new door put in at the east end of their store, which will give them a new entrance to the Weiland & Risch, Kyle & Foerster and E. F. Winterson Co.'s establishments. Allie Zech and wife are expected home this week from a two weeks' visit with relatives at Rock Island.

Reinhold Schiller, manager of Schiller's downtown store, is taking the bath treatments at West Baden, Ind. Fred Ronsley is giving the regular force a hand during his absence.

Lubliner & Trinz have leased the new Covent Garden theatre on North Clark street and will turn it into a moving picture house, opening Saturday, July 29.

Mr. and Mrs. James G. Hancock and daughters, Frances, Belle and Miriam, will leave next week for Deer Park, where they spend their vacation.

Fred Lautenschlager reports a heavy demand for Kroeschell boilers and states that telegraph orders are being received every day.

L. Loeser, with Kyle & Foerster, and family, are visiting with relatives at Ashland, Wis.

Joe Pfeffer, Weiland & Risch's efficient bookkeeper, is enjoying a two weeks' vacation.

Louis Ancrola has joined the staff in Poehlmann Bros. Co.'s cut flower department.

V. L. Schluraff, formerly of the Schluraff Floral Co., Erie, Pa., is now

with the Poehlmann Bros. Co., at the city store.

Visitors: John Furrow, Guthrie, Okla.; R. Haentze, Fond du Lac, Wis.; D. U. Augspurger, Peoria, Ill.; C. W. Sidles and wife, Hastings, Neb.; A. Frey and wife, Crown Point, Ind.; Miss Kate Harris, Memphis, Tenn.; John Evans, Richmond, Ind.; Mrs. Hugo Gross, St. Louis, Mo.

Milwaukee.

WORST DRY PERIOD IN YEARS.

The extremely hot weather of the past week put a quietus on business in general; only the more dainty flowers used for table decorations and stock for funeral work are in demand at times. Otherwise everything is very quiet. The dry, hot spell which lasted the first half of the month of July was one of the worst in some time past. Then, as if to make up for lost time we had two severe thunder and wind storms, the first, July 18 and the other, July 22. Although the heat has not moderated after the rain, still everyone interested in outdoor vegetation is feeling more contented.

NOTES.

Secretary F. Craneheld, of the Wisconsin State Horticultural Society, attended a meeting of the state fair board on the grounds July 19. As all Milwaukee Florists' club members belong to the Wisconsin State Horticultural Society, there is more co-operation now. This was shown when Mr. Craneheld consulted the club's state fair committee regarding space and other details which would be satisfactory and beneficial to all concerned.

Frank Sylvester, of the J. M. Fox & Son, Inc., force, spent the past week with his folks at Oconomowoc, Wis. He says that all the stock in the field, especially the carnation plants, suffered considerably during the recent dry spell.

At the Greenwood Carnation Co., at North Milwaukee, they say that Leon B. Thorpe, their foreman, who is confined in a hospital in Duluth, Minn., has informed them that he is getting along nicely.

At the C. C. Pollworth Co.'s greenhouses they are busy as bees. Owing to unavoidable circumstances, they are planting roses, late chrysanthemums and housing carnations, all at the same time.

It will take a few days yet to put the finishing touches to the new home of the M. A. McKenney Co., at 113

Wisconsin street. When completed it will be a fine store in the right place.

James Livingstone, private gardener to Fred Vogel, Jr., and treasurer of the florists' club, who is enjoying his first vacation in 20 years, will be back in the harness by July 29.

Harrison Mann (better known as "Harry"), who has been with Gust Rusch & Co. since its inception, severed his connection with that firm a short time ago.

Frank Berndt, foreman at the Holton & Henkel Co.'s Brown Deer plant, has taken to the northern part of the state to spend his vacation fishing and the like.

Most of the local carnation growers are busy emptying and filling benches, preparatory to housing the field grown stock.

Nic Zweifel, who left July 15 to enjoy a water trip up the great lakes, is expected to return about July 26.

The annual meeting of the Wisconsin State Horticultural Society will be held August 22 at Lake Geneva.

E. O.

Fort Wayne, Ind.

With the mercury hovering close to the 100 mark, business has suffered considerably. Greenhouse stock is poor in quality, roses being very inferior, and carnations are small and scarce. Gladioli are becoming more plentiful and asters are to be reckoned with. Outdoor flowers are good.

NOTES.

S. Hudson, orchid grower at the W. J. & M. S. Vesey range, is expected home from Washington, D. C., where he has been engaged in packing for shipment the collection of orchids recently purchased by the Vesey firm from George Fields. The greenhouse force at the Vesey range is busy planting the young rose and carnation stock in the houses. They are cutting fine Shawyer roses and Easter lilies.

Edward Markey, of Markey Bros., who with Mrs. Markey has been visiting relatives in Michigan, will return home this week.

Miss Mildred Flick, accompanied by her aunt, Miss C. B. Flick, will leave shortly for a northern Michigan lake trip.

Wright's Gladioli & Bulb Farm is sending in some fine blooms which meet with quick sale.

Robert E. Davis is sending in some fine gladioli from his farm.

H. K.

BIG CUT OF Specially Grown Summer Roses FOR ALL OCCASIONS

All the Best Standard and Novelty Varieties. Large Flowers on All Lengths of Stems Well Laden with Splendid Foliage.



**Plenty of VALLEY and LILIES
ALWAYS ON HAND.**

You can increase your profits and business by sending all your orders direct to

**Quality
Speaks
Louder
Than
Prices.**

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

**ROSES, VALLEY
and CARNATIONS
A Specialty.....**

**WHOLESALE
Grower of**

GUT FLOWERS

**Prices
As
Low
As
Others.**

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Cincinnati.

SUPPLY MEETS WITH READY SALE.

The market is not any too long on stock, and what does come in is meeting with a pretty ready sale. Roses are in a fair supply. The receipts of gladioli are good, but at times the lighter varieties run short. Among the offerings are some excellent American and May gladioli. Easter lilies are in a good supply. Asters are becoming very plentiful and the good ones sell very readily. Other offerings include water lilies, snapdragons, carnations and cornflowers.

NOTES.

Among last week's Rotarian florist visitors were Edward A. Seidewitz, president of the Baltimore Rotary Club, member of the S. A. F. and former mayor of Annapolis, Md.; Mr. Bayer, son of Geo. Bayer of Toledo, O.; V. J. Gorly, St. Louis, Mo.; Theodore Zetlitz, Lima, O., and C. S. Niednager, Evansville, Ind.

C. E. Critchell is about ready to move into his new store. The arrangement is excellent and will result in an economy of time within the store in handling stock and supplies.

The Cincinnati Cut Flower Exchange have almost completed the remodeling of their new place and will move into same about August 1.

Gus. Adrian, Sr., and wife, have gone to their cottage at Le Cheneaux to spend the balance of the summer.

E. G. Gillett has been getting some excellent May gladioli from Pommert, "The Goldfish Man."

Arthur J. Gear left the first of this week on a six weeks' trip through the northwest.

J. T. Conger and wife have returned from a trip to Wichita, Kan., and Chicago.

Henry Schwarz and wife are home after two weeks spent at Fleming, O.

Carnations NEW CROP Asters S. MURATA & CO.,

OLDEST AND MOST EXPERIENCED
SHIPPERS IN SOUTHERN CALIFORNIA.

751 S. Broadway,

LOS ANGELES, CALIF

Mr. and Mrs. Mayhall motored to Lexington, Ky., July 24.

Visitors: Lester F. Benson, Indianapolis, Ind.; Le Roy E. Shaw, Pittsfield, Mass., and Harry Baisley, Detroit, Mich.

Columbus.

EXCEPTIONALLY GOOD BUSINESS REPORTED.

"Our receipts during the first 20 days of July have exceeded those of the entire month a year ago," stated a member of a leading firm of florists. An unusually good business for the time of year appears to be the general experience of the trade. One firm says that it is better than the supply of flowers justifies. Sweet peas and carnations are practically out of the market, except for some stunted stock which does not find much favor with the consumer. Roses are the big staple in gift cut flowers. Prices are suited to the dull period, \$1.50 per dozen being realized for blooms that would bring \$2.50 in the regular season. Gladioli are still enough of a novelty to bring \$1.25 to \$1.50 a dozen. There is prospect of a big crop, and dealers look for a glut a little later when they begin to be cut freely. Snapdragons are on the wane, but are still a good seller. Dahlias are overdue, the showing being very light so far. Funeral work and hospital and sick room flowers are expected to be the main standby for the next month or more.

NOTES.

It is not often, in the experience of Columbus florists, at least, that a funeral calls for an expert to look after the floral appointments of such an event. The Ritter Lumber Company, of Columbus, is a multi-millionaire corporation, with big operations in the south. On Thursday of last week George W. Litz, assistant to the president, was fatally injured in a collision of motor "hand" cars near one of the mills in North Carolina. A surgeon was dispatched from here, to supplement other medical attendance, but Mr. Litz died the following day. The lumber company ordered through the T. J. Ludwig store here, flowers to the value of \$275, and paid the expenses of E. D. Ludwig, connected with the store, to go with them and see to their proper arrangement. He left here in a private car on Saturday, to be in time for the funeral on Sunday. Some \$200 worth of flowers forwarded from Roanoke, Va., was also given into Mr. Ludwig's charge.

The Munk Floral Company will devote nearly all of its 50,000 feet of glass to rose cultivation, and is now completing planting, incident to this specializing of their business. Some 11 varieties will be grown, with the Ophelia as one of the leaders. They will sell to the wholesale trade through their retail store, where all kinds of flowers are to be handled, as heretofore.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS

L. D. Phone, Randolph 6578

CHICAGO, ILL.

Kansas City, Mo.

WARM WEATHER AND INFERIOR STOCK.

Hot weather continues with the result that stock is suffering especially where the hose cannot reach it. Gladioli are deteriorating both in quantity and quality and are far from A-1 stock. Carnations are rarely seen and roses are small and poor in quality. They are wide open almost before they are unpacked. Lilies are good and play a big part on the market at present.

NOTES.

Stock has been scarce with the W. L. Rock Flower Co., with a good call for funeral work. Hugo Neff of this firm's force is away on a trip to Denver. Miss Schmedinghoff is on her vacation and Lloyd Mason is in Pittsburg, Kan. Miss Richards is recovering from an attack of ptomaine poisoning.

Geo. M. Kellogg Flower & Plant Co. reports a good week with a heavy demand for funeral work, which was hard to handle owing to the limited supply of stock. Charles Thomas of this firm is on his vacation and Geo. Brackenbury is at the greenhouses at Pleasant Hill for the summer.

H. Kusik & Co. have received a car of sphagnum moss, which has been very scarce here. They handled a large quantity of gypsophila last week. Ray Blessing is on his vacation.

Ray Sturgeon, formerly in the employ of A. Mohr, has leased the latter's old stand for three years and will specialize in carnations, chrysanthemums and sweet peas.

W. J. Barnes had a busy week with funeral work. H. H. Coffee, bookkeeper at this establishment, is spending his vacation in the Ozarks and will also visit his parents.

T. J. Noll & Co. are making quite a hit with Colorado grown carnations. Mr. Noll has returned from his northern trip and is ready for business again.

M. E. Chandler reports his gladioli are slowing up and his dahlias will be a failure if rain does not come his way shortly.

E. R. Griggs, of Shawnee, Okla., has been in the city during the past week purchasing supplies for his fall trade.

James Payne has installed a new boiler at his establishment which he believes will be a big improvement.

Miss J. E. Murray reports good summer business. She will leave for a trip to Michigan about August 4.

Arthur Newell and wife have returned from a northern trip and report a delightful time.

E. J. B.

New Orleans.

HORT. SOCIETY ELECTION AND BANQUET.

Assembling for their annual banquet, members of the New Orleans Horticultural Society made merry at the Heidelberg Cafe, July 20. Charles R. Panter, who has so ably filled the position of secretary in the organization for the past 15 years, delivered a splendid address which sounded the keynote of the gathering, the members of many nationalities all living in the bonds of friendship in the great United States. P. A. Chopin, president of the society, told of the birth,

Special Summer Assortment



25

CUT FLOWER BASKETS

\$7.50

Many of the florists use them in their window displays to good advantage. Order Your Assortment Today.

RAEDLEIN BASKET CO.,

713 Milwaukee Avenue,

CHICAGO

growth and accomplishments of the organization extending over a period of 32 years, and the cementing of friendships that has helped so much to add to the successes of past years. He made a strong plea for a large representation at the S. A. F. convention to be held at Houston, Tex., August 15-17, urging that the delegation from this city make visitors to the Houston meeting remember New Orleans. At the election of officers, P. Abele was selected for president, E. A. Farley was chosen vice-president, Chas. R. Panter was re-elected secretary, and John Eblen was re-elected treasurer for his thirty-second term. Those in attendance included the following: Henry Scheurmann, Joseph Stecker, C. W. Eichling, Paul Ebele, E. A. Farley, C. R. Panter, John F. Bollwinkle, P. A. Chopin, A. Alost, A. Verlande, Frank Reyes, Henry Rehfeld, Man Scheinoux, Xavier Grillot, Chas. Tarles, W. A. Dinkel, Henry Kraak, L. H. Mard, A. V. Dammeroui, E. F. Dormoy, P. Ackermann, H. C. Doescher, C. L. Orly, B. E. Eble.

NOTES.

C. W. Eichling reports his farm at Bayou, La., coming along nicely. He is not troubled with citrus canker and has figs and other fruits in abundance.

Herman Doescher is maintaining his reputation as the greatest fern grower in the south.

A. Verlendi will have the largest stock of ficus and ferns this fall that he has ever grown.

Charles Eble's show windows are always the center of an admiring throng.

H. Scheurmann, of The Flower Shop, reports good business.

REFRIGERATORS

WRITE FOR CATALOG

Buchbinder Bros.

518 Milwaukee Ave., Chicago, Ill.

Mention the American Florist when writing

P. A. Chopin is busy preparing for his usual heavy fall trade.

E. A. Farley has increased his glass area considerably.

Abele Bros. are clearing out most of their old stock. C. R. PANTER.

Minneapolis Floral Co.

The business of the Minneapolis Floral Co., since the death of John Monson, has been conducted by Adolph E. L. Johnson as administrator of the estate of John Monson, deceased. The interests of the estate have now been sold to Emil Olson, Evelyn Monson, and Carl Christensen, who have incorporated under the name of the Minneapolis Floral Co., and will continue the business.

It is understood that all bills incurred up to July 9, 1916, will be paid by the administrator, and all bills incurred on and after July 10, 1916, will be paid by the corporation.

Omaha.

George Swoboda, of Hess & Swoboda, and family, left on an auto tour to Denver, Colo., July 25.

The annual picnic of the florists' club will be held at Lake Manawa, Ia., August 4.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 NO. WABASH AVE., CHICAGO
Telephone Central 466

HOERBER BROS.

Wholesale
Growers of **Cut Flowers**

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. **Chicago**
Store: 162 N. Wabash Ave..

A. L. Randall Co.,

Wabash Ave. and Lake St., **CHICAGO, ILL.**

Wholesale Cut Flowers,
Florists' Supplies.



A. T. PYFER & CO.

WHOLESALE

Commission Florists

30 East Randolph Street, **CHICAGO**

Rochester, N. Y.

STOCK PLENTIFUL BUT POOR IN QUALITY.

Trade has been very good during the past week despite the warm weather, funeral work being in heavy demand. Flowers are plentiful, but roses are not up to standard and carnations are small and poor in quality. Harrisii lilies are plentiful as are sweet peas. Orchids and lily of the valley are scarce and prices are high.

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. Phones Central 1977 and 1978.

Mention the American Florist when writing

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST.	Per doz.
Roses, Beauty, specials	\$5 00
" " 36-in.	4 00
" " 30-in.	3 00
" " 24-in.	2 50
" " 20-in.	2 00
" " 18-in.	1 00
" Mrs. Chas. Russell.	\$4 00@15 00
" Beauty, short	4 00@6 00
" Hoosier Beauty	2 00@10 00
" Killarney Brilliant	2 00@10 00
" Killarney	2 00@10 00
" White Killarney	2 00@10 00
" Richmond	2 00@10 00
" Prince de Bulgarie.	2 00@10 00
" Rhea Reid	2 00@10 00
" My Maryland	2 00@10 00
" Mrs. Geo. Sawyer	2 00@10 00
" Milady	2 00@10 00
" Sunburst	2 00@10 00
" Mrs. Aaron Ward	2 00@10 00
" Hadley	2 00@10 00
" Ophelia	2 00@10 00
" Double White Killarney ..	2 00@10 00
" Mrs. Moorfield Storey ..	2 00@10 00
" Champ Weiland	4 00@10 00
" Stanley	3 00@10 00
" Tipperary	3 00@10 00
" Frances Scott Key	3 00@10 00
" Bayard Thayer	3 00@10 00
" Cecile Brunner	2 00@3 00
" George Elgar	2 00@3 00
" Baby Doll	2 00@3 00
" Fireflame	4 00
" Our selection	3 00
Carnations	1 00@3 00
Cattleyas	per doz., 6 00@7 50
Asters	2 00@3 00
Dahlia	3 00
Lilium Harrisii	10 00@12 50
Sweet Peas	75@1 50
Valley	3 00@6 00
Adiantum	1 00@1 50
Snappdragons	75@1 50
Daisies	1 00@3 00
Calendulas	3 00@4 00
Ferns	per 1000, 1 50@3 00
Galax	1 00@1 25
Leucothoe	75@1 00
Mexican Ivy	per 1000, 5 00@6 00
Plumosa Strings	each, 60@ 75
Smilax	per doz., 2 00@2 50
Sprenger, Plumosa Sprays ..	3 00@4 00
Boxwood, 25clb per case ..	7 50

THE BOOK OF GLADIOLUS



THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, \$1.25

AMERICAN FLORIST CO.
440 So. Dearborn St.
CHICAGO.

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, **CHICAGO**

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., **CHICAGO**

Mention the American Florist when writing

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - **Chicago**

Telephone Central 3284

Mention the American Florist when writing

FIELD-GROWN CARNATION PLANTS

White Enchantress, White Perfection, White Wonder, Alma Ward, Matchless, C. Akehurst, C. W. Ward, Alice, Light and R. Pink Enchantress, Enchantress Supreme, Philadelphia, D. Gordon, Champion, Beacon, Victory.

Let us know your requirements and we will submit prices.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Pittsburgh.

OUTING AT SEWICKLEY.

The outing of the florists' and gardeners' club at Sewickley Heights, July 19, proved a most enjoyable event. Led by a pilot on a motorcycle, 75 members left the establishment of Wissenauer, The Florist, in 14 autos, and the first stop was made at the H. R. Rea estate, where the tastefully arranged and well filled borders of herbaceous perennials and extensive plantings of conifers and the beautiful Italian garden were greatly admired. Franklin Farms, the summer home of Mr. Laughlin, were next visited, where in addition to a riot of bloom, succulent vegetables were noted, both in quantity and quality; thence, to Mrs. Wm. Thaw, Jr.'s, place, the feature of which is a well-planned rock garden, while overlooking these miniature Alps was a quaint garden house. Another sharp run brought us to the home of Mrs. Elizabeth Horne. Mr. Curran, one of our fellow members, is gardener here, and all were anxious to see the place where the good things come from that he brings to the meetings, and after an inspection of the place a much enjoyed luncheon was served. The new residence being erected for Mrs. Willock was next visited, which commands an inspiring view, and then on to the residence of W. P. Snyder, which boasts of the finest avenue of pin oaks in the state, while on the veranda is one of the finest Bull Moose ferns in the country. Wm. Thompson, one of the escorts, is gardener here. Many other points equally as interesting were visited, including the estates of W. P. Schiller, Binns, Fritz Ryers, Schoonmaker, R. H. Boggs and E. A. Woods. At the last named stop at a camp in the woods refreshments were served, after which a vote of thanks was tendered to all who assisted in the day's entertainment, one of the most enjoyable events in the history of the club.

VARIETY IS LACKING IN MARKET.

With the exception that the supply has shortened somewhat, there is little change in market conditions. There is not much of a variety to offer at the present time. Carnations are about over, and asters are not making a very strong appearance. Roses with most growers are either off crop or very poor in quality.

NOTES.

The Horticultural Society of Sewickley is a new organization in our fair suburb. The first meeting was held July 17, with an attendance of 30. George Wessenauer is president of the organization. Success!

Earl Tipton, formerly identified with the trade here, but now with Penn. The Florist, Boston, Mass., visited friends here during the past week.

Milton Alexander, now the proud daddy of a little daughter, called on the trade here this week.

Visitors: Julius Dilhoff, New York; L. E. Shaw, Pittsfield, Mass.

M.

TILSONBURG, ONT.—Hail, some measuring four and one-half inches in circumference, damaged the greenhouses of W. L. Lindsay to the extent of 1,000 feet of glass, July 2.

Wholesale Flower Markets

BOSTON, July 26.		Per
Roses, Beauty.....	20 00@25 00	
" Killarney Queen.....	2 00@ 8 00	
" White and Pink Killarney.....	2 00@ 8 00	
" Double White Killarney.....	2 00@ 8 00	
" Killarney Brilliant.....	4 00@10 00	
" Hadley.....	4 00@10 00	
" Cardinal.....	2 00@ 8 00	
" Mock.....	6 00@12 00	
" Mrs. Chas. Russell.....	6 00@12 00	
" Sunburst.....	6 00@12 00	
" Taft.....	2 00@ 8 00	
" Milady.....	2 00@ 6 00	
" Ward and Hillingdon.....	2 00@ 8 00	
" My Maryland.....	50@ 5 00	
Cattleyas.....	50 00@75 00	
Lily of the Valley.....	4 00@ 5 00	
Sweet Peas.....	50@ 1 00	
Carnations.....	1 00@ 2 00	
select.....	2 00@ 3 00	

BUFFALO, July 26.		Per 100
Beauty Special.....	20 00@25 00	
" Fancy.....	15 00@20 00	
" Extra.....	10 00@12 00	
" First.....	8 00@10 00	
" Second.....	2 00@ 4 00	
Roses, Killarney.....	3 00@ 6 00	
" White Killarney.....	3 00@ 6 00	
" My Maryland.....	3 00@ 7 00	
" Killarney Queen.....	3 00@ 6 00	
" Richmond.....	3 00@ 8 00	
" Sunburst.....	3 00@ 6 00	
" Ward.....	2 00@ 5 00	
" Taft.....	3 00@ 8 00	
" Ophelia.....	3 00@ 8 00	
" Shawyer.....	3 00@ 6 00	
" Bon Silene.....	2 00@ 3 00	
Lily of the Valley.....	4 00@ 6 00	
Lilies.....	8 00@10 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 00@ 2 00	
Asparagus Sprenger.....	35@ 50	
Ferns.....per 1000.	2 00	
Smilax.....	15 00	

CINCINNATI, July 26.		Per 100
Roses, Beauty.....per doz.	\$0 75@ \$4 00	
" Killarney.....	2 00@ 6 00	
" My Maryland.....	2 00@ 6 00	
" Richmond.....	2 00@ 6 00	
" Taft.....	2 00@ 6 00	
Lilium Giganteum.....	6 00@10 00	
Asparagus Plumosus.....per bch.	25c	
Orchids.....per doz.	6 00	
Gladiolus.....	2 00@ 4 00	
Sweet Peas.....	25@ 50	
Shasta Daisies.....	1 00	
Snappdragons.....	2 00@ 4 00	
Asters.....	1 00@ 2 00	

Cleveland.

FALL SHOW, NOVEMBER 10-12.

The fall show for the Carrigan cup will be held November 10-12, under the auspices of the Cleveland Florists' Club, the Ohio State Horticultural Society and the Cleveland Garden Club. The entries will be open to all growers and retailers the same as last year, and the competition will also be open to private gardeners of the state. Last fall the cup was won by Wm. Fisher, head gardener for H. S. Firestone, Akron. In the retailers' section there will be awards for table arrangements, baskets and corsages and prizes will be offered the growers for plants and cut flowers. Premium lists will be mailed later. The class for the Carrigan cup, which is valued at \$500, and must be won three times to become the permanent property of any private grower, is as follows: Thirty-six blooms chrysanthemums, six varieties, six blooms of each to be staged in two vases. Exhibitors may furnish their own vases and accessories. The use of greens permissible. Arrangement will be considered. The cup is to be the tem-

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET,
BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

Mention the American Florist when writing

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley
ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

Mention the American Florist when writing

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

porary property of the winner for one year and is to be returned to the Cleveland Florists' Club one month before the next fall show.

CLUB OUTING.

A general good time was had at the annual outing of the florists' club at Willoughbeach park, July 20. The crowd although not a very large one was imbued with the holiday spirit and enjoyed the occasion immensely. Even the rain held off long enough to enable the entertainment committee to carry out a splendid programme of sports, all of the events being keenly contested, one of the principal contests being the tug-of-war in which the wholesalers' team was victorious. A

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
**Choice Cut Flowers
and Greens**

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street

KANSAS CITY, MO.

Mention the American Florist when writing

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.

CATTLEYS, CARNATIONS and LILIES.

One block from express depot.

1619-21 Hanstead St., PHILADELPHIA, PA.

Mention the American Florist when writing

number from out-of-town points were present and joined in the festivities, among them the following: Philip Foley, Chicago; Mrs. John Walker, Youngstown, O.; Julius Dilhoff, New York; Michael Bloy, Detroit.

C. F. B.

Exeter, N. H.

G. W. Hilliard has an extensive range of about 60,000 feet of glass all planted to roses, which he grows for the Boston market. The stock here is in splendid condition. As in many other places, Ophelia has made good and new benches are being given over to it. Hoosier Beauty, Mrs. Charles Russell and Double White Killarney are also favorites here.

J. R. Perkins has a range of houses and a store on Lincoln street, all very nicely arranged for the retail business, which has been very satisfactory during the past season.

K.

DETROIT, MICH.—Philip and H. G. Breitmeyer and Frank Danzer have incorporated John Breitmeyer's Sons with a capital stock of \$50,000.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245.

P. O. Box 206

444-446

Milwaukee St., Milwaukee, Wis.

New Fancy Ferns

Special picked. Leave your regular orders with us.

Fancy Lily of the Valley, Orchids, Gladioli, Lilies and all other seasonable flowers.

FLORISTS' SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, July 26.		Per 100
Roses, Beauty, extra.....	20 00@25 00	
" first.....	10 00@15 00	
" Mrs. Chas. Russell.....	8 00@15 00	
" Killarney.....	2 00@ 8 00	
" White Killarney.....	2 00@ 8 00	
" Liberty.....	5 00@10 00	
" Hadley.....	4 00@12 00	
" Sunburst.....	3 00@ 8 00	
" Ophelia.....	3 00@ 8 00	
" Hoosier Beauty.....	4 00@12 00	
Carnations.....	2 00@ 4 00	
Cattleyas.....	35 00@50 00	
Callas.....	6 00@ 8 00	
Lilium Harrisii.....	6 00@ 8 00	
Sweet Peas.....	50@ 1 00	
Snaptagons.....	3 00@ 6 00	
Calendulas.....	2 00@ 4 00	
Mignonette.....	3 00@ 4 00	
Gladioli.....	6 00@ 8 00	
Larkspur.....	4 00@ 6 00	
Asparagus.....	per bunch, 50	

PITTSBURGH, July 26.		Per 100
Roses, Beauty, special.....	25 00	
" fancy.....	20 00	
" extra.....	15 00	
" No. 1.....	8 00	
" Killarney.....	2 00@ 8 00	
" My Maryland.....	2 00@ 8 00	
" Sunburst.....	2 00@ 8 00	
" Mrs. Aaron Ward.....	2 00@ 5 00	
" Richmond.....	3 00@ 8 00	
Cattleyas.....	30 00	
Lilium Gigantum.....	8 00	
Carnations.....	1 50@ 2 00	
Coreopsis.....	50	
Adiantum.....	1 25	
Asparagus Sprengeri, per bunch.....	35@40	
Sweet Peas.....	50	
Asters.....	1 00@ 2 00	
Gladioli.....	2 00@ 5 00	
Water Lilies.....	2 00	
MILWAUKEE, July 26.		Per 100
Roses, Killarney and W. Killarney.....	2 00@ 8 00	
" Ward.....	2 00@ 8 00	
" Mrs. Chas. Russell.....	4 00@15 00	
" Ophelia.....	3 00@10 00	
" Hoosier Beauty.....	3 00@10 00	
Lilies.....	8 00@10 00	
Cattleyas.....	per doz., 6 00	
Sweet Peas.....	25@ 50	
Carnations.....	1 00@ 2 00	
Snaptagons.....	doz., \$0.25@ \$0.50	
Gladioli.....	4 00@ 5 00	

RICE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

St. Louis, July 26.		Per 100
" Killarney.....	1 00@ 4 00	
" White Killarney.....	1 00@ 4 00	
" Aaron Ward.....	1 00@ 4 00	
" Sunburst.....	2 00@ 6 00	
" Ophelia.....	2 00@ 6 00	
Cecile Brunner.....	2 00	
Richmond Roses.....	1 00@ 6 00	
Valley.....	4 00	
Carnations.....	1 50@ 2 00	
Callas.....	6 00@ 8 00	
Lilies.....	6 00@ 8 00	
Asparagus Plumosus, per bu.....	25@75	
Ferns.....	per 1000, 1 50	
Bronze Galax.....	per 1000, 1 00	

New York.

PRICES ON GOOD ROSES STIFFEN.

Early in the past week there was a great falling off in the supply of stock, and although business was light, prices stiffened up a little on good roses. The same might be said of carnations, but there are now so few good ones that they are scarcely factors in the market. In tea roses, the most of the business is being done with Ophelia, Shawyer, My Maryland and the Killarneys, for the reason that they are the most plentiful, but the growers have to cut them very tight. Russell, Mrs. Bayard Thayer and Francis Scott Key are well spoken of as summer roses, but the supply is light. The summer habit of Richmond is well known, and Hoosier Beauty also opens very freely. Considering the season, the supply, the quality of stock and the demand is about what was to be expected. On Saturday, July 22, special American Beauties wholesaled at the rate of \$30 per 100, and the quality was very poor at that. There is a marked increase in the supply of gladioli, but they are moving slowly. In green, smilax is down to 60 cents per dozen strings with little demand. A great quantity of gypsophila is on the market, which is taking the place of asparagus, and for the time being is putting the latter in the discard. Asters are arriving quite freely, but very few good ones have been noticed. Cut stock of Hydrangea paniculata is a feature and it goes fairly well. There is a variety of other outdoor stock on the market, of which more or less is sold—generally less—but it does not loom large.

July 24.—There is a very light supply of stock this morning, but buying is slow. The large retail stores are doing very little business, and even with a light supply of good stock, it moves slowly. The most noticeable features are gladioli and asters, which are becoming plentiful.

NOTES.

We have recently had occasion to notice the activities of the Gramercy Florist, 3830 Broadway, A. Pulas, manager. This store does an annual business of \$10,000, supplying a great quantity of geraniums and other plants to the real estate firm of Pease & Elliman, which has large interests throughout the city.

A. M. Westwood, the Pennsylvania Terminal Florist, arranged a fine decoration July 19 at the Hotel McAlpin, for a dinner given for the heads of departments of the Westinghouse Company. At his home at Valley Stream, L. I., he has a nice garden in which he grows a variety of stock for his store.

Two interesting visitors, the past week, were Robert Craig, of Philadelphia, Pa., and George Asmus, of Chicago. The latter, with his wife, children, and two friends, had been on an automobile tour for two weeks and reached this city July 20, leaving for home July 22, in good health and spirits.

John Strates, the well-known retailer of Seventh avenue and 23d street, and Lysero Anderson of the "Garden Florist", Broadway and 112th street, are spending their vacation at Sunnyside Inn, Star Lake, N. Y. Their many friends wish them a pleasant vacation and a safe return.

The first crop of asters is usually poor, but we have noticed good ones at the store of William P. Ford, 107 West 28th street. William Mack, of this store, has gone on a vacation and William Sheehan, well known as a hustler, continues to hustle.

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken new for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

Mention the American Florist when writing

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers.

Mention the American Florist when writing

H. Schwartz and Henry Moller, of Wadley & Smythe's staff, have just returned from their vacations. Mr. Schwartz visited the Yellowstone park and saw some of those wonderful bears that are so tame that they take their meals at the hotels.

Workmen have recently been busy in the basement of the Coogan building getting it in shape for the plant business of Johnson & Millang, Inc., and they are now taking orders for bulbs and other fall stock.

The MacNiff Horticultural Co. has been given considerable prominence in the daily press as one of the complainants in the censored mail controversy between the United States and British governments.

F. L. Rossow and Wm. Mortimer, of Van Praag's staff, are on a fishing trip at a coast resort in Virginia, and they write that they are making enormous hauls of weakfish, but say nothing about sharks.

George J. Polykranas, the wholesaler, has been preparing for fall business by installing a new ice box in his wholesale store, 104 West 28th street. Its dimensions are 12x18 feet.

James Lyons, buyer for M. A. Bowe, is on a four weeks' vacation at Moosehead Lake, Me. During his absence, Frank Good is officiating at the store.

Joseph A. Millang is receiving exceptionally good Francis Scott Key roses, for the season, from the F. R. Pier-son Co.

J. K. Allen and wife have been at Ocean Grove, N. J., for the past week, attending the Methodist conference.

Frank Traendly, who is with his family at Rowatton, Conn., is said to be greatly improved in health.

A meeting of the flower show committee was held in the store of John Young & Co., July 22.

Paul Meconi is handling fine stock of Gladiolus America and other varieties.

John Reimel's Sons, Woodhaven, N. Y., are bringing in good asters.

A. F. F.

EVANSVILLE, IND.—George H. Blackman, of the Wm. Blackman Floral Co., after the best year's business in the history of the firm, left with his family for Atlantic City, July 17. The founder of the firm, William Blackman, now nearly 80 years of age, is still in good health and rides around in his buggy every day.



Mention the American Florist when writing

—We are—

Wholesale Florists

Have twenty-two years experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

GUTTMAN & RAYNOR,

INC.
PHONES: 558 101 W. 28th St.,
FARRAGUT 2036
2037 NEW YORK

Mention the American Florist when writing

PHONE—FARRAGUT 8913

JAMES COYLE

WHOLESALE FLORIST

64 West 26th St., NEW YORK

(Opposite Coogan Building)

20 years experience

Consignments Solicited and Prompt RETURNS GUARANTEED.

Mention the American Florist when writing

Trade Directory

PRICE, \$3.00,
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AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

PAUL MECONI

WHOLESALE FLORIST

55-57 W. 26th Street

Telephone:
3864 Farragut.

NEW YORK CITY

Riedel & Meyer, Inc.

Wholesale Florists

25 YEARS EXPERIENCE

CONSIGNMENTS SOLICITED

49 West 28th Street,

NEW YORK

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" Richmond.....	25@	4 00
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" Mrs. Chas. Russell.....	1 03@	5 00
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" " inferior grades.....	15 00@	25 00
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Hybridum.....	1 50@	2 50
Asparagus Plumosus.....doz. bchs.	1 00@	1 50
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UP TO DATE ESTABLISHMENTS PLENTIFUL.

D. R. Fogg has just purchased the E. J. Harmon Co. store at 657 Congress street and has a very commodious place, with a real metropolitan appearance. Mr. Fogg has been learning the business in Philadelphia and New York and will have here a good chance to put his ideas to the test. Miss Bertha F. Longee has a very prettily arranged store. A good stock of flower holders, vases, jardinières and many dainty things in this line are seen displayed. The furnishings and placings of the stock all suggest an artistic touch. A number of vases hold samples of the stock in season. Miss Longee is much pleased with the volume of business. Philip H. Talbot, 673 Congress street, has a very up-to-date place, everything being handy and convenient. A large show window is kept nicely decorated. He is a new comer, but says he is much pleased with the prospects, his past season's business being very satisfactory. Miss Hayes is managing the business of the E. J. Harmon Co., at 493 Congress street, since Mr. Harmon's death, which occurred July 1. They have a good business conducted in a well arranged store, right in the best of the retail district.

This, the largest city in Maine, with a population of over 63,000, is beautifully situated on a high bluff, commanding a fine view of the ocean, as well as the surrounding country and mountains, even the distant White mountains being visible on a clear day. The eastern and western boulevards are laid out on high plateaus with splendid drives at each end of the city. The central retail street, on which are situated most of the flower shops in an up-to-date business thoroughfare, brilliantly lighted at night and full of activity at all times. The oldest flower store is that of J. W. Minnot Co., Inc., Mrs. Smith manager. The entire interior of this shop is lined with hemlock bark, giving it a very unique appearance. This was put on when the store was fitted up 40 years ago and is still apparently as good as ever. A greenhouse in the rear affords needed room for holiday displays and palms.

The growers, most of whom do a retail business as well, are situated on the outskirts of the city. Alex Wallace, of the Sunnyside Greenhouses, makes a specialty of landscape work, in addition to his cut flower department. Hans Nielsen, of Bentwood street, and W. A. Ramsey, of Forest avenue both ornament their places with samples of nice bedding. Charles E. Clark, of Ashmont street, "Charley", the Portland "boys" call him, is a philosopher and the best read man in the business. L. C. Goddard, of Stevens avenue, has a very well arranged store and greenhouses and reports that business has been very satisfactory.

Portland has two large seed stores and farm supply houses. Allen, Sterling & Lathrop, 49 Exchange street, have a commodious store. In addition to seeds they make a specialty of poultry and dairy supplies. They enjoyed

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Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

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Dept. C. F., Springfield, Mass.

a very good season. Kendall & Whitney, Federal and Temple streets, have a very commodious building, doing a large farm implement business in addition to that of seeds. Mr. Kendall has been in the seed business for a continuous period of over 55 years and is still actively on duty every day.

Mrs. Dennet, who also conducts the Portland Flower Store, reports business good for the season. Her two stores are commodious and well situated for business. Miss Marion E. McGonigal, proprietor of the Oak Street Flower Shop, has a corner store, which keeps her busy all the time.

K.

Nashville.

SUPPLY AND DEMAND BALANCE.

More or less rain every day or two has characterized the present season, warding off the insufferable heat usual at this time of year, and at the same time has been rather beneficial than otherwise to those things that can be grown out of doors—notably the asters. The general heigra to the springs and watering places, the closing of the social season, and the end of all the many recitals has caused a great falling off in the floral trade, and business has been rather dull. There are a few good wedding orders still being handled and there is always the funeral work. The supply of flowers is about equal to the demand. There are some good roses, but their tendency to flare open as soon as cut, is rather a drawback to their beauty and usefulness. A nice crop of asters is coming in and every one seems to have a good supply of longiflorum and speciosum lilies. The dealers are working up the unpaid bills and getting in all those accounts chronicled as "good but slow". As a rule collections are very good, but there are always some left-overs that come in handy in the summer time when trade is dull.

The second exhibit in the city beautiful contest has been given and was very successful in every particular. A large and very creditable variety of flowers were exhibited, showing a widespread interest, and an equally large variety of vegetables all grown in the back yards of the city. Very good premiums were offered, inducing many to enter the contest.

M. C. D.

The Chrysanthemum Manual

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NEW CROP

Green Sheet Moss.....\$1.75 per bag

Perpetuated Moss..... 3.50 per bag

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Foliage)..... 2.50 per case

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Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Briggs Floral Co., Chicago.
Brooklyn Cut Flower Market, Brooklyn, N. Y.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Comley, Henry R., 6 Park St., Boston, Mass.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Dard's, 44th and Madison Ave., New York.
Dominion Floral Co., The Montreal, Quebec.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyles, 106 State St., Albany, N. Y.
Evenden Bros. Co., Williamsport, Pa.
Fox, J. M. & Son, Inc., Milwaukee, Wis.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Hatcher, John C., Schenectady, N. Y.
Hencie, Miles S., Syracuse, N. Y.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Higgins, N. P., Springfield, Mass.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Howard & Smith, Los Angeles, Calif.
Huscroft's Flower Shop, Steubenville, O.
Johnston & Co., T. J., Providence, R. I.
Joseph's, 233-235 Grant Ave., San Francisco.
Joy Floral Co., Nashville, Tenn.
Keller Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia, Pa.
London Flower Shop, Ltd., Atlantic City, N. J.
Mangel, Chicago.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
McMurray, D. M., Pueblo, Colo.
Metairie Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Ogden Floral Co., Chicago.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J. & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Pearson, E. W., Newburyport, Mass.
Penn, The Florist, Boston, Mass.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Potter Floral Co., El Paso, Texas.
Pyfer & Olsem, Wilmette, Ill.
Randall's Flower Shop, Worcester, Mass.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London and Norwich, Conn.
Reuter's, Westbury, R. I.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Seki Bros. & Co., Los Angeles, Calif.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stump, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Van Meter Flower Shop, Springfield, O.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Whitted Floral Co., Minneapolis, Minn.
Wilson, J. S., Floral Co., Des Moines, Iowa.
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Amsterdam, N. Y.—John C. Hatcher.
Boston, Mass.—Comley, Henry R.
Boston—Thos. F. Galvin, Inc.
Boston—Penn. The Florist.
Brooklyn, N. Y.—Brooklyn Cut Flower Market.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Briggs Floral Co.
Chicago—Friedman, 522 S. Michigan Blvd.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder, 3343 W. Madison St.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel, 17 E. Monroe St.
Chicago—Ogden Floral Co.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Feters.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews, the Florist.
Denver, Colo.—The Park Floral Co.
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Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
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New York—G. E. M. Stumpp.
New York—Young & Nugent.
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Omaha, Neb.—Hess & Swoboda, Farum St.
Omaha, Neb.—Lewis Henderson.
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Providence, R. I.—T. J. Johnston & Co.
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San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Springfield, Mass.—N. F. Higgins.
Springfield, O.—Van Meter Flower Shop.
Steubenville, O.—Huscroft's Flower Shop.
Syracuse, N. Y.—Miles S. Hencle.
Terre Haute, Ind.—J. G. Heintz & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
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Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.
Wilmette, Ill.—Pyter & Olsem.
Williamsport, Pa.—Evensen Bros. Co.
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Established 1849

David Clarke's Sons

2139 2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

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Mail or telegraphic orders promptly and most carefully executed.

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A. Newell FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

106 STATE STREET.

Toronto, Can.

Canada's best known and most reliable florist

Only the Best Dunlop's

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee safe arrival.

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J. M. Fox & Son, Inc.

437-39-41 Milwaukee St.

Members Florists' Telegraph Delivery Association.

THOS. F. GALVIN INC.

NEW YORK 561 Fifth Ave.

BOSTON 1 Park Street 799 Boylston Street

Deliveries to steamers and all Eastern Points.

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Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr.
Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

Rochester, N. Y.

J. B. KELLER SONS,
FLORISTS

25 Clinton Avenue, N.

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1181 E. 71st St.

The Largest Growers of Flowers in City

Houston, Texas.

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(Successor to Geo. A. Heint)

336 Superior St., Toledo, O.
Both Phones, 527.

Special attention to Mail and Telegraph Orders.
Member of Florists' Telegraph Delivery.

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173 North Fourth Street

All Orders Promptly Executed

DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

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CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

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**KANSAS CITY,
MISSOURI.**

**Rock's
FLOWERS**

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

CHICAGO

Engel
The
Palmer House
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17 E. MONROE ST.

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C. H. FREY Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice.
Trade discounts. First-class stock.

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Send Telegraph, Telephone or Mail Orders for florist service in this vicinity to

THE DOMINION FLORAL CO.

484 St. Catharines St., West

Montreal, Que., Canada

Every order receives prompt and careful attention

C. Trauenerfeldt
FLORIST

3348 W. MADISON ST.
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THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

E. W. PEARSON

47 State St., NEWBURYPORT, MASS.,

Covers all New England points.

Trade Directory

Price: \$3.00, Postpaid.

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Telephone 1813 Main

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Cut Flower Market, Inc.

Floral Designs a Specialty

356 FULTON STREET

BRANCH: 408 Fulton St.
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Artistic Floral Work and Long Stem
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**Wolfskill Bros. and
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Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

Kansas City, Mo.

Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully
cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS
Members of Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

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F. H. WEBER

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Flowers delivered in city and state on short notice

Member of Florists' Telegraph Delivery.

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150 State St., SPRINGFIELD, MASS

Rockford, Ill.

H. W. BUCKBEE.

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DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Pueblo, Colo.

D. M. McMurray
FLORIST

105 East Abriendo Ave.

Mention the American Florist when writing

Send Telegraph, Telephone or Mail orders for florist service in this vicinity to

Howard & Smith

853 So. Olive St., Los Angeles, Calif.

Every Order sure to receive prompt and careful attention.

Mention the American Florist when writing

WORCESTER, MASS.

Randall's Flower Shop,

13 Pleasant Street.

Member of Florists' Telegraph Delivery.

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of Florists' Telegraph Delivery.

VAN METER FLOWER SHOP
SPRING and HIGH, Springfield, O.

BEST FLOWERS for EVERY OCCASION.

Williamsport, Pa.
EVEN DEN BROS. CO.

Largest Growers in Central Pa.
Members of Florists' Telegraph Delivery.

Boston, Mass.

HENRY R. COMLEY, Florist, 6 Park St.
50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

Mention the American Florist when writing

John C. Hatcher

Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Hoffmans, N. Y.

Mention the American Florist when writing

FREY & FREY,
1338 O Street, LINCOLN, NEB.
WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

El Paso, Texas.

Potter Floral Co.

Member of Florists' Telegraph Delivery.

Trade Directory

Containing the Names and Addresses of Florists of the United States and Canada.

PRICE, \$3.00 POSTPAID.

American Florist Co., 440 S. Dearborn St., Chicago

Boston, Mass.

Penn The Florist

"Penn, The Telegraph Florist"

Member of Florists' Telegraph Delivery Ass'n.

124 TREMONT STREET

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

Mention the American Florist when writing

Philadelphia, Pa.

M. J. CALLAHAN
FLOWERS

3924 Market Street Both Phones

Chicago.

BRIGGS FLORAL CO.

228 W. Madison St.
801 Sheridan Road.

Special attention paid to telegraph orders in Chicago and vicinity. One of our stores is located in the heart of the city and the other in the select north side residential district.

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SEKI BROS. & CO.

Wholesale and Retail Florists

We grow All kinds of Decoration
our own flowers a Specialty
Phone A-2550 229 W. 4th Street

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WILMETTE, ILLINOIS

Careful attention to all mail or telegraph orders for delivery in Wilmette—Chicago's North Shore Suburb—Evanston, Kenilworth, Winnetka, Glencoe, Lake Forest.

LEWIS HENDERSON, Florist

1814 Douglas St., OMAHA, NEB.

Member of Florists' Telegraph Delivery.

Lang Floral & Nursery Co., Dallas Texas

1303 Main Street

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

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Archias Floral Co.

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

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MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

Cleveland, O.

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

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HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of Florists' Telegraph Delivery.

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

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DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

Chicago.

D. F. SIMONDS
J. R. BUTZOW

OGDEN FLORAL CO.

1917 Harrison St.

We are Located Near Seven of Chicago's Leading West Side Hospitals and Can Fill all Orders properly on short notice. L. D. Phone, West 722

Mention the American Florist when writing

PROVIDENCE, R.I.

T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President; F. W. Bolgiano, Washington, D. C., First Vice-President; L. L. Olds, Madison, Wis., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fifth annual convention, June, 1917.

N. B. KEENEY, of N. B. Keeney & Son, Leroy, N. Y., is making his usual trip through the northwest.

A. L. ROGERS, of Rogers Bros., Alpena, Mich., is making a trip to the western pea districts.

CHICAGO.—Prices for grass seed on the Board of Trade, July 26, were as follows: Timothy, \$5 to \$6.50 per 100 pounds.

WASHINGTON, IA.—The F. B. Mills Seed Co. has filed a petition in bankruptcy with liabilities of \$72,611 and assets, \$16,497.

NEW YORK CITY shippers are stirred up over the attempt of New Jersey interests to secure a differential rate of three cents per 100 pounds in favor of Jersey points.

VISITED CHICAGO: C. C. Massie and L. M. King, of Northrup, King & Co., Minneapolis, Minn.; A. M. Van der Schoot, representing R. Van der Schoot & Son, Hillegom, Holland.

SEEDSMEN of Australia and New Zealand complain that much of their American correspondence is mailed under a two-cent stamp when a five-cent stamp is the minimum for letters to these countries.

WITLOOF is the subject of Bulletin No. 418, issued by the Geneva, N. Y., experiment station, containing much information on this salad plant and its culture, which should be of interest to seedsmen and market gardeners.

BULLETIN 254, issued by the Wisconsin agricultural experiment station, Madison, contains a synopsis of the state seed law, discusses methods of weed control, and gives the results of analyses of 376 samples of seeds and illustrations of 25 kinds of weed seeds.

THE agricultural appropriation bill as amended and passed by the senate, contains (page 25) an item of \$3,000 for cooperation with horticultural organizations in the standardization of botanical names. Of course, the house will have to concur in this amendment.

ROCHESTER, N. Y.—William T. Logan, who has been identified with the seed trade in this city for more than 30 years, and who bought the business of Crossman Bros. about 18 months ago, died at his home, July 19, aged 67 years. The business will be discontinued.

KANSAS CITY, Mo.—The Rudy-Patrick Seed Co. recently purchased a warehouse and elevator on the Kansas side, which is now being remodeled, and on completion will be used for cleaning and storing, thus relieving the congestion of their present plant at Ninth and Santa Fe streets, which they will continue to occupy.

French Bulb Shortage—Prices Higher.

Cable advices of July 24 indicate scarcity of Paper White narcissus, as well as Romans. It is believed that the medium grade of Paper Whites will bring 30 francs and the extra size 34 francs at the present time. If the growers who contracted in March at \$4 per 1,000, American money, get delivery from American dealers at that very low price they will certainly be fortunate and make some real money. It will be interesting to see what deliveries are made on such contracts. The lack of rain seems to have shortened the crop very materially.

Parcel Post to China.

A parcel post convention has been concluded between the United States and China, effective August 1, after which date parcel post packages up to 11 pounds in weight may be sent from any post office in the United States to any post office in China at the postage rate of 12 cents a pound or fraction of a pound. Heretofore, packages of merchandise, other than bona fide trade samples not exceeding 12 ounces in weight, could not be sent by mail from this country to China except to a very few places that could be reached through Japanese or other foreign post offices in China, but hereafter, packages up to 11 pounds in weight can be sent to any office in China direct to the Chinese postal service.

Onion Seed Crop Prospects in Canaries.

Onion seed constituted one-fourth of all exports to the United States from the Teneriffe district in 1915. The coming crop, which should begin to move next month, shows a decided increase in the amount of choice, expensive wax (or white) seed. The ordinary canary-yellow onion seed, however, has suffered because of the winter drought and shows a loss estimated at 40 to 50 per cent. The red seed, which is in less demand, also suffered from drought, but to a smaller degree than the yellow, according to United States Consul George K. Stiles, Teneriffe, writing June 10.

Yellow seed will consequently be scarce, and there may be difficulty in filling contracts for this grade, while the stock of "wax" seed will be in excess of orders.

The average contract prices are reported as follows, per pound: Fancy white "wax," \$1.50 to \$2; yellow, 85 cents (American gold); and red, 80 cents.

The stocks of onion seed last year were fairly cleaned out, so that this season there appears to be less probability of old seed being mixed with the new. Both adulteration and inferior quality of onion seed are difficult to detect until after sowing. The long-established firms here, however, can be counted on to allow just claims when made by American buyers, especially as regards damage in transit.

As practically all onion-seed contracts to the United States are made

on an f. o. b. basis in a Canary port, the higher freights of this year must be met by the American buyers. Last season a number of complaints of bad seed were caused through long delays in transshipment via England. Owing to this fact the Liverpool route has been largely abandoned this year, according to statements made by prominent shippers.

The larger percentage of the crop will be routed via Porto Rico to New Orleans or via Habana to New York. Freight rates are estimated here as from 40 to 50 per cent higher than last season, when they were already much higher than before the war. As the bulk of the crop goes to southern destinations, the Porto Rico-New Orleans route should prove decidedly cheaper for most shipments.

The crop is slightly earlier than last year and first shipments are expected to be made by July 15, and should extend to the end of August.

Argentine and Cuban buying of this year's crop has fallen off as compared with last season. Generally speaking, prices may be taken as somewhat lower and showing a tendency to weakness this season. In 1915 there were more orders than could be filled, and prices stiffened considerably. It seems probable that the values of American purchases will show more or less of a decline.

A statement of interest to American onion-seed growers is contained in a report made by two of the larger dealers growing their own seed, to the effect that too intense a selection of onion seed for the points of size and color shows poor results in the quantity of seed obtained at the next harvest.

The so-called "select" stock, when used for rebreeding, is said to produce less seed than the more ordinary specimens. In other words, the plants producing onions less distinctive as to color and size are claimed to be "hardier" and to produce more and better seed of their respective classes. This will perhaps interest American specialists who are growing onion seed for the trade.

Incubator Used in Seed Testing.

A new and more satisfactory way of testing seeds for germination has been discovered by W. L. Oswald of the state seed laboratory at the Minnesota State University farm. Mr. Oswald has found that an incubator, such as is ordinarily used to hatch chickens, can be made an almost ideal seed tester.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Company



SWEET PEAS FOR FALL SOWING

New Early Flowering Long Season Spencers.

The originator says: "One thing we are absolutely sure of is that these we are offering have come absolutely true for three consecutive years."

Early Morning Star.

The color is a deep orange scarlet or flame color in standard with rich orange pink wings. The flower is practically the same color as the late flowering Spencer "Dobbie's Thomas Stevenson." It does not burn badly out in the open and under glass will be magnificent. The flowers are large and of best Spencer form and borne in threes and fours in wonderful profusion. Under artificial light it is superb.

25 Seeds, 25c; Trade Pkt. (1/4 oz.), \$1.25; oz., \$4.50 net.

Early Song Bird.

We are sure this will be the leading pale pink for Florists. The flower is the same color as "Florence Morse Spencer," and a bit lighter than "Elfrida Pearson." It has the same excellent form and features of Mrs. Hugh Dickson but is on white ground. The placement of the flowers is splendid for packing and the flowers are borne on long stems in threes and fours. When in full growth it seems as though every stem carried four large blossoms.

25 Seeds, 25c; Trade Pkt. (1/4 oz.), \$1.00; oz., \$3.50 net.

Early Melody.

This is a deeper shade of pink than "Early Song Bird," on white ground, closely resembling "Countess Spencer" and near "Hercules." It might be described as rose pink on white ground. The effect when bunched is most pleasing.

It is very floriferous. The flowers are borne on long stems and mostly four large well-waved blossoms to each stem.

25 Seeds, 25c; Trade Pkt. (1/4 oz.), \$1.00; oz., \$3.50 net.

Early Spring Maid.

The color is light pink on a cream ground and the blossoms have the same splendid characteristics of "Mrs. Hugh Dickson" for a florist's flower.

It is a most effective flower and carries a great wealth of blossoms borne in fours on long stems. There is no Early Spencer cream pink which is as attractive as "Early Spring Maid."

25 Seeds, 25c; Trade Pkt. (1/4 oz.), \$1.00; oz., \$3.50 net.

Early Snow Flake.

This is the best Early Flowering White Seeded Spencer. The blossoms are very large and of the best waved Spencer form. The flowers are borne in wonderful profusion on long stems.

25 Seeds, 25c; Trade Pkt. (1/4 oz.), \$1.25; oz., \$4.50 net.

Early Heather Bell.

This will be one of the most popular shades with all Florists, as it will be so useful for making up for any occasion. The flowers are very large, borne in fours and threes on long stout stems, and are of beautiful bold Spencer form. The color is a rich but pleasing mauve, but after standing in water the color becomes a beautiful mauve lavender.

25 Seeds, 25c; Trade Pkt. (1/4 oz.), \$1.25; oz., \$4.50 net.

WINTER FLOWERING---Uawin Type.

Trade Packets contain one-quarter ounce.

	Trade Pkt.	Oz.	Lb.
Blue Jay. Bright blue self color.....	\$0.15	\$0.50	\$6.00
Lavender Nora. Most pleasing lavender, long stems, a splendid commercial variety.....	.20	.75	

WINTER FLOWERING---Spencer Type.

	Trade Pkt.	Oz.	Lb.
Anita Wehrman, Clear lavender.....	\$0.25	\$0.75	\$9.00
Mrs. A. A. Skach, Flowers exceedingly large, much futed, usually 4 to a stem, bright shell pink...	.20	.65	8.00
Mrs. J. Manda, Light shell pink, extra long stems..	.20	.65	8.00
Mrs. Woodrow Wilson, Appleblossom pink.....	.30	1.00	
Pink and White, Blanche Ferry type, one of the best commercial varieties .....	.20	.65	8.00
President Woodrow Wilson, Magenta rose.....	.30	1.00	
Rose Queen, Beautiful rose pink.....	.50	2.00	
Selma Swenson, Clear light soft pink.....	.30	1.00	12.00
Venus, Perfect shape, standard white, slightly blushed pink wings .....	.25	.75	9.00
White Orchid, White flowers of good substance.....	.20	.65	8.00
Yarrowa, The color on opening is rose, changing as the flower develops to a light pink standard, tinted buff, with blush wings. The flowers are exquisitely waved, many being double flowered and produced on long stems.....	.20	.65	8.00
Winter Flowering Spencers Mixed.....	.20	.65	8.00

WINTER FLOWERING---Grandiflora Types.

	Oz.	1/4 lb.	Lb.
Canary Bird, Early yellow.....	\$0.10	\$0.25	\$0.80
Christmas Countess { Sky blue .....	.10	.35	1.20
Mrs. C. H. Totty {			
Christmas Pink { Pink and White .....	.10	.30	1.00
Earliest of All {			
Christmas Meteor, Brilliant red.....	.10	.30	1.00
Christmas Prima Donna { Daybreak pink .....	.10	.30	1.00
Mrs. F. J. Delansky {			
Christmas White. { Pure white.....	.10	.30	1.00
Mont Blanc.....	.10	.35	1.25
Florence Denzer. {			
Mrs. Alexander Wallace, Lavender.....	.10	.35	1.25
Mrs. E. Wild, Bright rose.....	.10	.35	1.25
Mrs. W. W. Smalley { Salmon pink .....	.10	.35	1.25
Mrs. William Sim... {			
Snowbird.....	.10	.35	1.25
Burpee's Earliest White {			
Mrs. George Lewis, Black-seeded white.....	.10	.35	1.25
Le Marquis, Navy blue.....	.10	.30	1.00
Winter-Flowering Grandiflora Type, Mixed.....	.10	.30	1.00

Ask for Complete Mid Summer List of Flower Seeds.

VAUGHAN'S SEED STORE

CHICAGO, 31-33 W. Randolph St.

NEW YORK, 43 Barclay St.

GYGLAMEN!!

**Better than you have ever handled.
Better than you ever dreamed of.**

**The St. Georges Nursery Company,
Harlington, Middlesex, England.**

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, - NEBRASKA

Mention the American Florist when writing

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

Mention the American Florist when writing

My New PRICE LIST of

Winter Orchid-Flowering Sweet Pea Seed

Has been mailed. If you have not received a
copy, send Postal for it.

Part of new crop will be ready early in July.

Ant. C. Zvolanek, Lompoc, Calif.

Mention the American Florist when writing

Grass Mixtures

— FOR —

Golf-Tennis-Polo

MEET ALL REQUIREMENTS FOR ALL SOILS

The Albert Dickinson Co.,

CHICAGO, ILL.

BARNARD'S
Seed Store
231-235 W. Madison St.
CHICAGO.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF

Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport, - England.

Mention the American Florist when writing

SIMON LOUIS FRERES & CO., Bruyeres-le-Chatel (Seine et Oise), France.

ESTABLISHED 1666.

Wholesale Growers and Exporters of Choice Stocks of

Vegetable, Flower and Forage Seeds

Specialties—Giant Half-Sugar Mangel-Wurzel, Beet, Carrot, Celery, Dandelion,
Endive, Leek, Lettuce, Radish, Swiss-Chard, Swede and Turnip,
IMPORTERS OF—Red-top, Meadow Fescue, Blue
Grass, Sunflower, Timothy and Garden Peas. **ENGLISH
CORRESPONDENCE.**

Our traveling salesman, MR. LAWRENCE S. PAYN, who has been calling on the American
trade for many years past, is now in the United States and all mail should be addressed
to him care F. B. Vandegrift & Co., 15 Whitehall Street, New York.

Mention the American Florist when writing

BEANS, PEAS, RADISH

AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write for prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St., Telephone Main 2762. CHICAGO

Mention the American Florist when writing

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Asters,
Cosmos, Nigunette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing

PANSY SEED

My Giant Pansy seed new crop now ready,
contains the finest mixtures in superb colors all
grown from selected stock. Try a pkt. of this
seed you will not be disappointed. 1 pkt., 5000
seeds. \$1.00; ½ pkt., 50c; \$4.00 per oz.; 3 ozs.,
\$10.00. Cash with order.

E. B. Jennings, SOUTHPORT, CONN.
Lock Box 254.
Grower only of the finest Pansies.

Mention the American Florist when writing

THE KENILWORTH Giant Pansy



Seeds are all grown by myself and are offered in the following mixtures and separate colors:

22. **GIANT KENILWORTH STRAIN.** The flowers are of perfect form and substance; many of the immense flowers are from $3\frac{1}{2}$ to 4 inches. It is a striking collection of beautiful colors and markings, rich with shades of red, brown, bronze, mahogany and many others too numerous to mention. Light, Medium or Dark Mixtures.
24. **GIANT KENILWORTH SHOW.** An extra fine strain of large flowers; the immense flowers are of circular form and great substance. A beautiful collection of colors and markings.
26. **GIANT KENILWORTH CUT FLOWER MIXTURE.** Is a distinct class by itself, surpassing all other strains as a cut flower or for exhibition purposes, for inside or outside growing; the large flowers are carried erect above the foliage on heavy stems, 7 to 8 inches long, in the most graceful manner, and stand the hot, dry weather well.
28. **GIANT MASTERPIECE.** A remarkable type; the curled, wavy petals giving the flower a double appearance; large flowers of great substance, on long, strong stem.
30. **GIANT THREE AND FIVE BLOTCHED PANSIES.** A superb mixture. Flowers large and of circular form and of great substance. The display of coloring is unsurpassed. A combination of almost every shade of rich, velvety colors; reds are particularly conspicuous; the petals being distinctly marked with three or five large, dark blotches.
32. **GIANT PARISIAN.** The flowers are of enormous size and beautifully marked, mostly fine dark blotches on white and yellow ground; an unusually showy mixture.
34. **GIANT BRONZE.** A fine mixture of all shades of velvety brown, bronze, Havana brown, mahogany and copper shades.
45. **GIANT APOLLO (Masterpiece type).** New bronze, veined and blotched. Strongly frilled petals. A superb Pansy.
49. **GIANT MERCURY.** New. A deep blackish purple, really self-colored, without blotches or spots. The flowers are extraordinary in size and substance, being the largest flowers of all self-colored Pansies.
82. **ORCHID FLOWERED, Mixed.** A dwarf, free bloomer, with a range of delicate colors that do not exist in any other Pansies; a remarkable combination of light rose, shell pink, blush mauve, fawn, light brown, orange and chamamois.

New Early-flowering or Winter-blooming Giant Pansies

An entirely new and distinct strain of Pansies. The main advantage of these new Pansies over all hitherto existing Pansies is the extreme earliness of flowering and its unusual hardiness, which enables them to withstand quite severe Winters, and to bloom right on into the summer. Sown at the same time as other Pansies, they begin flowering the early part of March or as soon as the snow is off the ground, many times having four or five large flowers to a plant, when all other Pansies are only showing buds. The flowers are large, well formed and fragrant. They are highly recommended for Autumn planting on graves and for very early bedding, as well as for early cut flowers.

14. **WINTER SUN.** Golden yellow, with dark eye.
15. **ICE KING.** Silvery white, with dark blue eye.
16. **CELESTIAL QUEEN.** Light or sky blue.
17. **CHARM OF MARCH.** Dark velvety blue.
18. **MIXED.** The above four colors with other shades and variations. Each color separate or mixed. 500 seeds 50c., 1,000 seeds \$1.00, $\frac{1}{2}$ oz., \$2.00, $\frac{3}{4}$ oz. \$3.75, 1 oz. \$5.00.
20. **PRINCESS.** The New Upright Pansy.

This strain is entirely distinct from all others. It is absolutely compact, upright growing, and extremely weatherproof, enduring many storms without damage to its flower. The flowers are mostly blotched and frilled like the Masterpiece, of good form and heavy, velvety texture, on heavy stems carried well above the foliage. Attractive by the brilliancy of its colors.

500 Seeds 20c., 1,000 Seeds 35c., $\frac{1}{2}$ oz. \$1.00, $\frac{3}{4}$ oz. \$2.00, 1 oz. \$7.50.

FREE OFFER RAINBOW is a mixture of the most beautiful, gorgeous colors, blotched, striped, veined, margined, etc. With every \$1.00 worth of Pansy seed I will send, free, 1000 seeds of Rainbow and with other amounts in like proportion.

Prices of Kenilworth Pansy Seed

All sorts and mixtures except the new Pansy Princess and the Early Flowering or Winter Blooming are \$5.00 per oz.; \$1.25 per $\frac{1}{4}$ oz.; 5000 seeds \$1.00; trade pkt. of 1000 seeds 25c; any 5 pkts. \$1.00. Please order by number.

GIANT PANSY SEED In Separate Colors

38. Mme. Perret. Red and wine shades.
42. Adonis. Light blue, white center.
44. Black. Almost coal black.
48. Lord Beaconsfield. Purple, shaded white.
64. Goliath. Large, curled yellow, blotched.
68. Emp. William. Ultramarine blue, violet.
72. Emp. Franz Joseph. White, blotched blue.
98. Indigo Blue. Deep, velvety blue.
100. Light Blue Shades.
106. Pres. McKinley. Yellow, dark blotched.
114. Purple. Large, rich, deep color.
118. Psyche. Curled white; five blotches.
126. Red. A collection of rich red shades.
137. Vulcan. Dark red, with five blotches.
138. White. Large satiny white.
140. White with Violet Blotch.
142. Yellow. Large, gold, yellow.
144. Yellow with Dark Blotch.
145. The preceding 18 colors separate or mixed. Mixed in equal proportions, 1000 seeds 25c; any 5 pkts., \$1.00.

Chas. Frost
Kenilworth,
N. J.

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc.
Moorestown, New Jersey

Mention the American Florist when writing

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of
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Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of
FLOWER and GARDEN SEEDS

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J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

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LILY BULBS

FALL SHIPMENT FROM JAPAN

Prices quoted F. O. B. New York, Chicago, Denver, San Francisco, and London (Ont.)

Write for quotations stating quantity, variety and size required.

McHUTCHISON & CO.

The Import House

95 Chambers St., NEW YORK

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Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-President;
S. W. Severance, Louisville, Ky., Secretary;
E. A. Dunbar, Ashtabula, O., Treasurer.

Next annual convention will be held in Chicago, September, 1916.

NEW CABBAGE grown in Chicago is now moving in carloads.

CLARINDA, IA.—The Clarinda Greenhouses are erecting a vegetable house, which will give them 5,000 feet of glass additional to their present area.

CALIFORNIA has shipped 3,602 carloads of cantaloupes this season up to July 1. The southern states and California have shipped more than 13,349 carloads of potatoes; Florida 2,101 carloads of watermelons and 4,642 carloads of tomatoes. Missouri was the banner strawberry state, shipping 1,114 carloads.

Prices of Indoor Fruits and Vegetables.

Chicago, July 25.—Mushrooms, home grown, No. 1, 85 cents per pound; lettuce, tomato boxes 15 to 20 cents; radishes, \$1.00 to \$1.25 per 100 bunches; celery, 50 to 60 cents per box; tomatoes, four baskets, 50 cents; cucumbers, per box of 2 doz., 50 cents.

New York, July 25.—Celery, per crate, \$3.00 to \$6.00; cucumbers, 75 cents per dozen; mushrooms, \$3.50 to \$4.00 per 4-pound basket; tomatoes, per carrier, 40 cents to \$2.00; radishes, per 100 bunches, 50 cents to \$1.00; lettuce, per basket, 50 cents to \$1.00.

Greenhouse Tomatoes.

Growers in this section have just pulled through a very satisfactory season with their spring crop of tomatoes. Prices have been very good, owing to the slow progress of the outdoor crop. Where formerly this was entirely a "Beauty" market, Beauty is now seldom seen, Bonny Best having displaced it. We have in these notes referred to our own selection of Bonny Best, which is a larger strain. This season we have made another gain in size; where the original strain would average four tomatoes per pound, this year the average was slightly below three fruit per pound. We have had numerous single specimens as perfect as can be at ½ pound each. There is a steady demand in our market for large tomatoes, hence we have followed up this line closely. We have sold bushels of Bonnies that even experts would mistake for Stone; and with this size we seem to have lost nothing in carelessness or productiveness. Bonny Best with us fills a long felt want—it is so much better than the English varieties and sets fruit more readily than the American sorts. However, to do its best it needs generous feeding; whenever stunted, crowded, or underfed it is sure to come small. Our own success proves that it is of the utmost importance to have good seed, which we have produced ourselves for a number of years, rather than take chances with some other stocks. Greenhouse tomatoes are popular with the buyer and seller alike; the seller has no loss, as they

are all sound and perfect, and the buyer enjoys the fine quality because he paid a good price for them.

MARKETMAN.

Vegetable Plants

Celery, White Plume, Giant Pascal, and Golden Heart, \$1.00 per 1000; 10,000 and over, 85c per 1000.

Parsley, Dwarf Fern leaf, 25c per 100; \$1.25 per 1000.

Cabbage, \$1.00 per 1000; 10,000 and over, 85c per 1000.

Cash with the order.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

Carnation Plants

Heavy Field Grown Stock

Enchantress	St. Nicholas
Philadelphia	Champion
White Wonder	Ward
White Enchantress	Delhi
\$50.00 per 1000;	\$6.00 per 100.

250 at 1000 rate. Cash with order please.

JOY FLORAL CO.
NASHVILLE, TENN.

Mention the American Florist when writing

FERNS IN FLATS

In Best Varieties
for Fern Dishes.

\$1.50 per 100

100,000 READY NOW

Write for Wholesale Catalogue of
FERNS, KENTIAS, ETC., to

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"THE FERNERIES"

Lawrence and Winnipeg Avenues.
SAN FRANCISCO, CALIF.

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Golden Wedding

New Pompon Chrysanthemum

Latest pompon on the market.
Color golden yellow. Full double flower. Strong grower.

Rooted cuttings, \$8.00 per 100,
\$60.00 per 1000, 250 at 1000 rate.

A. W. MEYER,
SOUTH HOLLAND, ILL.

Freesias California Grown



Vaughan's Improved
PURITY.



	Per 100	Per 1000
¾-in. and up..	\$2.00	\$18.00
½-in. to ¾-in..	1.75	15.00
⅜-in. to ½-in..	1.50	12.00

PURITY--True.

¾-in. and up..	1.75	15.00
½-in. to ¾-in..	1.25	10.00
⅜-in. to ½-in..	1.00	7.00

FRENCH FREESIAS

Ready for Delivery About August 1st.

	Per 100	Per 1000
Jumbo, ¾-in. and up.....	\$1.25	\$10.00
Mammoth, ¾-¾-in.....	1.00	8.00

Bulbs From Cold Storage

VALLEY PIPS

	Per 100
Holland Grown.....	\$17.00
Danish ".....	20.00
German ".....	25.00

LILIUM ALBUM

	Per 100
8-9 inch.....	\$10.00
9-11 inch.....	15.00

Vaughan's Seed Store

CHICAGO

NEW YORK

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TO THE TRADE

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Aspers, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabiosa, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT FANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

HOLLAND BULBS

Christmas Flowering Hyacinths

R. van der Schoot & Son

HILLEGOM,

ESTABLISHED
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HOLLAND

Owners and Cultivators of about 600 acres of Bulbs, such as Hyacinths, Tulips, Narcissus, Crocus, Iris, Gladiolus, Lilies, and a very large assortment of Peonies, Amaryllis, and herbaceous plants.

Special low prices on application

Bulb Catalog Ready Now

Suppliers to the American Trade Since 1840

Mr. A. M. van der Schoot, a representative of the above well-known firm, is now in **NEW YORK**, and may be addressed at the **Hotel Seville, 22 East 29th St., New York City.**

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Large Growers and Shippers of
BEANS, PEAS
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Correspondence Invited
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TOMATO SEED

Grown For The Wholesale Seed Trade.

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Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

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Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; **TOMATO, LIMA and POLE**
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

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Messrs. Gt. van Waveren & Kruijff

WHOLESALE BULB GROWERS AND EXPORTERS

SASSENHEIM, - - HOLLAND

Beg to introduce their latest novelties of Spiraea to the trade

Gladstone,	in boxes of 25.....	\$ 6.50	Mont Blanc,	in boxes of 25.....	\$ 8.00
Queen Alexandra,	in boxes of 25.....	6.50	Philadelphia,	in boxes of 25.....	8.00
Etna,	in boxes of 25.....	8.00	Rhenania,	in boxes of 25.....	10.00

Delivery f.o.b. Philadelphia cold storage.

These Spiraea may be had in bloom by simple treatment any time you wish during the fall.
Price List of Bulbs, Spiraea, Dahlia, Belgium Azalea, Etc., on application.

JACK VON GINHOVEN, Representative, 14 Stone Street. NEW YORK CITY

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed and
Field Corn, in variety, on contract.

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The Everett B. Clark Seed Co.
GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan,
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MANN'S

Lily of the Valley

are the finest in existence and their flowers
bring the best prices on the London mar-
ket. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.
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VALLEY

FROM STORAGE

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3032 Madison Street, **CHICAGO**
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James Vick's Sons

Seedsman, Nurserymen, Florists

SEEDS All the leading
PLANTS kinds for summer
BULBS and fall planting.

Ask for Catalogues. **ROCHESTER, N. Y.**

Get Quotations From

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SEEDS WHICH SUCCEED

Bloomdale
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THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

The Nursery Trade

American Association of Nurserymen.

John Watson, Newark, N. Y., President;
Lloyd C. Stark, Louisiana, Mo., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-second annual convention will be held at Philadelphia, Pa., June, 1917.

THE Texas peach crop is light this year.

HARTFORD, CONN.—W. W. Hunt & Co. are reported to have purchased the business of Geo. B. Turner.

CUMBERLAND, R. I.—Local authorities have appropriated \$450 for the purchase and protection of shade trees.

INDIANAPOLIS, IND.—William Hamant has purchased ground near Riverside park and will engage in the nursery business.

SANTA BARBARA, CALIF.—The sixth annual convention of the California Association of Nurserymen will be held here, October 19-21.

THE annual convention of the National Commercial Apple Growers' Association will be held at St. Louis, Mo., August 2-3. The secretary is H. C. Irish, 1227 Childress avenue, St. Louis, Mo.

BURLAP. Forty-inch 7½-ounce spot burlap is scarce. Holders quoted 6.65 cents on carload lots. Good inquiry for spot lightweights—very little trading in spot goods. Spot heavies held at figures that ranged from 7.90 cents to eight cents a yard.

WILMINGTON, DEL.—The W. B. Davis Greenhouse Co. has been incorporated with a capital stock of \$200,000 and will make a specialty of fruit and foliage trees. The incorporators are Herbert E. Latter, N. P. Coffin and C. L. Rimlinger.

THE cherry crop of Door county, Wis., a district famous in the production of that fruit for many years, is very far short of the usual output, some 30 cars instead of 125. The wet and cloudy weather of the growing period last year is said to be the cause of the light crop.

NEWARK, N. Y.—G. C. Perkins, of Jackson & Perkins Co., and Mrs. Perkins returned last week from a two months' trip on the Pacific coast. The return journey was made over the Canadian Pacific railroad with stops at Vancouver, Lake Louise, Banff, Winnipeg and other points of interest.

Nursery Stock Regulation.

New rules and regulations governing the importation of nursery stock in the United States have been issued by the federal horticultural board and took effect on and after July 1. In the revised regulations the most important change is the provision which makes permits for the importation of nursery stock from countries which maintain nursery-stock inspection, and for the importation of orchids and tree seeds from those which do not maintain such inspection, valid until revoked. Hitherto all permits had to be renewed each year. The other changes in the regulations are chiefly minor and matters of form.

Trees Planted by Machine.

A machine which plants from 10,000 to 15,000 forest tree seedlings a day is now being used at the Letchworth Park Forest and Arboretum, in Wyoming County, N. Y., according to officials of the forest service of the United States department of agriculture, who are acting as advisers in the work. Previously the planting has been done by hand at the rate of 1,200 to 1,500 trees each day per man. The machine was designed to set out cabbage and tomato plants, but works equally well with trees. It is about the size of an ordinary mowing machine and is operated by three men and two horses. One man drives the team while the other two handle the seedlings. The machine makes a furrow in which the trees are set at any desired distance, and an automatic device indicates where they should be dropped. Two metal tired wheels push and roll the dirt firmly down around the roots. This is a very desirable feature, it is said, because the trees are apt to die if this is not well done. Two attachments make it possible to place water and fertilizer at the roots of each seedling. Another attachment marks the line on which the next row of trees is to be planted.

No cost figures are available yet, but officials say that the cost will be much less than when the planting is done by hand. It is stated that the machine can be used on any land which has been cleared and is not too rough to plow and harrow.

Codling Moth Hatching Days.

We are advised by the Illinois state entomologist's office, and from other sources, that eggs from second brood codling moth, will in all probability, begin to hatch on the following dates at the places listed below:

Ozark, Ill. July 1
Olney, Ill. July 9
Plainview, Ill. July 15
Urbana-Champaign, Ill. July 21
Northern Illinois August 1

Apple orchards consisting of fall and winter varieties, and situated in the latitude of the above places, should be sprayed on the dates mentioned above.

For this spray use four pounds of paste, or two pounds of powdered arsenate of lead, and four pounds of lime to each 100 gallons of water. Where bitter rot infection is anticipated, Bordeaux arsenate of lead should be substituted.—Illinois State Horticultural Society.

HARTFORD, CONN.—The salesroom of W. W. Hunt & Co., at 24 State street, has been closed for the season. This firm will make an elaborate display at the state fair and reopen the store early in September.



**JAPANESE
TEA GARDEN**
—AND—
ROCKERY
For your summer house,
made in a short time,
T. R. OTSUKA,
300 S. Michigan Ave., Chicago.

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Storrs & Harrison Co.
PAINESVILLE NURSERIES

Catalogues and Price Lists
Free on Application.

PAINESVILLE, - OHIO

Orchids

If you want **Orchids** for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but **Orchids**. Special lists on application.

LAGER & HURRELL, Summit, N. J

Hill's Evergreens

BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.
Evergreen Specialists Largest Growers in America
Box 404. DUNDEE, ILL.

PEONIES and IRIS

Catalog now ready.

PETERSON NURSERY

Stock Exchange Building, CHICAGO, ILL.

Our Guarantee

We will replace with three all plants
not proving true to description.

Ornamental Nursery Stock

is handled with profit and satisfaction by hundreds of our florist customers. We grow the following lines in large quantities and are always glad of the opportunity to make quotations.

**Field-Grown Roses, Flowering Shrubs, Perennial
Plants, Climbing Vines, Ornamental Trees.**

OUR CURRENT PRICE LIST will be gladly forwarded on request.

NOTE—Use printed stationery. We sell to the trade only, and do not knowingly compete with our customers by allowing our trade prices to get into the hands of private planters.

JACKSON & PERKINS CO., NEWARK, NEW YORK

Mention the American Florist when writing

CALIFORNIA PRIVET

Over Two Million Plants of SUPERIOR Quality.

All sizes from one foot to four feet. Very low prices in car-load lots.

Also Polish Privet, Amoor Privet and Berberis Thunbergii in quantity.

J. T. LOVETT, LITTLE SILVER,
NEW JERSEY

BELLE WASHBURN

BEST RED CARNATION

Field plants, all strictly first size ready for benching, \$12 per 100; \$100 per 1000

500 at the 1000 rate. The season has been exceptionally good for field plants in our vicinity and the plants are just right for benching.

Bassett & Washburn

GREENHOUSES:
HINSDALE AND GREGGS STATION, ILLINOIS.

178 NORTH WABASH AVENUE, CHICAGO, ILL.

TREE, SHRUB AND PALM . . SEED

For the Nursery and Florist Trade.
My seed is fresh and reliable. For Prices address

GEORGE H. HOPKINS,
EAGLE ROCK STATION, LOS ANGELES CALIF.

2½ and 4-inch pot ROSES

In Good Assortment.

THE LEEDLE FLORAL COMPANY,
SPRINGFIELD-OHIO.

ROSES, CANNAS
Shrubbery
THE CONARD & JONES CO.,
West Grove, Penna.

CARNATIONS

F. DORNER & SONS CO.,
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For the Best New and Standard DAHLIAS

Address

Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

Ipomoea Noctiflora

(MOONVINES)

2½-in. pots.....\$5.00 per 100
3-in. pots..... 8.00 per 100

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Importer and Grower of Potted Plants

1012 W. Ontario St., Philadelphia, Pa.

25,000 Chrysanthemums READY NOW

In over 20 varieties; early, medium and late,
from 2 and 2½ inch pots, fine stock.

Late Cabbage plants, \$1.50 per 1000.

ALONZO J. BRYAN, Wholesale
Florist,
Washington, New Jersey.

CHRYSANTHEMUMS

Pink: Mrs. C. H. Totty, Chieftain
White: Smith's Advance, White Cloud
Yellow: Roman Gold, Chrysolaria, Yellow
Eaton.

2 inch plants, just right, \$20.00 per 1000.
Cash with order, please.

Joy Floral Co., Nashville, Tenn.

Field-Grown Carnation Plants

LARGE, FINE BUSHY PLANTS.

	100	1000
Pink Enchantress.....	\$5.00	\$45.00
Rosette.....	5.00	45.00

J. A. BUDLONG

184 N. Wabash Av., CHICAGO

GERANIUMS

Guaranteed to reach any point in the U.S. from Chicago East, in good growing condition, or they can be returned and your money refunded. I take all the risk. Summer prices.

S. A. Nutt and Buchner.....\$10.00 per 1000
Ricard and Poitevine 12.50 per 1000

ALBERT M. HERR, LANCASTER, PA.

Robert Craig Co...

High - **PALMS**
Class

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

BAY AND BOXWOOD TREES

VERY CHOICE STOCK

BAY TREES

STANDARD OR TREE SHAPED

Stems	Each	Pair	Stems	Each	Pair
30-in.. Crowns 24-in....	\$7.00	\$13.00	45-in.. Crowns 30-in....	\$10.00	\$18.00
36-in.. " 24-in....	7.00	13.00	48-in.. " 34-in....	12.00	22.00
45-in.. " 26-in....	7.50	14.00	48 in.. " 40-in....	15.00	28.00

PYRAMIDAL SHAPED

5 ft. high 24 in. diameter at base.....	\$8.00	\$15.00
---	--------	---------

BOXWOOD PLANTS

IN TUBS

	Each	Pair
PYRAMIDS — 2½-ft.....	\$2.00	\$3.75
3-ft.....	2.50	4.50
3½-ft.....	3.50	6.00
4-ft.....	4.50	8.00
BUSH — 24-inch.....	1.25	2.45
30 inch.....	2.75	5.00
36-inch.....	3.75	7.00
10-inch (out of tubs), doz., \$3.00; 12-in., doz., \$4.00		
STANDARDS — 18-20-inch stem, 12 inch ball tops.....	3.00	5.50
12-in. stem, 12-in. crown.....	1.25	2.25
14-15-in. stem, 12-in. crown.....	1.50	2.75
GLOBE — 15x15-inch.....	2.75	5.00
18x18-inch.....	3.50	6.50
BUSH—Out of tubs —	Doz.	Per 100
12-inch.....	\$4.00	\$30.00
18-inch.....	6.50	45.00

Out of tubs 25c each reduction.

10 per cent discount allowed on Pyramids in lots of 10 or more.
10 per cent discount allowed on Bush shape in lots of 50 or more.



STANDARD BAY TREE.



PYRAMIDAL BOX TREE

CHICAGO

VAUGHAN'S SEED STORE

NEW YORK

Field-Grown Carnation Plants

Extra fine stock ready for immediate delivery. Order today.

	100	1000		100	1000
PHILADELPHIA.....	\$4.50	\$40.00	WASHINGTON.....	4.50	40.00
ENCHANTRESS.....	4.50	40.00	ZOE SYMONDS.....	4.50	40.00
WHITE ENCHANTRESS.....	4.50	40.00	BEACON.....	5.00	45.00
ROSE PINK ENCHANTRESS, 4.50	40.00				

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Mention the American Florist when writing

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL
New York

Mention the American Florist when writing

PALMS.

Joseph Heacock Co.,

Wyncote, Pa.

Mention the American Florist when writing

Ready Reference Section.

10 CENTS PER LINE, NET.



AMPELOPSIS VEITCHI.

Ampelopsis Veitchi, 3 year, pot-grown, \$3 per dozen; \$20 per 100. Vaughan's Seed Store, Chicago and New York.

AQUATIC PLANTS.

WATER HYACINTHS, 60c per dozen. Southwestern Florists, 5019 Virginia Ave., St. Louis.

ASPARAGUS.

ASPARAGUS—TWO BARGAINS.

Asparagus Sprengeri, 2 1/4-in., ready for 3-in., \$2.50 per 100; \$20 per 1,000.

Asparagus plumosus seedlings, extra good, \$6 per 1,000.

VAUGHAN'S GREENHOUSES, Illinois. Western Springs.

ASPARAGUS SPRENGERI, 3-in., \$4 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

AZALEAS.

Azaleas. W. & T. Smith Co., Geneva, N. Y.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEDDING PLANTS.

Bedding Plants. For sizes, varieties and prices, see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS.

BEGONIAS.

Xmas Red, 3-in.	8.00 per 100
Erfordii, 2 1/4-in.	3.00 per 100
Erfordii, 3-in.	6.00 per 100
Chatelaine, 2 1/4-in.	3.50 per 100
Chatelaine, 3-in.	8.00 per 100
Prima Donna, 2 1/4 in.	3.00 per 100

Extra strong plants all in bloom.

Vernon, Erfordii, Prima Donna, Luminosa and Triumph, strong transplanted seedlings, \$1.50 per 100. Begonias, tuberous started, \$6.00 per 100; \$1.00 per doz., separate color or mixed. ERNEST ROBER, Wilmette, Ill.

BEGONIAS—Immediate Delivery.

Mrs. J. A. Peterson (new), 2 1/4-in pots.	\$25.00
Per 1,000	200.00

JULIUS ROEHRS CO., Rutherford, N. J.

Begonias, Gloire de Lorraine, 3-in., \$20 per 100; \$175 per 1,000. Glory of Cincinnati, \$25 per 100; \$225 per 1,000. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Begonias, Vernon, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Rex Begonias, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BOXWOOD.

BOXWOODS.

PYRAMIDS. Broad, heavy specimens, 2 ft., \$1.90 each; 2 1/2 ft., \$2.00 each; 3 ft., \$2.50 each; 4 ft., \$4.50 each. Price includes tubs. f. o. b. Dundee, Ill. Write for prices on larger sizes.

BUSH SHAPE, 10-12-in., balled, 30c each; 18-in., balled, 60c each; 30-in., balled, \$1.75 each.

THE D. HILL NURSERY CO., INC.

Box 403, Dundee, Ill.

BOXWOOD.

Bay and Boxwood Trees. Very choice stock. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

BULBS.

Bulbs. Freesia, California grown. Vaughan's Improved Purity, 1/2-in. and up, \$2 per 100; \$18 per 1,000; 1/2-in. to 3/4-in., \$1.75 per 100; \$15 per 1,000; 3/4-in. to 1 1/2-in., \$1.50 per 100; \$12 per 1,000. Purity, true, 1/2-in. and up, \$1.75 per 100; \$15 per 1,000. 1/2-in. to 3/4-in., \$1.25 per 100; \$10 per 1,000; 3/4-in. to 1 1/2-in., \$1 per 100; \$7.00 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs from cold storage. Valley pips. Holland grown, \$17 per 1,000; Danish grown, \$20 per 1,000; German grown, \$25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs. Rainbow freesias of good blooming size and in a mixture of colors, \$5 per 100; \$40 per 1,000. \$187.50 for 5,000. A. Henderson & Co., 211 N. State St., Chicago.

Holland Bulbs. Christmas flowering hyacinths. Special low prices on application. Bulb catalogue now ready. R. van der Schoot & Son, Hillegom, Holland.

Bulbs. L. Giganteum, 9-10, case of 200, \$20. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily bulbs. Fall shipment from Japan, McHutchison & Co., 95 Chambers St., New York.

CALADIUMS.

Caladiums, finest fancy leaved varieties, 25c, 35c, 50c, \$1.00 and \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

CARNATIONS.

CARNATION FIELD PLANTS.

The season has been exceptionally good for growing field plants with us and we offer the following very choice plants:

BELLE WASHBURN, the best commercial red carnation, winner of prizes wherever exhibited, per 100, \$12; per 1,000, \$100.

WHITE WONDER and WHITE ENCHANTRESS, strictly choice plants, per 100, \$6; per 1,000, \$55. We bill 250 or more at the thousand rate.

BASSETT & WASHBURN, Chicago. 178 N. Wabash Ave.,

FIELD GROWN CARNATION PLANTS.

Mrs. C. W. Ward	\$6.00 per 100; \$50.00 per 1,000
Enchantress	5.00 " " 45.00 " "
Rose Pink Enchant.	6.00 " " 50.00 " "
Beacon	6.00 " " 50.00 " "
Victory	6.00 " " 50.00 " "
White Wonder	6.50 " " 55.00 " "
White Enchantress	6.00 " " 50.00 " "

CHICAGO FLOWER GROWERS' ASSOCIATION, 182 North Wabash Avenue, Chicago.

Carnation plants; field-grown stock, Enchantress, Philadelphia, Ward, St. Nicholas, Champion, Delhi, White Wonder and White Enchantress, \$6 per 100; \$50 per 1,000. Cash please. Joy Floral Co., Nashville, Tenn.

CARNATIONS.

FIELD-GROWN CARNATION PLANTS.

Mrs. Ward	100	1,000
Beacon	\$6.00	\$50.00
Enchantress	6.00	50.00
Enchantress Supreme	6.50	55.00
White Wonder	6.50	55.00
White Perfection	6.50	55.00
Alice	6.50	55.00

Our stock of plants is fine and healthy.

GEO. PETERS & SONS.

Hempstead, L. I., N. Y.

Field grown carnation plants. Extra fine stock for immediate delivery. Philadelphia, Enchantress, White Enchantress, Rose Pink Enchantress, Washington, Zoe Symonds, \$4.50 per 100; \$40 per 1,000. Beacon, \$5 per 100; \$45 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Carnation Aviator. Field plants, good strong healthy stock, \$12 per 100; \$100 per 1,000. Delivery now. J. D. Thompson Carnation Co., Joliet, Ill.

Carnation plants, field grown. Pink Enchantress and Rosette, \$5 per 100; \$45 per 1,000. J. A. Budlong, 184 North Wabash Ave., Chicago.

Carnation plants, field grown. Far varieties see advertisement elsewhere in this issue. The Leo Nissen Co., 1201 Race St., Philadelphia, Pa.

Carnations for fall delivery. Best varieties. Prices low; send for list. Wood Brothers, Fishkill, New York.

Carnations, new crop. S. Murata & Co., 751 S. Broadway, Los Angeles, Calif.

Carnations. F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

POMPONS—CUTTINGS AND CUT BACK PLANTS.

Large quantity of pompons in the following varieties, which are of the same high quality as the chrysanthemum stock:

	Rooted Cuttings	Cut Back Plants
	100 1000	100 1000
Lulu, white	\$2.00 \$18.00	
Baby, yellow	2.00 18.00	\$2.50 \$20.00
Overbrook, yellow	2.00 18.00	2.50 20.00
Mrs. Astor, yellow	2.00 18.00	2.50 20.00
Sabey, yellow	2.00 18.00	2.50 20.00
Cubit, tan	2.00 18.00	2.50 20.00
E. D. Godfrey, pink	2.00 18.00	2.50 20.00
Croesus, bronze	2.00 18.00	
Tiber, brown and red	2.00 18.00	
Quinola, yellow	2.00 18.00	2.50 20.00
Pretoria, yellow	2.00 18.00	2.50 20.00
Zenobia, yellow	2.00 18.00	
Mary Richardson, terra cotta	2.00 18.00	
Agoli, variegated	2.00 18.00	2.50 20.00
H. Hicks, brown	2.00 18.00	2.50 20.00
Mrs. F. Beu, bronze	2.00 18.00	2.50 20.00
Sylvia, red	2.00 18.00	
Sydania, yellow	2.00 18.00	2.50 20.00
Miss Julia, yellow	2.00 18.00	2.50 20.00
Lillia, red	2.00 18.00	2.50 20.00
Sonv, Melannia, pink	2.00 18.00	
Golden Climax	2.00 18.00	

WIETOR BROS., Chicago, Ill. 162 N. Wabash Avenue,

CHRYSANTHEMUMS.

Emma—A Garza-Anemone, double pompon, pale pink; it's a dandy; you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now, \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

Chrysanthemums, 2-in. plants, just right, \$20 per 1,000. Cash. Joy Floral Co., Nashville, Tenn.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.**CHRYSANTHEMUMS.**

Cut back plants, 3-in. pots, good growing condition, \$3.00 per 100.

2000 Maj. Bonnafon. 300 Roman Gold.
300 Nagoya. 250 Dr. Enguehard.
600 Mrs. Buckbee. 100 Patty
100 Pink Chieftain. 150 Lynwood Hall.
300 Chrysolora. 50 Burton.
75 Chas. Razor.

Late propagated, 2-in., \$2.00 per 100.
150 Dr. Enguehard. 400 Pompons.
250 Nagoya. 150 Golden Glow.
150 Roman gold. 150 Burton.
150 Mrs. Seidewitz. 150 Pink Chieftain.
100 Wells' Late Pink. 150 Nagoya.
400 Chrysolora. 150 Roman Gold.
300 Patty. 100 Advance.
200 Maude Dean. 100 Dr. Enguehard.
350 Mrs. Buckbee. 100 Doc. Gem.
3000 Maj. Bonnafon.

Cash or reference.
JOSEPH BANCROFT & SONS.
Cedar Falls, Iowa

CHRYSANTHEMUMS IN 2½-IN. POTS.

The following kinds are the choicest of the commercial varieties. They are far ahead of the old varieties in quality and size of flowers, also in percentage of good blooms:

Each
300 Golden Queen, extra early.....6c
300 Marigold. " ".....5c
1600 Yellow Frost. " ".....3c
300 Crystal Gem. " ".....6c
200 Early Frost. " ".....5c
600 October Frost. " ".....3c
300 Oconto. " ".....3c
1200 Mensa, best white single pompon, same
as large Daisy.....3c

RASSETT & WASHBURN.

178 N. Wabash Ave., Chicago.

Chrysanthemums. New pompon, Golden Wedding. Rooted cuttings, \$8 per 100; \$60 per 1,000; 250 at 1,000 rate. A. W. Meyer, South Holland, Ill.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

CHRYSANTHEMUMS. Good commercial varieties, 2½-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums, Pompon variety, 2-in., \$2.00 per 100; \$18.50 per 1,000; 3-in., \$3.00 per 100; \$25.00 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Chrysanthemums, 25,000 ready now. Over 20 varieties, early, medium and late, from 2 and 2½-in. pots. Alonzo J. Bryan, Washington, N. J.

COLEUS.

Coleus, Emperor Wilhelm, 3-in., 8c each; 4-in., 15c each. Poehlmann Bros. Co., Morton Grove, Ill.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CYCLAMEN.**CYCLAMEN.**

Improved Wandsbek type, 3-in., \$8 per 100. Cyclamen seed, eight varieties, equally divided, \$6 per 1,000. Fancy and salmon, separate, \$8 per 1,000.
ERNEST ROBER, Wilmette, Ill.

Cyclamen. For varieties and prices see advertisement elsewhere in this issue. The George Wittbold Co., 737 Buckingham Place, Chicago.

1,000 2½-in. Wandsbek cyclamen; good clean stock, \$6 per 100. D. G. GRILLBORTZER, Alexandria, Va.

Cyclamen, 3-in., \$8 per 100. Seedlings, \$40 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Cyclamen. The St. George's Nursery Co., Harlington, Middlesex, England.

DAISIES.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

Daisies, A. E. Hunt & Co., 30 E. Randolph, Chicago.

DRACAENAS.

DRACAENA INDIVISA, 5-in., \$35.00 per 100; 4-in., \$15.00 per 100; 3-in., \$6.00 per 100.
ERNEST ROBER, Wilmette, Ill.

DRACAENA INDIVISA, 5-in., 35c. Harry Hehl, West Toledo, O.

FERNS.

Ferns, Boston, 5-in., \$3; 6-in., \$6; 7-in., \$9; 8-in., \$12; 9-in., \$15; 10-in., \$18 per doz. Whitmani, 8-in., \$12 per doz. Pteris Cretica albolineta and Pteris Wimsettii, 3-in., \$6 per 100. Pteris Tremula, 4-in., \$1.50 per doz.; \$10 per 100. The George Wittbold Co., 737 Buckingham Place, Chicago.

Seven-inch Boston Ferns, \$9.00 per dozen; eight-inch Boston Ferns, \$12.00 per dozen. Extra strong plants ready for shift. Cash with order. RIVERBANK GREENHOUSES, Geneva, Ill.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns, Boston, 4-in., \$15 per 100; 7-in., \$6 per doz.; 8-in., \$1 each, \$9 per doz. Large plants in 11 and 12-in. pots, \$2.50 and \$5 each. R. Vincent, Jr. & Sons Co., White Marsh, Md.

New fancy ferns, special picked. C. A. Kuehn, 1312 Pine St., St. Louis, Mo.

FREESIAS.

Freesias. Purity, California grown, 1st size, \$10 per 1,000; Mammoth, \$12 per 1,000; Rainbow, new and very fine, yellow, orange, lavender and pink, \$5 per 100; \$40 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia, Pa.

Fischer's Purity Freesia, direct from responsible grower. Cash. Express paid. ¾-in. \$2.00; ½-in., \$4.00; ⅝-in., \$6.00. BROWN'S BULB RANCH, Capitola, Calif.

GERANIUMS.

GERANIUMS. Extra strong, 2-in., S. A. Nutt, Ruby (best dark red), Dagata, Ricard, Red Wing, Viad, Landry, La Favorite, Perkins, Oberle and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wylie, Aviator, Rogers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. F. H. DE WITT & CO., Wooster, O.

Geraniums, in good 3-in. stock at \$3 per 100; \$25 per 1,000; 2-in., at \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS. Mixed varieties, fine healthy plants, \$3.00 per 100. M. C. GUNTERBERG, 158 North Wabash Avenue, Chicago.

Geraniums, S. A. Nutt and Buchner, \$10 per 1,000; Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums. S. A. Nutt, 2-in., \$1.65 per 100; \$16 per 1,000. Elmer Rawlings, Allegany, N. Y.

GREENS.

Greens. Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. Caldwell The Woodsman Co., Evergreen, Ala.

Greens. Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

HYDRANGEAS.

HYDRANGEA OTAKSA, 3-in., \$5.00 per 100; 6-in. and 8-in. in bloom, 35c, 50c, 75c and \$1.00 each. HENRY SMITH, Grand Rapids, Mich.

Hydrangeas for summer-blooming. For varieties and prices see advertisement on cover of this issue. F. R. Pierson Co., Tarrytown, N. Y.

Hydrangeas. For sizes and prices see advertisement elsewhere in this issue. The George Wittbold Co., 737 Buckingham Place, Chicago.

IRISES.**GERMAN IRIS.**

Strong Divisions.

For July and August Planting.

	100	1,000
Chas. Dickens, blue and purple.....	\$3.00	\$20.00
Hector, yellow and crimson.....	3.00	22.00
Heterauth, bright blue.....	2.50	18.00
Honorobils (San Souci), mahogany and gold.....	2.50	18.00
Loreley, light yellow and blue.....	4.00	30.00
Mars, yellow and violet.....	3.00	22.00
Madam Chereau, pale blue.....	2.50	18.00
Mrs. H. Darwin, white and violet.....	3.50	25.00
Pharaoon, lilac, very fine.....	2.50	18.00
Stenophylla, pale blue.....	2.50	18.00
Venus, yellow veined purple.....	2.50	18.00

VAUGHAN'S SEED STORE, Chicago New York

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

Boston Ferns, 3-in., \$8 per 100. A. Henderson & Co., 211 N. State St., Chicago.

JERUSALEM CHERRIES.

Jerusalem Cherries, 5-in., \$6 per 100. The George Wittbold Co., 737 Buckingham Place, Chicago.

LANTANAS.

LANTANAS, mixed, 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.**From Storage.**

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch plps. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the valley. Finest in existence. For quotations address Otto Mann, Leipzig, Saxony, Germany.

Lily of the valley, from storage. H. N. Bruns, 3032 Madison St., Chicago.

MOONVINES.

Moonvines, lemon verbenas, swainsona, parlor ivy, S. scandens, alyssum, coleus, salvia Bonfire and Zurich, cuphea, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Moonvines, 2½-in. pots, \$5 per 100; 3-in. pots, \$8 per 100. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

ORCHIDS.

ORCHIDS. HASSAL & CO., Orchid Growers and Raisers, Southgate, London, England. Immense stock of cattleyas.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th sts., Philadelphia, Pa.

Palms. Joseph Heacock Co., Wyncote, Pa.

PANSIES.

Pansies. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington Co., Inc., 128 Chambers St., New York.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. HENRY SMITH, Grand Rapids, Mich.

PEONIES.

French peonies can be shipped with celerity and security via Bordeaux-New York. Catalogue free. DESSERT, Peony Specialist, Chenonceaux, France.

Peonies. Write for list. Peterson Nursery. Stock Exchange Bldg., Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

POINSETTIAS.

Poinsettias, true Christmas type. July and August delivery. 2½-in., strong plants, \$6 per 100; \$50 per 1,000. Vaughan's Seed Store, Chicago and New York.

POINSETTIAS.

2½-in., \$5 per 100; \$45 per 1,000. Orders booked in advance.
ERNEST ROBER, Wilmette, Ill.

PRIMULAS.**PRIMULAS.**

Ready July 30th to August 20th.
Obconica Grandiflora, choicest mixed colors; Vesuvius, crimson; Crispa, rose, new; Fimbriata, fringed, mixed; Compacta, lilac.
In 2½-in. pots, \$2 per 100; \$18 per 1,000.
Obconica Gigantea, best mixed colors; Kermesina, crimson; Rosea, pink; Lalacina, pale lilac.
In 2½-in. pots, \$2.50 per 100; \$22 per 1,000.
Forbesi, "Baby" in 2½-in. pots, \$1.75 per 100.
Malacoides, best mixed, in 2½-in. pots, \$2.25 per 100.
Chinensis, Chinese, highest grade, mixed colors. Alba Magnifica, white.
In 2½-in. pots, \$2 per 100; \$18 per 1,000.
Also Asparagus plumosus and Sprengeri in 2½-in. pots at \$18 per 1,000. Cash.
JOSEPH H. CUNNINGHAM
"The Primrose Man."

Delaware, Ohio
PRIMULAS.
Obconica, 2-in. \$3.00
Malacoides, 2-in. 3.00
Malacoides, 3-in. 6.00
ERNEST ROBER, Wilmette, Ill.

Primulas, Grandiflora and Gigantea strain, only the choicest varieties; summer delivery, 2½-in., \$3 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Primula Obconica, 3-in., \$5 per 100. The George Wittbold Co., 737 Buckingham Place, Chicago.

PRIVET.

California Privet, of superior quality, in all sizes from one to four feet. J. T. Lovett, Little Silver, N. J.

ROSES.**ROSES.**

1,200 American Beauty, extra choice young plants, 4-in. pots at 8c. 4,000 grafted White Killarney in 2½-in. pots, good big plants at 8c. 2,000 grafted Richmond in 2½-in. pots, good big plants at 8c. 5,000 Sunburst, own root, in 2½-in. pots, extra fine plants at 4c. 2,000 Cecile Brunner, own root, 3-in. choice stock at 4c. 2,000 Mrs. Geo. Sawyer, own root, in 2½-in. pots at 4c.

BASSETT & WASHBURN, Chicago.
178 N. Wabash Ave.,

Roses. Grafted 3½-in. stock: Pink and White Killarney, Brilliant, Milady, Ophelia, Old Gold, Cecile Brunner, Richmond, Scott Key, Elgar, \$140 per 1,000. Grafted 2½-in. stock: Pink and White Killarney, Brilliant, Ward, Milady, Russell, Old Gold, Richmond, Hoosier Beauty, Scott Key, Elgar, \$100 per 1,000. Own root, 3½-in. stock: Pink and White Killarney, Old Gold, Richmond, Scott Key, Brilliant, Elgar, Ward, Sunburst, \$96.70 per 1,000. Own root, 2½-in. stock: Pink and White Killarney, Scott Key, Sunburst, Richmond, \$56.70 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

FINE 2½-INCH ROSE PLANTS.

	100	1,000
Killarney	\$4.00	\$35.00
Richmond	3.00	25.00
Geo. Elgar (Baby Yellow)	4.00	35.00
White Killarney	4.00	35.00

WIETOR BROTHERS,

L. D. Phone, Randolph 2081.
162 N. Wabash Ave., Chicago.

Rose plants. Pink and White Killarney, 2½-in., own root, \$6 per 100; \$55 per 1,000; 3½-in., own root, \$10 per 100; \$90 per 1,000. Bon Silene, 2½-in., own root, \$4 per 100. Wm. F. Kasting Co., 333-387 Ellicott St., Buffalo, N. Y.

ROSE PLANTS. Kaiserin A. V., 3-in., \$6.00 per 100. Richmond, 3-in., \$6 per 100. Maryland, 3-in., \$8 per 100. American Beauties, 4-in., \$8 per 100. Other varieties. HENRY SMITH, Grand Rapids, Mich.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses. Grafted, December propagation, now ready in 3-in. pots, splendid stock. Charles H. Totty, Madison, N. J.

ROSES.

Roses. 2½ and 4-in. pots, in a good assortment. The Leedle Floral Co., Springfield, O.

Roses, from 3-in. pots, in best varieties. Wood Bros., Fishkill, New York.

Roses, cannas, shrubbery. The Conard & Jones Co., West Grove, Pa.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10.00 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seeds. Winter-flowering Spencer Sweet Peas, florists' for present sowing. For varieties and prices, see advertisement elsewhere in this issue. Arthur T. Boddington, Inc., 128 Chambers St., New York.

Seeds, contract growers of pepper; egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds. Burpee's Early or Winter-Flowering Spencers. For varieties and prices, see advertisement elsewhere in this issue. W. Atlee Burpee & Co., Philadelphia, Pa.

Seed, Giant Pansy, new crop of superb colors and selected stock. Pkt., \$1; ½ pkt., 50c; oz., \$4; 3 oz., \$10. Cash. E. B. Jennings, Southport, Conn.

Seeds. Sweet Pea for fall sowing. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed, Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, tree, shrub and palm. For nursery and florists. Write for prices. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, specialties: Lettuce, onion, sweet peas, aster, cosmos, mignonette, verbena in variety. Waldo Rohmert, Gilroy, Calif.

Seeds. Pansy. For varieties and prices see advertisement elsewhere in this issue. Chas. Frost, Kenilworth, N. J.

Seeds, large growers and shippers of beans, peas and onion seed. Bruunings, Box 857, Melbourne, Australia.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seed. For the wholesale trade only. Brazilian Seed Growers Company, San Jose, Calif.

SEEDS.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds. Vegetable, flower and forage. Simon Louis Freres & Co., Bruyeres-le-Chatel (Seine et Oise), France.

Seed, Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

Seed, High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds. All the leading kinds for summer and fall planting. James Vick's Sons, Rochester, N. Y.

Seeds, garden, farm or flower, wholesale only. Write for prices. Kelway's, Langport, Eng.

Seeds. Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seeds. Flower and garden. Barnard Seed Store, 231-235 W. Madison St., Chicago.

Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seed, Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seed. Flower and garden. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds which succeed. Landreth, Bloomsdale Farm, Bristol, Pa.

SMILAX.

Smilax, strong new stock, 2½-in., \$2.50 per 100; 3-in., \$6 per 100; \$50 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SNAPDRAGONS.

3,000 4-in. fine snapdragons (Keystone). A fine pink, well branched, \$8 per 100. D. G. GRILLBORTZER, Alexandria, Va.

SPIREA.

Spiraea. The latest novelties, in boxes of 25. Gladstone and Queen Alexandra, \$6.50. Extra, Mont Blanc and Philadelphia, \$8. Rhenania, \$10. Messrs. Gt. Van Waveren & Kruijff, Sassenheim, Holland, Jacob von Ginhoven, Rep., 14 Stone St., New York City.

STEVIA.

STEVIA, 2½-in. pots, \$1.50 per 100. Cash or C. O. D. James Psenicka, Gross Point, Ill.

TO EXCHANGE.

To exchange. Rex Begonias; strong plants from 2½-in. pots for Boston ferns from 2½-in. pots. James Vicks Sons, Rochester, N. Y.

VEGETABLE PLANTS.

Vegetable Plants, celery, parsley and cabbage. For varieties and prices see advertisement elsewhere in this issue. R. Vincent, Jr., & Sons Co., White Marsh, Md.

VINCAS.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

Vinca Variegata, 2-in., \$2 per 100. Elmer Rawlings, Allegany, N. Y.

MISCELLANEOUS.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Av., Detroit, Mich.

Choice landscape decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., box 404, Dundee, Ill.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

MISCELLANEOUS.

Japanese tea garden and rockery for your summer house made in a short time. T. R. Otsuka, 300 S. Michigan Ave., Chicago.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Landscape gardening. A course for gardeners, florists and home makers. The Home Correspondence School, Springfield, Mass.

Snap button badge for conventions, picnics, etc. Samples free. Gorbam & Chapline Novelty Co., 542 S. Dearborn St., Chicago.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Vaughan's perfection points. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Nursery stock of all descriptions. Catalogues and price lists free on application. The Storrs & Harrison Co., Painesville, O.

Florists' Greening Pins. Box of 10 lbs., \$1.50; 5 boxes, \$7.00. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Catalogues. Large runs our specialty. Write for prices. Regan Printing House, 527 Plymouth Place, Chicago.

Baskets of every description. Write for catalogue. Kaedlein Basket Co., 713 Milwaukee Ave., Chicago.

Save 25 per cent on erecting, heating and glazing. Mike Winandy, Jr., 6236 N. Lincoln St., Chicago.

Dreer's Peerless Glazing Points. 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Umbrella Plants, 5-in., \$1.50 per dozen. The George Wittbold Co., 737 Buckingham Place, Chicago.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Folding flower boxes, all sizes. A. A. Arnold, Paper Box Co., 16-22 S. Peoria St., Chicago.

Greenhouse glass. Write for prices. Okmulgee Window Glass Co., Okmulgee, Okla.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Boilers of high grade for greenhouses. Write for catalogues. Giblin & Co., Utica, N. Y.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Blooming plants or anything in soft wooded plants. Geo. A. Kuhl, Pekin, Ill.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Hail storm insurance. John G. Esler, Saddle River, N. J.

Glass, large stock and good prices. Sharp, Partridge & Co., Chicago.

Wired toothpicks, 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Greenhouse boilers. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Emergency pipe clamps. M. B. Skinner & Co., 560 W. Washington St., Chicago.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

MISCELLANEOUS.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

GREENHOUSE INSURANCE.

CYCLONE AND HAIL INSURANCE. To get it at reasonable prices write The Hoosier Mutual, Farmland, Ind.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

INSECTICIDES.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nikoteen, for spring spraying: Aphis Punk, for fumigating. Nicotine Mfg. Co., St. Louis.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kohr, 2934-36 N. Leavitt St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

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Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

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Cane Stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

WIRE WORK.

Florists' wire designs and fancy wire lamp shades. NORTHWESTERN WIRE WORKS, 228 13th Ave., N. E., Minneapolis, Minn.

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Angermueller, Geo. H., St. Louis, Mo.
Badgley & Bishop, Inc., New York.
Bassett & Washburn, Chicago.
Berger Bros., Philadelphia, Pa.
Berning, H. G., St. Louis, Mo.
Budlong, J. A., Chicago.
Chicago Flower Growers' Ass'n., Chicago.
Coan, J. J., New York.
Coyle, James, New York.
Crawbuck Co., George W., New York.
Erne & Klingel, Chicago.
Ford, M. C., New York.
Ford, William P., New York.
Froment, H. E., New York.
Goldstein & Futterman, N. Y.
Gunterberg, M. C., Chicago.
Guttman & Raynor, Inc., New York.
Hart, George B., Rochester, N. Y.
Hoerber Bros., Chicago.
Holton & Hunkel Co., Milwaukee, Wis.
House of Ferns, New York.
Kasting Co., Wm. F., Buffalo, N. Y.
Kennicott Bros. Co., Chicago.
Kervan Co., The, New York.
Kessler, Wm. A., New York.
Kruchten, John, Chicago.
Kuehn, C. A., St. Louis, Mo.
Kuhl, Geo. A., Pekin, Ill.
Kusik & Co., H., Kansas City, Mo.
Kyle & Foerster, Chicago.
McCallum Co., Pittsburgh, Pa.
Meconi, Paul, New York.
Miller & Musser, Chicago.
Montreal Floral Exchange, Ltd., Montreal, P. Q.
Moore, Hentz & Nash, New York.
Murata & Co., S., Los Angeles, Calif.
N. Y. Cut Flower Exchange, New York.
Niessen Co., The, Leo, Philadelphia, Pa.
Percy Jones, Inc., Chicago.
Pierson, A. N., Inc., Cromwell, Conn.
Pittsburgh Cut Flower Co., Pittsburgh, Pa.
Poehlmann Bros. Co., Chicago.
Pollworth Co., C. C., Milwaukee, Wis.
Polykranas, Geo. J., New York.
Pyfer & Co., A. T., Chicago.
Randall Co., A. L., Chicago.
Reid, Edward, Philadelphia, Pa.
Reinberg, Geo., Chicago.
Reinberg, Peter, Chicago.
Rice Bros., Minneapolis, Minn.
Riedel & Meyer, Inc., New York.
Rusch & Co., Gust, Milwaukee, Wis.
Sheridan, W. F., New York.
Siebrecht, Geo. C., New York.
Thompson Carnation Co., J. D., Joliet, Ill.
Tonner, O. A. & L. A., Chicago.
Totty, Chas. H., Madison, N. J.
Traendly & Schenck, New York.
United Cut Flower Co., New York.
Vaughan, A. L. & Co., Chicago.
Welland & Risch, Chicago.
Weiss, Herman, New York.
Welch Bros. Co., Boston, Mass.
Welch, Patrick, Boston, Mass.
Wieter Bros., Chicago.
Wittbold, Geo., Co., Chicago.
Young & Co., John, New York.
Zech & Mann, Chicago.

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Purchasers of our famous **GARLAND PRODUCTS** have found that Webster's definition of **GARLAND** is correct. A **GARLAND GREENHOUSE** is the most prized possession of its owner.

Send us your inquiry for any of your requirements, from a concrete post mold to a trussed steel frame greenhouse of the largest proportions.

GARLAND MANUFACTURING COMPANY,
DES PLAINES, ILLINOIS
 LOUIS WITTBOLD, President.

Lancaster County Florists' Club.

ANNUAL OUTING.

Thursday, July 20, an ideal day, hot, but with a slight breeze blowing and a cool tempting look under the shade of the trees, made the majority of the "boys" get ready for the afternoon picnic on the shady lawn of our past-president, B. F. Barr. The committee in charge, Elmer Weaver, Rudolph Nagle and Abraham Strickler, had everything planned so well that the affair went off like clock work, and every one was delighted. The invitation called for florists and their friends, and the friends turned out in goodly numbers. A few of the craft were missing; among them was our regular attendant, John Shreiner, who was with his family at Atlantic City; Thomas Fries, C. S. Leffler and a few others, all of whom are sorry now that they did not drop everything else and come. There was a progressive game of cards for those who wanted to play; three games of quito pitching were going on at one time; there were croquet and bowling on the green; all this for the older people, with potato races, bag races, three-legged races, and every imaginable form of amusement for the youngsters, with prizes for each event.

Mr. and Mrs. Barr make an excellent host and hostess, every comfort being looked after. This being a basket picnic they had plenty of coffee ready for us, and tables and camp stools for our comfort, as well as helping to serve the ice cream donated by our president, H. A. Schroyer, for the "kids both young and old." The Barr home is everything that any mortal could crave for, and there was simply nothing lacking toward the success of the picnic.

The florist end of the party, of course, made an inspection of the grounds and the nursery end of the farm. The evergreens of every size and value were in the pink of condition, and the young stock especially was what some of the experts called "just right." Mr. Barr is working up a stock of hardy perennials, and has an ideal place to demonstrate their value on his lawn. He also has a formal garden, which last summer was a blaze of color and beauty. This time we found three good solid beds, one of heliotrope, one of petunia and one of lantana. The others were planted to hardy stock and lacked the uniformity that one looks for in a formal garden, some of the stock being in bloom, some just over, some to come later on. The farm end of this place is equally interesting, and his stock of blooded cattle and acres of farm products made quite an interesting side show.

At an informal meeting of the club in the evening it was decided to hold



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2340 WABANSIA AVE. (near Western and North Aves.), CHICAGO
 Greenhouse Material Hardware Hotbed Sash

GREENHOUSE GLASS

We are the largest manufacturers of Greenhouse Glass west of the Mississippi River and carry at all times an adequate stock to enable us to make immediate shipment of your requirements. Our glass is heavy in thickness, well flattened and annealed, and especially manufactured for greenhouse purposes. Write us for prices.

Okmulgee Window Glass Co., Okmulgee, Okla.

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Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.

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Vaughan's Seed Store, Chicago, New York

No. 2. Large single thick glass.
 No. 2 1/2. Double thick.
 No. 2, price per box of 1000 (weight, 1 lb) 55c; in lots of 5000, 50c per 1000.
 No. 2 1/2 (1 1/2) per 1000 60c, 5000 at 55c.



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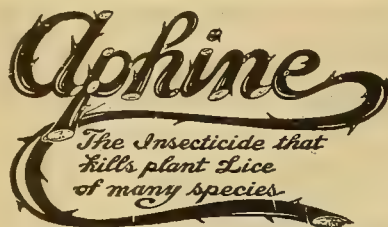
Boilers OF HIGH GRADE.... For GREENHOUSES

See Our Catalogue.

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The Recognized Standard Insecticide

A spray remedy for green, black, white fly, thrips and soft scale.

Quart, \$1.00. Gallon, \$2.50.

NIKOTIANA

A 12% nicotine solution properly diluted for fumigating or vaporizing.

Quart, \$1.50. Gallon, \$4.50.

Until further notice shipments on our products **Fungine, Vermine** and **Scaline** will be subject to conditions of the chemical market.

Prompt shipments can be guaranteed on **Aphine** and **Nikotiana**.

APHINE MANUFACTURING COMPANY
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Unequaled for greenhouse and landscape fertilizing.

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BURNLEY, ENGLAND

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the flower show this fall in the Hemmence auditorium, November 9-11, with one-half the profits to be donated toward building an armory for Lancaster, big enough enough to enable us to invite conventions to this city.

ALBERT M. HERR.

Dowagiac, Mich.

Reshore & Son plan to erect a plant house, 50x75 feet, heated by steam.

The Dowagiac Floral Co. reports a good year.

INVESTIGATE our line of ventilating apparatus and greenhouse fittings. Our ventilating equipment will meet any condition. Just put your proposition up to us. We will solve it for you.



We will submit quotation and methods for operating. We know you will approve, for our arrangements are always clever.

Remember our fittings. Pipe Carriers, Shelf Brackets, Split Tees, etc.

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Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

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THE RENOWNED FOOD FOR PLANTS.

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NICOTINE 40%

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POT MAKERS FOR A CENTURY AND A HALF.

Standard, Azalea, Bulb, Orchid, Fern, Hanging, Embossed, Rose, Carnation, Palm, Cyclamen, Cut Flower. Special Shapes to Order. Chicken Founts, Pigeon Nests. Bean Pots, Etc.

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Syracuse Red Pots Standard Pots Azalea Pots, Pans

A large stock ready for immediate shipments. Our catalogue will tell you all about them.

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SYRACUSE, N. Y.

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Kramer's Pot Hangers

For sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

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Those Red Pots

"STANDARDS"

Full size and wide bottoms.

BULB PANS AND AZALEA POTS

DETROIT FLOWER POT M'FY

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STANDARD AZALEAS

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Red Pots

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Azalea Pots, Hanging Baskets, Lawn Vases, Urns, Etc.

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The Peters & Reed Pottery Co.

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"MOSS AZTEC" WARE

I. G. KIMBLE
6 E. Lake St., CHICAGO

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DREER'S "Riverton Special" Cedar Plant Tub



No.	Diam.	Ea.	Doz.	100
10	20 in.	\$1.60	\$17.50	\$145.00
20	18 in.	1.45	15.50	130.00
30	16 in.	1.10	12.25	100.00
40	14 in.	.70	7.75	60.00
50	12 in.	.50	5.50	45.00
60	10 in.	.40	4.40	35.00
70	8 in.	.30	3.50	28.00

Manufactured for us exclusively. The best tub ever introduced; the neatest, lightest and cheapest. Painted green, with electric welded hoops. The four largest sizes have drop handle.

Henry A. Dreer, Seeds, Plants, Bulbs and Supplies, 714-716 Chestnut St., Philadelphia, Pa.

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Unsurpassed.

Write for prices.

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NEPONSET

Flower Vegetable Waterproof

PAPER POTS

Waterproof, Don't Break, Cost Little. Shippers may use them and save their customers many dollars in express charges.

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Writes Cyclone and Hail Insurance
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and Glass and Their Products.Writes Hail Insurance on Your Growing Crops
while growing in the fields.For rates and full information, write us at our
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Lock the door before the horse is stolen.

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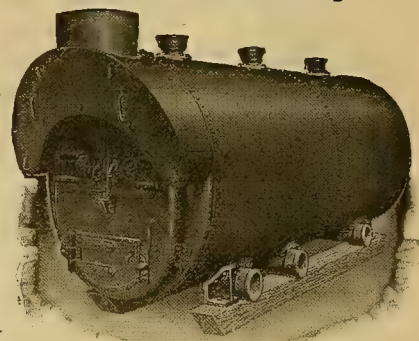


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THE AMERICAN FLORIST



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Vol. XLVII.

CHICAGO AND NEW YORK, AUGUST 5, 1916.

No. 1470

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Next annual convention at Houston, Texas,
August 15-17, 1916.

THE HOUSTON Convention Number

— OF —

THE AMERICAN FLORIST

will go to press

NEXT WEEK

Send special advertisements early to
insure good location and display.

SUGGESTIONS FOR PLANT GROWERS.

Sweet Peas.

To have sweet peas in bloom by Christmas the seed should be sown by September 1. If it is intended to grow them to follow some crop that is now in the beds they can be sown in pots, but if the beds are now ready it is better to sow them in the beds themselves. The growers of large quantities have the rows running lengthwise of the houses, two rows in each four-foot bed, one on each side, with a path in the center, but they can also be grown in rows running across the beds, the rows being about three feet apart. This distance will be found necessary or the plants will get twined together, making a bad snarl of the vines. In sowing the seed in pots, place five or six seeds in a 4-inch pot, and in sowing in drills in the bench, plant the seeds about an inch apart. It is very easy to thin them out if they come up too thick, and one good strong plant to a pot and about eight inches apart in the row is about what should be left to grow on. It is often difficult to get good germination during the hot weather, therefore it is well to plant enough seed. Many growers have trouble with the seed rotting and also the plants dampening off after they have grown to quite a height. They must be watered very sparingly until they begin to climb on the strings. The white seeded varieties are often very difficult to start; a good way which we have found very successful is to sow the seed in the drills on top of the soil, throwing a little sphagnum moss over them until they begin to grow, when they can be lightly covered with soil, and when they begin to climb, the drill can be filled in. This will prevent the seed from rotting and proper watering will remedy the damping off.

Nephrolepis.

The Boston fern and its sports, which have been grown in the bench all summer, should now be potted. The bench is full of young suckers,

which, if saved, will make fine stock for another year, so in lifting the old plants take a knife and cut around the plant about two inches from the center, and place a trowel under the plant, leaving the young stock in the bench. They will soon start to grow, when they can be placed close together in flats and grown on in a fairly cool house until next spring, when they will make excellent stock for planting out. The plants that are lifted should be large enough to plant in a 6-inch pot. If there is a demand for larger sizes two, three or four may be planted in seven, eight or nine-inch pots. Many of the plants have probably not made an even growth, being more or less one-sided. These should be the ones selected for doubling up in the larger pots. As soon as potted they should be kept close and warm for one or two weeks and frequently syringed; they will then have obtained a good hold in the soil, and should be given plenty of light and air. The call for these plants will begin by October 1, and it is much better to have them well established before they go into the residences, and to do this they should be potted by September. The greatest source of disappointment in these plants is in sending them out before they have become established. The Whitmani and finer leaved varieties are now growing rapidly, and should be given room enough to spread and make fine plants.

Marguerites.

The marguerites for winter blooming will soon have to be potted in their blooming pots. This can be done now at any time, and if they are becoming 'pot-bound' the sooner the better. Nine and ten-inch pots are none too large if good flowers are to be grown, and the soil should be good and rich. Pot firmly, using a rammer that the soil can be made solid, and use good drainage. Keep the buds picked off until cool weather sets in; the blooms that are made dur-

ing the warm weather are of inferior quality and no good flowers will be produced until the plants get a good hold in the new soil. The plants are far better plunged in frames for some time yet than in the houses, for they may become infested with red spider under the glass. The plants in the benches will need to be frequently sprayed to keep them free from insects and the blooms should be kept picked

chase a good strain of double seed, and sow in a shaded frame, and as soon as large enough pot up in 2-inch pots. Grow them in a frame until November 1 and then pot in 3-inch or 4-inch pots. These can be carried over the winter in a cold greenhouse or in well protected frames, and started in the greenhouse in March and nice plants for summer blooming be assured.

ly to allow a good circulation of air around the plants. In potting the plants if there are no arrangements so that they can be watered with manure water later, leave a good inch of space at the top, so that they can be given a topdressing when the bracts begin to form. An extra feeding at that time will greatly increase the size of the bracts and brilliancy of the color. Close the ventilators on all cool nights as soon as the temperature falls below 60 degrees, and as soon as the night temperatures begin to run lower than that point a little fire heat will be necessary. The one great point in growing poinsettias is in keeping them at an even temperature and growing rapidly.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

A Church Decoration.

A. S. Gray, of this city, and well known throughout the state as one of its representative florists, recently arranged a wedding decoration here which brought forth much favorable comment on the artistic effect produced by the arrangement. Russell roses and huckleberry foliage predominated in the decoration of the church, palms and ferns being used in the background. Attractive vases of roses and carnations with asparagus and smilax were also a feature. The bouquets, which were also furnished by the Gray establishment, were all splendid creations, as were the baskets carried by the flower girls. The ring bearers carried clusters of callas.

S. S. B.

The Summer Store and Window.

When the dull days of the vacation season set in, the appearance of many stores is very apt to reflect, and almost can be said to emphasize the fact, that there is little demand, and there is no use trying for what on the surface appears to be a useless endeavor.



ST. LOUIS SEED CO.'S CANNAS IN HOUSTON CONVENTION GARDEN.

off of them for some time yet. When cool weather approaches allow the flowers to come along. Cutting can be made at this time which will make nice flowering plants about the turn of the year, at a time when the large plants seem to take a rest and do not bloom profusely. This will insure a cut throughout the season.

Wallflowers.

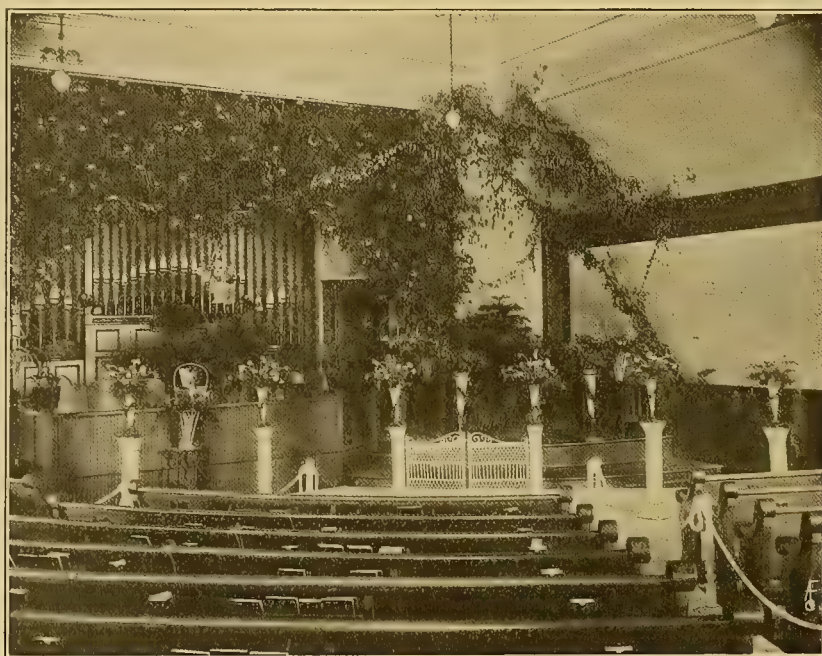
The wallflowers that were sown in the spring should now be planted in the benches that they may get a good start before the cool weather sets in. They should be planted in a house that can be held at a cool temperature to procure the best results, a house that does not have a night temperature exceeding 50 degrees, and even 45 degrees is better. They will not bloom to any extent until after the turn of the year when they will stand a little higher temperature. The soil should be a good rich compost and the plants can be set about eight inches apart. Stake the plants as soon as they begin to grow and keep them tied up so that the spikes of bloom will not become crooked. Constant fumigation will be necessary, for they are likely to be infested with aphids unless guarded against.

Hollyhocks.

During August and early September is the right time to sow hollyhock seed for the next season's flowering. Seed sown in the spring will not produce a plant that will flower to any great extent that year, and they will have to be carried over the winter to make good, large plants, but seeds sown now will make fine plants for next year. For the last few years the fungus that has attacked hollyhocks has made it difficult to carry the old plants over with any degree of certainty, but with late summer sowing much of this trouble is obviated. Be sure and pur-

Poinsettias.

The plants of poinsettias, in the northern section of the country, should be in the houses by September 1, for cool nights are apt to occur from that date on, and the successful culture of these plants requires an even temperature. The early struck cuttings should be potted into 6-inch pots and properly staked, the smaller stock to be grown in pans can be grown until October in the small pots. Give the plants a light location in full sunlight, and space out sufficient-



CHURCH DECORATION BY A. S. GRAY, CHICKASHA, OKLA.



SECRETARY JOHN YOUNG IN THE S. A. F. CONVENTION GARDEN, HOUSTON, TEXAS.

For the man, however, who keeps his business constantly in mind, there is, even during this enforced season of rest, opportunities that when they knock, find him alert and awaiting the call, anxious and willing to make the best of the large or small orders that his evident readiness have attracted.

It is this readiness, this wideawake and inviting appearance of the store, that helps so materially to mark the successful establishment. How can I improve my store? What can I do to increase the business? should head every daily remainder sheet. Every flower shop should be noted for its cleanliness. The nature of the business makes litter and dust unavoidable, as pots must be handled and watered, they will get broken and the dirt tracked about. Dust also blows in through the open doors. There are brooms and mops, however, and there should be willing hands to reduce this evidence of neglect to a minimum. The stock that especially commands the patronage of the winter season should be carefully put away, so as to be fresh and salable when the fall business sets in. Vases and baskets, such as might be called wash goods, should be kept in a salable condition at all times; to have to apologize for or dust an article before handing to a customer is bad storekeeping.

It is natural that the volume of business shall fall off during the summer season, particularly in the large cities, when the flower-buying population, as a rule, seek their country or seaside homes. There are then few if any social events, or courtesy debts to be paid in flowers; there is no sale for plants, except in the suburban districts, nor is the demand for bric-a-brac worth mentioning. There still remains, however, that important branch of the trade, the furnishing of flowers for funerals, without which

patronage but few could carry on their business. There should always be on hand made-up wreaths of magnolia or prepared oak leaves, which, with the addition of a few fresh flowers added in a short time, present a very acceptable piece for immediate delivery.

Even at this dull time the interior of the store should be made as inviting as possible; with a clean interior, furnished with up-to-date fixtures, or with what there are made the most of, it requires but a few nice ferns or a palm or two to give a fresh and tidy appearance. Add to this a few vases of gladioli, larkspurs and low baskets or bowls of sweet peas, and there is presented the necessary and enlivening touch of color.

The window is very important, and the display here should at all times be a reflection of the skill of the artists of the business. It should be artistic, and at the same time carry a punch with it that is sure to make an impression. Just to stick a few ferns in and let it go at that produces an effect that may or may not get even a passing glance, but surely nothing more. Thousands of people throng the downtown streets daily, every one of which is a possible customer. The majority of these should be made to notice the window, and this can only be done by the quality or uniqueness of the decoration.

A country scene, with a mill, the large wheel of which is turned by a stream from a mountain in the rear, the waste water forming a pond, on the surface of which float water lilies, with gold fish swimming beneath, is always an attraction. Around the edge of the window a train of cars can be kept running through a tunnel underneath the mountain and out again into the open; this is worked by a mechanism and power from the water wheel. A few choice ferns in

various sizes, all salable, will help to furnish such a window, and at the same time invite customers. Another attractive summer window feature is a fountain, in the basin of which there are gold fish and water lilies. These aquatic flowers are beautiful, and while not as salable as roses and other long-stemmed blossoms, they are especially valuable for the summer window decoration. For a variation, a handsome magnolia wreath, with seasonable floral decoration and appropriate ribbons, in a setting of ferns, is generally attractive. Another pretty feature that is not expensive and yet presents a very artistic appearance is the floral picture in a gilded frame. A vase, basket or spray of flowers, with a velvet background of an appropriate color, and adapted to the size of the frame, is very appropriate and sure to get more than a passing glance.

A window of the fancy caladiums almost shouts halt to the pedestrians, it is so odd and unusual, while another of gloxinias, with their brilliantly colored throats, is also sure of recognition. Many other combinations will suggest themselves to the wide-awake man, whose skill as a decorative artist increases with each demonstration.

Ivy, nicely trained to white trellises, does well in the stores during the summer time, and will be found quite salable. Ivies are also very useful as an upper window decoration in hanging baskets. Tradescantias in baskets also produce fine decorative effects. The green lycopodium or saligenella, planted in narrow boxes, makes a fine window border, keeping green the entire summer.

K.

PORTLAND, ME.—The establishment of E. J. Harmon & Co., 657 Congress street, has been purchased by D. R. Fogg, formerly of New York.

FLORISTS' FERNS.

Summer Care.

The fern grower finds work aplenty during the summer months, for after the spring trade is over, the houses need a general clean-up; there may be benches to repair and woodwork that needs paint, and even if these particular items do not require attention, the houses should have a good washing

these young plants for a few weeks, after which the full light will encourage a sturdy growth.

The original Boston fern still finds many friends, and for a large specimen is hard to beat, but where four, five or six-inch stock is chiefly required, some of the many dwarf forms of this fern may prove more satisfactory, such, for example, as Scotti, or Teddy, Jr., although the latter may scarcely be recommended as an example of botanical nomenclature. Young plants of

This is an excellent way for the small grower to secure a stock in good condition for potting off into 2¼-inch pots without any of the trouble or risk of raising the said ferns from spores, and also without occupying space during the spring season that may be especially valuable for other purposes. Those young plants may be potted off in any ordinary potting soil that does not contain too much clay, and the plants may be placed in a lightly shaded greenhouse, or else in a frame outdoors, the frame to be covered with shaded sashes that are raised above the frame to a height of about one foot. Such stock naturally needs proper care in watering to insure its establishment, but will make good material for fern dishes by the time the weather makes it necessary to bring the plants indoors in the autumn.

One of the newer ferns that has made many friends in the trade is the so-called "Glory Fern," a hardier form of *Adiantum Farleyense* that originated in Europe a few years ago. This fern also differs from its parent in the fact that it produces spores in moderate quantities, and the spores seem to germinate quite freely under proper conditions of heat and moisture. These characteristics make it possible to offer the Glory fern at somewhat lower prices than *Adiantum Farleyense*, and this is in favor of its more extended use, so altogether there are advantages in the favor of this newcomer, even though it is not quite so beautiful as a well-grown *Farleyense*.

The "bird's nest ferns," *Asplenium nidus*, are also giving a good account of themselves since the trade growers have taken them up, for this *asplenium*, or *thomopteris*, as it was known to a former generation, is an excellent house plant when it is not abused by a shortage of water. *Asplenium nidus* also comes up readily from spores, and young plants in 2¼-inch pots in July will make good plants for next winter, but this fern seems to prefer a lighter and more open soil than that generally used for growing the *nephrolepis*, and may resent overwatering during dull and damp weather.

PTERIS.



LAKE GENEVA, WIS., FISHING PARTY.

Philip J. Foley and Wife, Chicago and Charles Graham and Wife, Cleveland, O.

down with the hose, followed by thorough ventilation, and when dry enough for the purpose, should be given a good dusting, both on top and beneath the benches, with air-slaked lime, for this treatment tends to discourage snails and also some fungoid troubles.

The young stock moves on quite rapidly at this season, especially the various *nephrolepis*, and those who grow young ferns of this character for the wholesale trade, find much to do in taking off and potting up the runners that are now coming in quantity. Some growers keep a stock bench for two or more years, by giving it an occasional top-dressing to encourage the young growth, and also by cutting back the large fronds in order to let the light in among the plants. There is, however, the danger of getting the plants infested with scale or other insects when the same stock is continued too long, and when these pests get down on the stems of the ferns it is not easy to eradicate them. Of course much may be done toward controlling the insects by regular spraying with one of the nicotine solutions, using the spray pump once a week, but even with the best of care the insects will be likely to get a footing in a lot of old crowns, and it is therefore safer not to continue a stock bench too long without replanting.

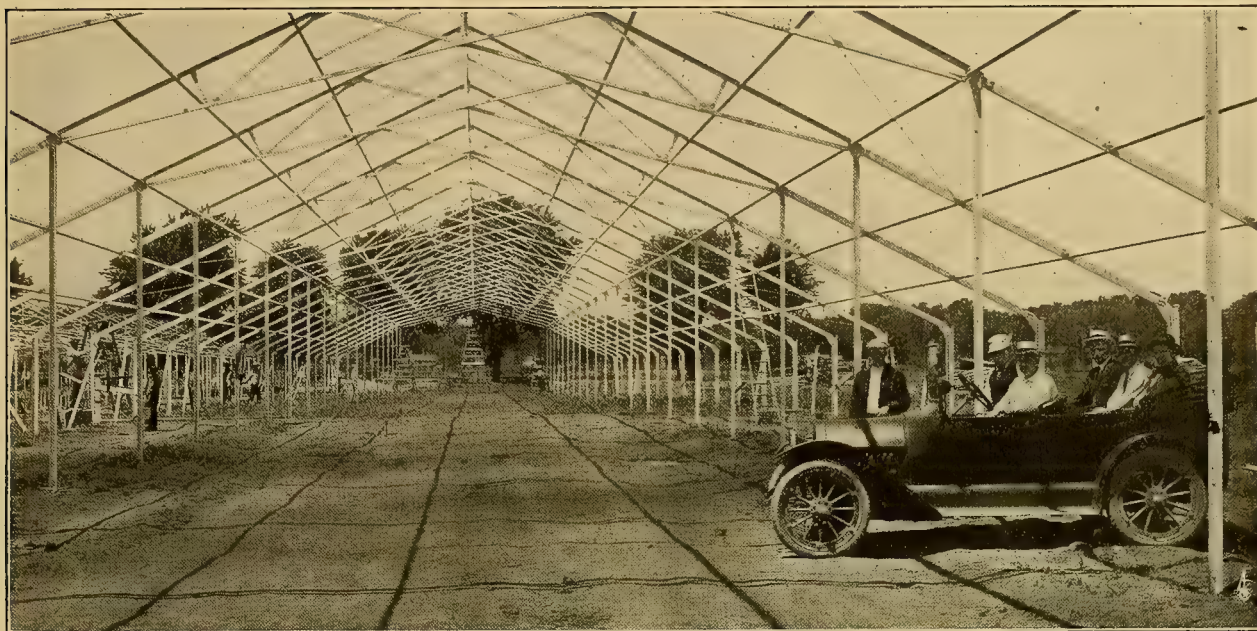
When taking off the young plants in readiness for potting in 2-inch or 2¼-inch pots, the foliage should be shortened to a length of about four inches, thus making them more conveniently handled in potting, and at the same time giving the plant less foliage to support until the roots become established in the pots. Some protection from the sun is required by these ferns, being sold at reasonable

rates, it is a good practice to bunch two or three of them together when ready to make up 5-inch or 6-inch pots, thus getting a saleable plant much quicker than may be done when they are potted on singly. The various small ferns that are used in such prodigious quantities each season for fern pans are usually offered in flats containing 200 plants or clumps of plants and these flats are prepared for delivery by the specialists in July or August.



A TEXAS HUNTING AND FISHING PARTY.

J. M. Nussbaumer, of San Angelo, Sits Above the Cross with His Famous Dog, Spot.



GULLETT & SONS' NEW CARNATION HOUSE, 60x600 FEET, AT LINCOLN, ILL.

Built by The American Greenhouse Manufacturing Co., Chicago. Ed. Gullett, Wilbur Gullett, C. G. Anderson and Adolph Nielson, of Gullett & Sons and C. W. Johnson, Morgan Park, Are in the Auto, Philip L. McKee, Chicago, is Standing Near the Front of the Machine.

Boston Ferns From Spores.

Two reports have come to the writer of the development of spore-grown plants from *Nephrolepis Bostoniensis*. The reports come from widely separated localities and growers, but agree more or less as to details. Unfortunately the results were obtained years ago, and none of the plants so produced are now alive.

The writer is interested in getting information as to any authentic cases of the Boston fern being grown from spores, and will especially welcome an opportunity to see living plants so produced. N. Wittboldi was supposed to be a spore sport from *Bostoniensis*, but the characters of all the plants which I have obtained under the name of Wittboldi seem to indicate that it is a form of some Malayan species. N. Philadelphensis, a chance sporeling at Horticultural hall, Fairmount Park, Philadelphia, Pa., seems to be the same as N. Washingtoniensis, itself, I believe, a chance sporeling, and both are undoubtedly to be identified with another Malayan species, sometimes called *M. floccigera*. These are all broad-leaved forms, very different from *Bostoniensis* or *exaltata*. N. Elmsfordi, reported as a sporeling from Whitmani, stands, I believe, as the only form in the Boston fern series credited with this origin.

Information is asked therefore on the following points:

1. Is there any known instance of the development of plants from Boston fern spores?

2. From the spores of any variety of the Boston fern?

3. What were the characteristics of the plants so grown?

If living plants are now being grown, the writer would like an opportunity to call and see them if near New York, and in any event would be glad to receive small plants for which an exchange from a list of a hundred named forms is now available. It may be noted that microscopic exami-

nations so far made have shown complete sterility of spores among Boston fern forms, but it is not impossible that they may occasionally produce fertile spores.

R. C. BENEDICT.

Brooklyn Botanic G'd'n., Brooklyn, N. Y.

Welchs', Boston, Mass.

Welchs' the new wholesale cut flower and florists' supply establishment, 280-282 Devonshire street, in the heart of the whole district, is very inviting in its spick and span newness. It is a model in its every department. A large room, 30x100 feet, with very high ceiling, finished in light colors, with large show windows in front and abundant light in the rear, makes the whole interior very bright, one of the most necessary features for the proper handling of flowers. The floor is on a level with the street—no steps to go down or to climb to get into the store. A very large refrigerator, or cold storage room, occupies about a third of the space on one side of the store, and this is up to date and very complete in its appointments. The cashier and bookkeeper's department is in front, while the private office of the firm is in the rear. Telephones connect all departments. The usual tables for handling and packing the stock are conveniently placed; the desk of the clerks and their system of getting out and packing the orders is the best that the long experience of the Messrs. Welch have found to be the most practical. An entrance from a street in the rear is also a great convenience.

The firm is composed of David Welch and Edward J. Welch, whose long experience in the business has made them known personally to almost every florist in the New England territory and insured them a good patronage from the start. They are very well satisfied with their young business and are planning for a large stock of the best flowers when the fall season opens.

K.

Fred W. Arnold, Cambridge, O.

Fred W. Arnold, who purchased the stock and leased the range of I. A. Oldham for a period of three years from July 1, 1912, and in June, the following year, bought the establishment of John Davis, has been very successful, as evidenced by his new range of modern 300-foot houses, erected on 30 acres of land adjoining the principal cemetery of this city which he purchased about a year ago, Mr. Oldham having decided to re-enter the business at his old stand upon the expiration of the lease. A number of new ideas have been incorporated into the new Arnold range, which is one of the most up-to-date in this vicinity, and the attractive flower shop located at 915 Wheeling avenue is among the most inviting retail establishments here. Notwithstanding the fact that the rush of business during the past season has made it necessary to work from early until late, Mr. Arnold has developed a new idea in concrete bench construction, and has perfected something new in double-action doors, both of which are said to be possessed of much merit.

ANACOSTIA, D. C.—M. J. McCabe is rebuilding his range. Four houses will be replaced and the capacity increased.

NEWPORT, R. I.—The Garden Club will hold its annual exhibition in conjunction with the Newport Horticultural Society, August 15-17.

SCHENECTADY, N. Y.—The Mohawk Greenhouse Co., composed of John F. Horman and Henry A. Miller, have engaged in business on Van Kracken avenue for the sale of plants, shrubs and cut flowers.

ST. LOUIS, MO.—A feature of the annual outing of the florists' club, which was held at Ramona park, July 20, was the automobile parade from the wholesale market to the park. The crowd in attendance numbered about 400.

McAlpine Bros., Exeter, N. H.

To get quantities of roses, and get them quick, is the modern method. McAlpine Brothers, Exeter, N. H., with experience in both growing and handling flowers for the market, good practical men, purchased four years ago a farm of about 70 acres in Exeter, 60 miles from Boston, which city was to be their market. Their plan was to erect as quickly as possible modern rose houses that would produce the best stock in quantity, so that they would become a factor and have

Brunner, Alice Stanley, Killarney Queen, Double White Killarney and Crimson Queen. About 60,000 plants are required to fill the houses. When the Hadley was asked for, Mr. McAlpine said he did not think the Hadley produced enough in the winter. Hoosier Beauty and Crimson Beauty he liked better, although all red roses seemed to do well in their soil. Their beds were three feet six inches wide and planted with four rows, which was found more profitable than when only three were used, the greater number

Lake Geneva Midsummer Show.

To hold a flower show during the hot days of summer is usually attended with more or less worry on the part of the exhibitors and others interested in making the exhibition a success. Lake Geneva, Wis., has been the scene of very successful shows in recent years, but then the sun and moon did not play hide and seek around the marks on the thermometer from 90 to 105 degrees as was the case for two weeks previous to show time this year. The death of the owners of two very large estates was also a cause for this year's exhibition not being up to the usual high standard. Large competition was lacking in most classes and the interest therefore was not so keen. There were, however, a number of notable displays, among others being the following, together with the awards:

Table of foliage plants—F. T. A. Junkin, (Axel Johnson, Gr.) 1st, with splendid showing of fancy leaved caladiums; Wm. Wrigley, (Chas. Lockwood, Gr.) 2nd.

Collection of outdoor roses—Mrs. S. W. Allerton, (R. Blackwood, Gr.).

Cut flowers, 36 vases—J. J. Mitchell, (A. J. Smith, Gr.); F. T. A. Junkin, 2nd.

Collection of wild flowers—C. L. Hutchinson, (Wm. Longland, Gr.).

Greenhouse grapes, nectarines and pears—F. T. A. Junkin.

Greenhouse melons—J. J. Mitchell, 1st; F. T. A. Junkin, 2nd.

Collection of vegetables—J. J. Mitchell.

Small vegetables—S. B. Chapin, (Chas. Akerson, Gr.).



OFFICERS LANCASTER COUNTY FLORISTS' CLUB AT PICNIC.

Right to Left: Frank Kohr, Secretary; H. A. Schroyer, President; Elmer Weaver, Vice-President; Harry K. Rohrer, Treasurer.

a ready market for their product. An iron frame house, 60x400 feet was their first, followed by another of the same size the second year. The third season found them working on an additional house 80x600 feet, just twice the size of the others. This was finished and planted in due season, so that in their fourth year they successfully marketed the product of 98,000 feet of glass, an achievement that should satisfy the most ambitious. For a time, at least, there are to be no additions, their energy this season being confined to a new barn and cold storage and packing house for their flowers. The rose houses are of the latest iron construction type, seemingly lighter inside than out, with an abundance of top ventilation as well as at front and rear of the houses.

The roses are planted in ground beds, which are thoroughly drained. First on a wedge-shaped, sloping foundation, is a drain pipe covered with cinders; this conducts all surplus moisture to an open pit across the center of the house, and in this are also carried the main steam pipes and connections, so as to be conveniently gotten at for any repairs. The soil here is rather heavy, but ideal for roses, as Wm. McAlpine says they have practically gotten along without fertilizers of any kind. They are now using a top dressing of cow manure, although it does not seem necessary.

The quality of the stock is fine, showing great vigor. A large number of the beds were in the drying off condition or just being started (July 22), but the young stock was getting away splendidly, and that in bearing looked very good. The varieties are Ophelia, Hoosier Beauty, Sunburst, Ward, Cecile

of plants seeming to do almost as well and furnishing a larger crop.

In speaking of their getting a large plant up at the start. Mr. Alpine said that with a place of slow or gradual growth, one had continually to be repairing, as the oldest houses would need looking over and be a constant care, but with houses of large capacity at the start they soon earned enough money to pay for themselves and then showed a profit for quite a long time before any repairs were necessary. The stock is all handled by McAlpine & McDonald in the Boston market.

K.

Washington, D. C.

The annual outing of the florists' club, held at Great Falls, Va., July 19, was attended by more than 350 persons, and was one of the most highly enjoyable in the history of the organization. J. Milton Thomas was in charge of the sports, of which there were a lengthy programme, and the prizes were numerous. The fireworks display in the evening was a pleasing feature.

Improvements to cost in the neighborhood of \$2,000 are to be made at Wm. Marche & Co.'s store at Fourteenth and H streets, and will include a very attractive front.

G. C. D.



LANCASTER COUNTY FLORISTS' CLUB PICNIC, LANCASTER, PA.

Boston.**GOOD STOCK VERY SCARCE.**

There has been a scarcity of stock during the past week, asters being about the only satisfactory flower in the market. There was a good demand for them at from \$2 to \$4 per 100 on extra fancy stock. Practically all are as yet the Queen of the Market variety. Carnations are very poor in quality and only the best of them bring over \$1 per 100. Sweet peas are out of the market entirely. The gladioli have just commenced to arrive and are bringing \$6 per 100, Halley being the most common variety. Indoor America sell for 8 cents. Roses are scarce and sell fairly well, considering the season. Nine-inch flowers bring \$2 per 100, 12 inch sell at \$4 per 100 and \$6 per 100 is received for the longer stemmed stock. There is an abundant supply of gypsophilas, which sell very well at 25 cents per bunch for the double variety. Sprengeri sells poorly. The plant trade consists mainly of hydrangeas, some very fine specimens of which are seen.

NOTES.

Wm. Sim, of Cliftondale, has been cutting a fine crop of Gladiolus Halley. He has a large field devoted to gladioli of nearly every variety, many of which will soon be shipped to the market. He also has a 12-acre field devoted to sweet corn, which, according to the present outlook of the market, should net a good profit.

John Barr, of South Natick, has completed the replanting of his range with carnations. He has a large stock of Good Cheer and Nancy for the coming year. Pink Delight, Matchless and Ward are the main varieties of his stock.

Wm. Simpson, of Woburn, has the largest and best asters coming to Boston. They are far better than are usually seen in the market and he is to be congratulated on the excellence of their culture.

Wm. Penn has returned from his vacation, nicely tanned and two pounds heavier. His brother, Henry Penn, left for Poland Springs, July 31, to spend two weeks in recreation.

Thos. Roland, of Revere, is shipping a few roses, but the bulk of his income now comes from tomatoes. During the past week he averaged a ton a day.

F. L. W.

Cleveland.**SCARCITY OF GOOD STOCK NOTICEABLE.**

Good stock is scarce. Roses of all varieties are arriving open, and only short stemmed stock is available. Carnations are still to be had in considerable quantities of fair quality, and in the absence of better stock are moving nicely. Water lilies are meeting with a good demand. Gladioli are plentiful in all colors and varieties, and are being used quite freely, especially in windows for decorative purposes. Easter lilies can be had right along, some excellent stock. Sweet peas remain in good supply, but are mostly short stemmed, and the heat has affected most of them. Gypsophilas, larkspurs, phlox, achilleas, etc., in outdoor stock are seen. Greens of all kinds are plentiful. A few orchids are seen—vandas, dendrobiums and cattleyas. Lily of the valley remains scarce.

NOTES.

Plans and arrangements for the flower exhibition to be held in connection with the carnival at Edgewater park are moving along in fine shape. Manager Vinson has booked several out of town people for space and has a lot more all but signed up. Following are several of the early ones; Stump

& Walter Co., New York; B. Hammond Tracy, Wenham, Mass., gladiolus specialist, had such good results here in Cleveland last year from his stock grown at Cedar Acres that he will be here again this fall; A. H. Austin, Wayland, O.; Joe Coleman, Lexington, O.; Cleveland Bird House Association; John Scheepers & Co., Inc., New York; Henry A. Dreer, Inc., Philadelphia, Pa. Templin, Crockett-Bradley Co., who operate the Children's Flower Mission, are in for two spaces, and Hitchins & Co. will erect a model greenhouse. Every florist is interested and a good show is assured.



The Late John W. Lyon.

Geo. Asmus, Chicago, and Chas. Totty of Madison, N. J., visited this city in the interest of the next national flower show. They were welcomed by Herbert Bate, president of the florists' club; H. P. Knoble, Fred Brown, and Chas. Russell. The opinion of the parties seemed to be that Cleveland at this time was unable to have the next show because a suitable place was not available at present. After visiting several places of interest in and around Cleveland the visitors left for home.

Chris B. Wilhelmy and family are spending their vacation at Geneva-on-the-Lake.

C. F. B.

Oklahoma City.

The question of having a flower show here in the autumn has again been revived; whether anything toward that end will materialize or not remains to be seen. Some of the local members of the craft seem very hard to get interested in exhibitions.

Business of late has been much better than is usual for this time of the year. One of the reasons for the demand for flowers at this time is the calls for funeral designs that come in from the smaller towns throughout the state.

Visitor: A. S. Gray, Chickasha, Okla. S. S. B.

HARTFORD, CONN.—Wm. Doogue was chosen temporary chairman and A. Dixon, temporary secretary at a preliminary meeting, July 7, when it was decided to organize The Florists' Club of Hartford.

OBITUARY.**John W. Lyon.**

John W. Lyon, member of the well-known firm of Lyon & Anderson, wholesale and retail florists of Belvidere, Ill., died July 28, at the General hospital, Freeport, where he was taken several weeks ago suffering from a physical breakdown, which terminated in heart failure. He had been steadily sinking for several days, and while his death was not unexpected, it created sorrow among a large circle of friends.

John W. Lyon was born at Stockton, Ill., in 1859, and moved to Belvidere in 1891, where he entered the florist business and built up an establishment that is a credit to northern Illinois. He had for many years been prominent in political and business circles, having been at one time mayor of Belvidere and served several terms as alderman. He was a member of the Royal Arcanum and other organizations. He is survived by a widow, one son and two daughters. The business will be continued under the present firm name.

John Supper.

John Supper, 70 years of age, a well known florist of Lakewood, N. J., committed suicide by shooting himself, July 29. His family and friends cannot account for his act. He is said to have left a note, saying he wished no flowers at his funeral, and to bury him in the back yard. He is survived by a widow and two sons. One son, Gottlieb Supper, died recently in Washington, D. C.

A. F. F.

DECATUR, ILL.—Andrew Peterson, of Gibson City, has acquired the John Bommersbach greenhouses.

CINCINNATI, O.—A. Forder has been under the weather, but is improving. Mrs. Forder is not very well.

WORCESTER, MASS.—John U. Gibbons has made an assignment with liabilities of \$660 and assets \$271.

NORTH ADAMS, MASS.—W. E. Cady has opened the "Flower Box" on Bank street, one of the main thoroughfares.

SAN FRANCISCO, CALIF.—The San Francisco Floral Co. has opened a wholesale establishment at 431 Bush street.

SEDALIA, MO.—Among the attractions at the greenhouses of the Archias Floral Co., at the present time, are a number of banana plants in fruit and bloom.

HARTFORD, CONN.—The Rose Hill Floral Co. has been incorporated by Louis L. Barton, Abner P. Pitner and Ralph M. Grant, with a capital stock of \$50,000.

NEW ORLEANS, LA.—Charles Eble has renewed the lease on his present location in the Hotel Grunewald building and is making extensive improvements in the store.

NASHVILLE, TENN.—The greenhouses at Ward-Belmont College are being remodeled and extensive improvements made. Flowers and vegetables for the use of the school exclusively will be grown.

RHINEBECK, N. Y.—The Violet Growers' Mutual Association at its annual meeting re-elected the present officers for another year. They are Chas. R. Traver, president, and F. L. Asher, secretary-treasurer. Fred Moore was elected a director to succeed A. C. Toof.

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THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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LEAD has advanced to \$6.48½.

RENEW subscription promptly so that no copies of the paper may be missed.

WHEN the heat at Chicago broke a five-year record, July 27, with the temperature at 100 degrees, killing four persons, the maximum temperature at Galveston, Tex., that day was 86 degrees.

THE parcel post appears to have given a new turn to the British embargo on Holland bulbs. Parcel post shipments are still permitted, and some members of the trade are protesting vigorously against this invasion of their retail business by the Holland growers.

American Carnation Society.

DEPARTMENT OF PLANT REGISTRATION.

Thenanthos—Parentage, Enchantress x red seedling. Color, brilliant scarlet; size, three and one-half inches; prolific bloomer and entirely free from disease, being never troubled with rust. Raised by John A. Then. Registered by Anton Then, Chicago.

A. F. J. BAUR, Sec'y.

Texas State Florists' Association.

The third annual convention of the Texas State Florists' Association will be held at Houston, August 14, 1916. The morning and afternoon sessions will be held in the banquet hall of the City Auditorium, while the evening session will be held on the Rice hotel roof garden. All florists, in or out of the state, who contemplate attending the S. A. F. convention at Houston, August 15-17, are invited to come early and attend the convention of the state organization. The programme follows:

MORNING SESSION, 10 O'CLOCK.

Meeting called to order by President R. C. Kerr, Houston.

Invocation—Dr. Peter Gray Sears, Houston.

Address of Welcome—Hon. Ben Campbell, mayor of Houston.

Response—E. E. Stone, Dickinson.
Reading of minutes of 1915 convention.

President's annual address—R. C. Kerr.

Report of secretary-treasurer.

Reports of committees.

Report on 1915 flower show.

Appointment of committees.

Better Freight Rates for Texas Florists—W. J. Baker, Ft. Worth.

Importance of Membership in the S. A. F.—Henry Greve, Dallas.

AFTERNOON SESSION, 2 O'CLOCK.

Selecting place for 1917 convention.
Selecting place for 1916 flower show.
Election of officers.

Progress That Is Being Made Towards Securing an Experimental Range of Glass—Prof. E. J. Kyle, College Station.

The Difficulties of Retailers With Wholesalers on Shipments of Cut Flowers Unfit for Use and How to Overcome Them—A. F. Koehle, Sherman.

EVENING SESSION, 8:30 O'CLOCK.

Practical Use of Our Wild Flowers—C. E. Papworth, Ft. Worth.

The Need of More Wholesale Glass in Texas—H. O. Hannah, Sherman.

What the Ladies Are Doing for the Florist World—Mrs. Annie Wolfe Bregance, Waco.

The Outlook for Texas Florists for the Coming Year, With Some Suggestions on What to Expect—Otto Lang, Dallas.
L. J. TACKETT, Sec'y.

New York to Houston.

The transportation committee of the New York Florists' Club has selected the following route for those who intend to attend the S. A. F. convention in Houston, August 15-17.

The S. S. "Mamus" will leave New York, Wednesday, August 9, arriving at New Orleans, Monday, August 14, whence the journey to Houston by train, the Sunset Limited, is only 11 hours. The rate will be \$80 to \$83 for the round trip from New York City to Houston, which covers the trip by steamer to New Orleans, train to

Houston, then by all rail returning. Those who desire may also return by boat. This rate includes berth and meals on steamer, but not on trains.

As this is evidently the route favored by most of those who intend to go, it is hoped that all members of the New York Florists' Club and friends from the eastern section of the country will travel in this party. The transportation committee is composed of Chas. H. Totty, chairman; John Young, Wm. C. Rickards, Jr., and J. R. Lewis.

As the steamship traffic on this line is heavy at this season, it is necessary that all reservations be made well before August 1. Make your reservations at once if possible. Further information will be gladly furnished by J. R. Lewis, secretary of transportation committee.

S. A. F. Convention Reception Committee.

Following the evening session of the Texas State Florists' Association at the third annual meeting of the organization at Houston, August 14, the florists of the state will be organized into a reception committee and will look after the comfort of the visitors to the S. A. F. convention from points outside of the state. The florists of Houston are doing everything in their power to make the 1916 meeting a grand success, and every member of the national society is urged to attend.

R. C. KERR,
Vice-President, S. A. F.

Chicago to Houston.

GREATLY REDUCED ROUND TRIP RATES.

After showing considerable lack of interest in the coming convention of the Society of American Florists the railroad organizations identified with transportation between Chicago, St. Louis, Kansas City, and Houston, have awakened and at the last moment given our national society the consideration to which it is entitled, granting greatly reduced round-trip rates to the convention city as follows:

Chicago to Houston and return. \$46.25
St. Louis to Houston and return. 34.65
Kan. City to Houston and return. 32.00
Memphis to Houston and return. 28.25

The Chicago party occupying special cars will leave via the Wabash Midnight Banner Express at 11:55 p. m., Sunday, August 13, and arrive in St. Louis at 7:40 Monday morning. The special cars will be attached to the Iron Mountain Texas Limited, leaving at nine o'clock, due at Houston, Tuesday, August 15, at 2 p. m., in time for the opening session.

Round trip tickets from Chicago going August 12, 13 and 14 are good returning until September 5. The charges for Pullman sleepers from Chicago are as follows: double lower berth, \$6.75; upper berth, \$5.40; drawing room, \$24.

CIRCLE TOURS.

One can purchase a circle tour ticket which permits going to Galveston (with a stop at Houston), boat from there to New York, a seven-day cruise on the Mallory Line, including one-day's stop over at Key West, and return to Chicago, via Niagara Falls and Detroit; or via Philadelphia and Washington. One can also take the Atlantic Line from New Orleans direct to New York, a five-day trip, and from New York as above mentioned. Cost of either of these tours is but \$80. Meals and berth on boat are included.

For further details, Pullman reservations, and other particulars, address H. L. Purdy, care of Wabash Railway Co., 808 Edison building, Chicago. Telephone, Harrison 4500.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.
For Plant Ads., See Ready Reference Section.
 Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—A 1 saleslady and designer, Chicago preferred.
 Address, Key 658, American Florist.

Situation Wanted—Experienced rose grower capable of taking complete charge of large place. Expert in American Beauty roses.
 Key 663, care American Florist.

Situation Wanted—By practical all around man with 18 years experience in most all branches of the trade. Married and have family.
 Address, Key 656, American Florist.

Situation Wanted—Experienced pot plant grower is open for engagement, middle west preferred. State full particulars and wages in first letter.
 Key 662, care American Florist.

Situation Wanted—Single young man for greenhouses on private place. Must be able to arrange flowers for decoration. Apply at once, stating wages desired.
 Key 661, care American Florist.

Situation Wanted—A1 salesman and designer, capable of taking complete charge. Do not answer unless you are willing to pay \$30 a week or over. Ready to start immediately. Address
 Key 643, care American Florist.

Situation Wanted—Storeman, thoroughly capable in all branches, with ten years of Eastern experience, wishes an opening by Sept. 1st. Make my own sketches for decorations. Can come well recommended. Address
 Key 659, care American Florist.

Situation Wanted—As gardener superintendent: English, married, age 35 years: upwards of 20 years' experience on private estates: excellent references as to character and ability; in last position ten years as head. Address
 PHILIP BOVINGTON,
 133 New Main Street, Yonkers, N. Y.

Help Wanted—Two American Beauty rose growers. Apply at
 POEHLMANN BROS. CO., Morton Grove, Ill.

Help Wanted—Several men to work in greenhouses, helpers and laborers. Steady employment at good wages. Apply at
 POEHLMANN BROS. CO., Morton Grove, Ill.

Help Wanted—At once a practical grower of roses, carnations and pot plants for a retail place. I want a man that is capable of earning his salary.
 HUGH SEALES, Birmingham, Ala.

Help Wanted—A grower who understands the growing of cyclamens, begonias, ferns and bedding plants for a retail place of 7,000 feet of glass; wages to start \$16.00 a week.
 F. J. MUNZING, 6101 Broadway, Chicago.

Help Wanted—First class salesman, designer, decorator and manager for a large Chicago loop retail store. Only men who can furnish unquestionable reference need apply. Also a good saleslady. For further particulars
 Address, Key 657, American Florist.

For Sale Cheap—Glass and all kinds of greenhouse material. Going out of business. Address
 838 31st St., Milwaukee, Wis.

For Sale—Good paving retail store in Chicago at a bargain. Splendid opportunity for the right party. Address
 Key 661, care American Florist.

For Sale—40 Boxes, 12 x 12, second-hand, Double Strength A Glass. Cash with order. \$1.50 per box for the lot, or \$1.75 in smaller quantity.
 O. L. BAIRD, Dixon, Ill.

For Sale—Two ton panel top White delivery truck in good condition, at a big bargain. Owner who is a Chicago retail florist has two machines of the same make and will give the buyer his choice of either car at a figure that will make him buy. Car can be inspected at your convenience. For further particulars, address
 Key 654, care American Florist.

Wanted to Rent—Twenty to forty thousand feet of glass near Chicago. For further particulars address
 Key 655, care American Florist.

Wanted to Rent—A small range of green houses in Chicago on the north side. For further particulars address
 Key A, care American Florist.

"Seedsman's Assistant"

Advertiser wants copy of the "Seedsman's Assistant," by Charles Johnson. State condition of book and price.

Address

Key 653, care American Florist.

Chicago Wholesale Florist

Wants to get in touch with a good man capable of calling on growers and handling city trade—one with previous experience and who has the confidence that he can qualify preferred. Full particulars must be included in first letter and all replies will be considered strictly confidential.

Key 647, care American Florist.

WANTED

CACTI AND SUCCULENT PLANTS.

Correspondence is invited from American Nurserymen in position to collect and ship rare Cacti and Succulent plants and s. eds. Send fullest particulars of varieties, sizes, prices, terms, etc. Large business possible.

FOUR OAKS SPRAYING CO.,
 Sutton Coldfield, Birmingham, England

Tuberose Bulbs Wanted

A leading French seed firm desires to buy American tuberose bulbs. Please send offers to

Key 651 care American Florist.

FOR SALE

LARGE "IDEAL SECTIONAL BOILER"

Suitable for Greenhouse Heating.

Address

THATCHER FURNACE CO.

134 W. Lake St., Chicago.

The Annual Meeting

OF THE

Florists' Hail Association of America

will be held at Convention Hall, Houston, Texas, at 9 a. m. Wednesday, August 16, 1916
 JOHN G. ESLER, Sec'y.

HERE IS AN OPPORTUNITY

for the right man to buy a half interest in a rapidly growing and established wholesale commission house. Purchaser must have at least \$10,000, but it will not be necessary to place it all in the business. What is desired most is a man capable of doing his share to build up still further our ever increasing business. Books are open for inspection and will show a very healthy condition, and a big profit since the start. Curiosity seekers and fellows without the coin need not answer for unless full particulars are stated and credentials enclosed in the first letter all replies will be tossed in the waste paper basket.
 Key C, care American Florist.

NOTICE

—OF—

STOCKHOLDERS MEETING

CHICAGO, July 15, 1916.

Stockholders of the American Florist Company:

You are hereby notified that the annual meeting of the stockholders of the American Florist Company will be held in the Rice Hotel, Houston, Tex., Wednesday, August 16 1916, at 3 o'clock p. m., for the purpose of electing directors and officers for the ensuing term and for the transaction of such other business as may come before the meeting.

J. C. VAUGHAN, Pres.
 M. BARKER, Sec'y.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

The Trade Directory

FLORISTS, SEEDSMEN AND NURSEYMEN

—OF THE—

United States and Canada

Latest Edition Issued July, 1915.

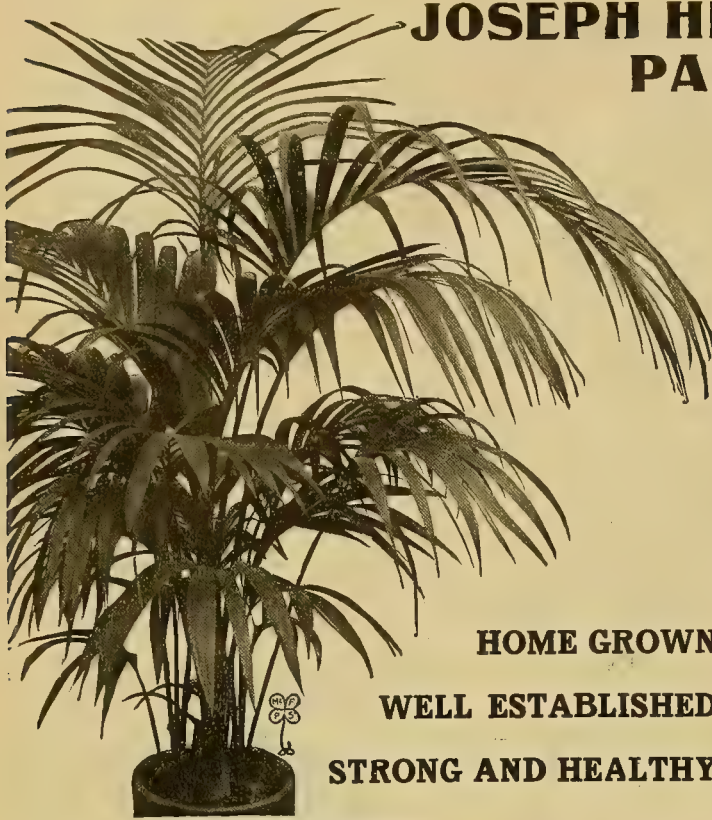
Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO

You need it now for names and addresses.



CIBOTIUM SCHEIDEI.

Ready September 1st. Each
 9-in. tub, 4 ft. spread.....\$ 4.00
 9-in. tub, 5 ft. spread..... 5.00

**HOME GROWN
 WELL ESTABLISHED
 STRONG AND HEALTHY**

JOSEPH HEACOCK COMPANY'S PALMS AND FERNS

ARECA LUTESCENS.
 In. high Each
 6-in. pot, 3 plants in pot....24-30 \$1.00

COCOS WEDDELLIANA.
 In. high Per doz. Per 100
 2½-in. pot 6-8 \$ 1.50 \$12.00
 2½-in. pot 10-12 2.25 18.00

KENTIA BELMOREANA.
 Leaves In. high Each Per doz.
 2½-in. pot 4 8-10 \$ 1.50
 3-in. pot 5 12 2.50
 4-in. pot 5-6 1545 5.00
 5-in. pot 6-7 18-2075 9.00
 6-in. pot 6-7 22-24 1.00 12.00
 6-in. pot 6-7 26-28 1.50 18.00
 6-in. pot 6-7 30 2.00 24.00
 7-in. cedar tub. 6-7 34-36 3.00 36.00
 7-in. cedar tub. 6-7 38-40 4.00 48.00
 9-in. cedar tub. 6-7 40-42 5.00 60.00
 9-in. cedar tub. 6-7 48-54 7.50

Ready Oct. 15.
 9-in. cedar tub. 6-7 5-5½ ft 10.00

KENTIA FORSTERIANA.
 Leaves In. high Each Per doz.
 6-in. pot 5-6 24 1.00 12.00
 6-in. pot 5-6 30-32 1.50 18.00

KENTIA FORSTERIANA, Made-Up.
 In. high Each
 7-in. cedar tub, 4 plants in tub 30-36 \$ 3.00
 7-in. cedar tub, 4 plants in tub 38-40 4.00
 9-in. cedar tub, 4 plants in tub 40-42 5.00
 9-in. cedar tub, 4 plants in tub 42-48 6.00
 Ft. high
 9-in. cedar tub, 4 plants in tub 4-4½ 7.50
 Ready Oct. 15.
 12-in. cedar tub, 4 plants in tub 5 10.00
 12-in. cedar tub, 4 plants in tub 5-5½ 12.00
 12-in. cedar tub, 4 plants in tub 5½-6 15.00
 12-in. cedar tub, 4 plants in tub 6-7 18.00
 12-in. cedar tub, 5 plants in tub 7-8 22.00

PHOENIX ROEBELINII.
 7-in. tub, 24 in. spread, 18-24 in. high.....\$ 2.50

JOSEPH HEACOCK CO.,

Railway Station,
 Jenkintown.

Wyncote, Pa.

Holland Grown Bulbs

HYACINTHS, TULIPS, NARCISSI, ROSE BUSHES, ETC.

Write for information about the **MAMMOTH AUCTION SALES** that we will hold during the coming Fall Season, of Holland's latest and choicest varieties.

The MacNiff Horticultural Company

52, 54 and 56 Vesey Street The Largest Horticultural Auction Rooms in the World **NEW YORK CITY**

Fort Wayne, Ind.

With the thermometer registering 105 degrees, the demand for flowers has been very slack. Outdoor stock is very poor due to lack of rain and greenhouse products are only fair. Roses and carnations have disappeared. Gladioli, asters and Easter lilies are the principal offerings.

NOTES.

The new rose house of the Doswell Floral Co. is nearing completion. It is 30x100 feet and will be planted to Hoosier Beauty and Russell. The demand for funeral work is reported good and several wedding decorations have kept the force busy.

A. J. Lanternier and wife, Misses Hilda and Ruth Lanternier, and E. J. Lanternier and wife, have been enjoying short vacations.

A handsome wreath of roses was sent by the school children of this city for the funeral of the late James Whitcomb Riley. H. K.

MINOT, N. D.—Additions are being made at the range of Geo. E. Valke.

HILL'S CHOICE LANDSCAPE, DECORATIVE AND FORCING STOCK FOR FLORISTS' TRADE

Boxwoods—Pyramids, Standards, Globes, Bush, Dwarf—one of our leading specialties. Stocked in enormous quantities.

Bay Trees—Standards, Half standards, Pyramids. We can save you money and give better quality. Let us prove it.

Hardy Tubbed Evergreens—Clipped specimens in Taxus, Thuys, Juniperus, Abies varieties in Pyramids, Globes and natural-shaped, in large assortment.

Araucarias—Best sorts, best values, in both small and large sizes, for immediate effect and growing on.

Forcing Stock—Azaleas, Rhododendrons, Aucubas, Skimmia Japonica, Hydrangeas, Lilacs, Spiraeas, Magnolias, Japanese Maples, Wistaria Chinensis, Japanese Flowering Cherry, Peonies, Roses, in large assortment, choicest quality, best commercial sorts.

Wholesale price list will be mailed promptly on request.

THE D. HILL NURSERY COMPANY, INC.

EVERGREEN SPECIALISTS
 LARGEST GROWERS IN AMERICA

WHOLESALE GROWERS AND IMPORTERS

Landscape Evergreens and Conifers—New, rare and standard varieties. Small, medium and large sizes supplied in perfect specimens, with ball and burlap. Largest and most extensive collection in America.

Window-Box Plants—Hardy Coniferous Evergreens for winter use. All hardy and desirable sorts, best selection, lowest prices. Also Bush Box and Dwarf Edging. This line offers wide-awake florists a grand opportunity to increase their sales and profits.

Deciduous Trees and Shrubs—Our leaders—Norway Maple, American White Elm and Japanese Barberry.

Young Stock for Lining Out—Ornamental Evergreens and Deciduous Trees and Shrub seedlings, rooted cuttings, grafts, etc., in large assortment at very low prices. Annual output, 10,000,000 plants.

Write for information and price today.

Box 404, DUNDEE, ILL.

THE HOUSTON CONVENTION NUMBER

— OF —

The American Florist

WILL GO TO PRESS

Next Week--Aug. 9th.

Many orders for Seeds, Bulbs, Plants and Supplies needed for fall work and business will be placed during the next 60 days, and Growers, Manufacturers and Dealers can secure a large share of this business by liberal advertising in our


32nd Annual Convention Number

No Change in Prices. Single Column Inch, \$1.00; Page of 30 inches, \$30.00, with the usual discounts on a series of insertions.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

For 32 years the representative paper of the Florists, Seedsmen and Nurserymen of the United States and Canada.

 Please send your copy for this issue as early as possible.

THINK!

How can you double your profits?
Buying Quality Goods, at Reasonable
Prices. By always having in stock what
your customer asks for. Get your flowers
from us and watch your profits grow.

Beauties, Russell, Orchids, Aster Gladioli, Valley, Full Assortment Roses BEGIN NOW.

Get your supply of Roses this summer from
We can supply Everything in Season.

CURRENT PRICE LIST—In Effect Now.

AMERICAN BEAUTIES.		Per doz.	MRS. CHAS. RUSSELL.		Per doz.	MISCELLANEOUS CUT FLOWERS.		Per doz.
Long	.....	\$3.00	36 inches long	.....	\$2.50	Lilies	.....	12.00
30-36-inch	.....	2.50	30 inches long	.....	2.00	Gladioli	.....	1.00
24-inch	.....	2.00	24 inches long	.....	1.50	Feverfew	.....	50 cents per bunch
20-inch	.....	1.50	18 to 20 inches long	.....	1.00	Gypsophila	.....	\$1.00 per bunch
Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00.			Short	.....	per 100, \$4.00, \$6.00	CATTLEYS	.....	per doz., 6.00
OPHELIA, RICHMOND, MILADY, SUNBURST, KILLARNEY BRILLIANT, KILLARNEY, WHITE KILLARNEY, WARD.			CECILE BRUNNER OR SWEETHEART ROSE.			VALLEY	.....	\$4.00, \$5.00, \$6.00 per 100
		Per 100	Per 100	.....	\$2.00	GREEN GOODS.		
Long	.....	\$8.00	ASTERS.			Mexican Ivy	.....	per doz.,
Medium	.....	\$4.00 to 6.00	Fancy	.....	Per 100	Smilax	.....	doz.,
Short	.....	3.00	Medium	.....	\$3.00 to \$4.00	Sprenger and Asparagus Sprays	.....	\$2.00 to
			Short	.....	2.00	Adiantum	.....	1.00 to
					1.50	Galax (bronze and green)	.....	per 1,000
						New flat ferns	.....	per 1,000

WESTERN HEADQUARTERS

For the Newest and Latest Article in

PREPARED FOLIAGE

Every Florist who is looking for something new in decorating material should make it
point to see our line of **Translucent Foliage**. Do not confuse this article with Opaque C
that has been on the market the past few years for it is altogether different and much better.

Oak Sprays, 36-inches and over, - - - - - \$1.50 per Doz.; \$10.00 per 100.

Maple Sprays, 3 to 4 feet, - - - - - \$2.00 per Doz.; \$15.00 per 100.

Waxed Roses, per 100, \$2.00 Waxed 'Mums, per 100, \$2.00

Waxed Orchids, per 100, \$3.00

MAGNOLIA LEAVES, Per Box, - - - - - \$1.30

12 Bales Extra Fine Sphagnum Moss For \$10.00

F. O. B. CHICAGO

Some Items You Need Now

Sulphur==Slug Shot==Grape Dust==Daylight Glass Cleaner==Liquid Putty==Greenhouse Ho

POEHLMAN

72-74 E. Randolph St.,

entias Western Kentias

Headquarters

Largest and most complete stock offered in the West, in a healthy, strong and clean condition.

BELMOREANA SINGLE PLANTS.

4 inch pots, \$1.50 per dozen; \$10.00 per 100;
\$90.00 per 1,000.

Leaves Each.

inch pots 5-6 16-18 inch high.....\$0.40
\$4.50 per dozen; \$35.00 per 100.

Each.

inch pots 6-7 24 inch high..... 1.00
inch pots 6-7 28-30 inch high..... 1.50
inch tubs 6-7 42-44 heavy..... 5.00
inch tubs 6-7 50-54 heavy..... 7.00

Specimen plants, \$60.00-\$75.00.

FORSTERIANA SINGLE PLANTS.

Leaves Each.

inch pots 5-6 18 inch high.....\$0.40
\$4.50 per dozen; \$35.00 per 100.

inch pots 6-7 28-30 inch high..... 1.00
inch pots 6-7 34 inch high..... 1.50
inch pots 6-7 34-36 inch high..... 2.00
inch tubs 6-7 40-42 inch high..... 3.00
inch tubs 6-7 42-46 inch high..... 3.50
inch tubs 6-7 50-52 inch high..... 5.00
inch tubs 6-7 54 inch heavy..... 6.00
inch tubs 6-7 60 inch heavy..... 7.00
inch tubs 6-7 5-5½ ft..... 8.00
inch tubs 6-7 5½-6 ft..... 12.00
inch tubs 6-7 8-8½ ft. heavy..... 40.00
inch tubs 6-7 9-10 ft. heavy..... 50.00



FORSTERIANA MADE UP PLANTS.

Plants	Each.
6 inch pots 3	24- inch high.....\$ 1.50
7 inch tubs 3	30-32 inch high..... 2.50
8 inch tubs 3	38-42 inch high..... 3.50
8 inch tubs 4	48-52 inch high..... 5.00
8 inch tubs 4	52-54 inch high..... 6.00
10 inch tubs 4	54-60 inch high..... 8.00
12 inch tubs 4	60 inch high..... 10.00
12 inch tubs 4	62-66 inch high..... 12.00
12 inch tubs 4	66-70 inch high..... 15.00
15 inch tubs 4	6-6½ ft. heavy..... 25.00
15 inch tubs 4	75-80 in. heavy.....\$25@30

ARECA LUTESCENS.

Plants	Each.
6 inch pots, 4 plants, 24 inch high.....	\$1.00
8 inch tubs, 3 plants, 40 inch high.....	3.00
5 inch Aspidistra green 10-12 leaves.....	1.00
6 inch Aspidistra green 15-17 leaves.....	1.50
5 inch Aspidistra var. 7 leaves.....	1.00
5 inch Aspidistra var. 10-12 leaves.....	1.50

LIVISTONA ROTUNDIFOLIA.

5 inch pots	\$0.75 each
6 inch pots	1.25 each

PHOENIX ROEBELENI.

3 inch pots.....	\$3.50 per doz.
Each.	
6 inch pots, 18 inch high, 24 inch spread.....	\$2.00
10 inch tubs, 35 inch high, 46 inch spread.....	7.50

All previous prices quoted are herewith cancelled.

Grafted and Own Root Rose Plants.

Grafted, 3½-inch Stock.

\$140.00 per 1000.

Pink Killarney	600 Old Gold
White Killarney	450 Richmond
Brilliant	1300 Scott Key
Milady	1038 Elgar

Grafted, 2½-inch Stock.

\$100.00 per 1000.

500 Pink Killarney	700 Old Gold
4050 White Killarney	100 Richmond
3650 Brilliant	200 Elgar
900 Wards	350 Scott Key
190 Milady	1700 Russell

Own Root, 3½-inch Stock.

\$96.70 per 1000.

4800 Pink Killarney	85 Scott Key
2530 White Killarney	90 Brilliant
200 Old Gold	300 Elgar
125 Wards	2100 Richmond

Own Root, 2½-inch Stock—\$56.70 per 1000.

1500 Pink Killarney	600 White Killarney	70 Scott Key	325 Sunburst	1000 Richmond
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CALADIUMS

Finest fancy leaved varieties, 25c, 35c, 50c, 75c, \$1.00 and \$1.50 each.

100	1000
gonia Chatelaine, 2¼ in.....	3.50
3 in.	8.00
4 in.	15.00
5 in. ....each, 25c	
gonia Lorraine, 2 in.....	10.00
½ in.	12.00
us Emperor Wilhelm, 3-in., 8c each; 4-in., 5c each.	
tons—5-inch, \$7.20 per doz.; 6-inch, 75c	
and \$1 each.	

Cyclamen—3 inch. \$8.00 per 100.
Seedlings, \$40.00 per 1,000.

100	1000
Primulas Grandiflora and Gigan-	
tea strain, only the choicest	
varieties, summer delivery, 2¼	
in.	3.00

Smilax, strong new stock, 2¼ in.	2.50
3 in.	6.00 50.00

Boston Ferns, 5-inch, 40 cents each.
Boston and Roosevelt Ferns. Late July delivery. 6-in., 75c each; 7-in., \$1.00 each.
Whitmani, 6-in., 75c each.
Table Ferns, 2¼-in., \$3.00 per 100.

BOXWOODS

Each	
15-in. in burlap .....	.40
18-in. in burlap .....	.50

N BROS. CO.

g Distance Phone,
Randolph 35. CHICAGO, ILL.

SUMMER ROSES

We make a specialty of growing Roses best adapted to handle during the hot weather. Our facilities are exceptionally well equipped and we recommend the following stock for summer:

BEAUTIES--Mostly Medium and Short Lengths Good Shipping Stock.

Rhea Reid—Best red rose.

Mrs. Russell—Best pink rose.

Sunburst—Best yellow rose.

Double White Killarney—Best white rose.

Ophelia and **Shawyer**—Are also two good pink roses for summer use.

These in addition to the regular varieties of Roses we are receiving in large quantities direct from our greenhouses within a few hours of being cut, enable us to fill all orders with strictly fresh stock. This is the great advantage of buying direct of the grower. Order here.

CURRENT PRICE LIST

American Beauties	Per doz.
Specials, extra long stems.....	\$2.00 to \$3.00
Medium stems.....	1.50
Shorter lengths.....	.50 to .75

Sunburst--Rhea Reid--Ophelia--Richmond Shawyer--White and Pink Killarney Killarney Brilliant

Long.....	per 100,	\$6.00
Medium.....	"	\$4.00 to 5.00
Short.....	"	3.00

Mrs. Chas. Russell.	Per 100
Extra long.....	\$8.00 to \$10.00
Medium.....	5.00 to 6.00
Short.....	3.00
Cecile Brunner	per bunch, 35c

Asters at Market Prices.

LILY OF THE VALLEY	\$5.00 to 6.00
ASPARAGUS SPRAYS and SPRENGER	2.00 to 3.00
FERNs , new.....	per 100, 20 cents; in lots of 1000 or more, \$1.50 per 1000.
ADIANTUM	1.00
GALAX , bronze and green...per 1000,	\$1.25 to \$1.50

ROSES, our selection, in lots of 500 or more at the rate of \$20.00 per 1000.

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN

LONG DISTANCE PHONE:

CENTRAL 1457.

Greenhouses: Hinsdale, Ill. and Gregg's Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Mention the American Florist when writing

Chicago.

HOTTEST JULY IN MANY YEARS.

The recent heat wave was the longest on record at the local weather bureau and the government records go back to 1871. The oppressive wave of heat as the month closed made this July the hottest ever and the previous hottest July was in 1901 when the temperature averaged 77.4. This July the average was a trifle over that. The amount of sunshine has been way above normal and the weather bureau reports a new record of eight consecutive days of 100 per cent sunshine and which ties the eight day record from September 27 to October 24 in 1897. Rainfall was one-half inch below normal for the month and it might be added that there were thirteen consecutive days from July 3 to July 15 without a drop of rain which is a local record without parallel. Thursday, July 27, was the hottest day of all when it was 103 above just before 1 p. m. and at night was the hottest night ever experienced here. At 7 p. m. on that day this city was the

hottest town in the United States with the single exception of Yuma, Ariz., so one can just about imagine what the market conditions might be. It was almost impossible to work in the greenhouses for the temperature under the glass averaged from 120 to 140 degrees above, consequently stock suffered considerably and reached the market in rather poor condition. Carnations are practically done, but there are plenty of roses obtainable although good stock in this line is none too plentiful. Mrs. Chas. Russell roses in some instances are of good quality and the same holds good for American Beauties. My Maryland and Ophelia are also reaching the market in good shape and clean up well right along. Some of the other roses are holding up fairly well considering the warm weather, but taken all in all every variety has suffered, but the stock offered is pretty good all things considered. Gladioli are selling unusually well this season and have commanded good prices up to this writing but the receipts are steadily increasing and a drop in prices may be expected.

Asters are moving quickly at fair prices and clean up nicely each day. Lily of the valley is as scarce as ever with the old prices holding firm. Orchids are in good demand and at times bring good prices. Lilies have been in good demand all week and cleaned up completely Saturday, July 29. Stock in general sold well Friday and Saturday, July 28-29, which were two of the best days experienced for several weeks. Stock did not bring much higher prices but everything moved and left the tables and ice boxes pretty empty. The shipping trade especially has been very good and the city demand has also shown some improvement.

NOTES.

Frank Ayres, Chas. W. McKellar's right hand man, and wife will leave next week on a 2200 mile lake trip, stopping off at Buffalo, N. Y., for a few days. Mr. McKellar's many friends are pleased to hear that his health has improved and that he is able to be back on duty at the store again regularly.

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

LARGE SUMMER SUPPLY

Russell and Milady Roses

Plenty for everyone in all the desired grades. Place your orders here.

Fancy Lilies, Asters, Gladioli, Valley and Complete Line of Greens.

Current Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems	\$5.00
48-inch stems	4.00
36-inch stems	3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.00
Short .....	.75

	Per 100
Richmond.....	
Killarney.....	
White Killarney.....	Extra select
My Maryland.....	Select
Sunburst.....	Medium
Ophelia.....	Short
Milady.....	

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$2.00
Select	1.50
Medium	1.00
Short	\$0.50 to .75
Roses, our selection.....	Per 100 \$ 3.00
Asters	\$ 1.00 to 3.00
Gladioli	3.00 to 6.00
Carnations, fancy	\$ 2.00 to 3.00
Harrisii	10.00 to 12.50
Valley	4.00 to 5.00
Adiantum	1.00
Asparagus, per bunch .....	.50 to .75
Ferns, per 1,000.....	\$2.00

2,000,000 Feet of Modern Glass

Peter Seiler, of 1835 Birchwood avenue, Rogers Park, has been missing since July 11. His wife and three children fear that he is dead. Mr. Seiler conducted a greenhouse and was in prosperous circumstances. At the time of his disappearance he had more than \$200 with him. The missing man was 33 years old. He is described as weighing about 145 pounds, 5 feet 6 inches in height, and of light complexion. Police search for the man has been unavailing.

James Friedl, accompanied by his wife and daughter, are enjoying a three weeks' vacation at Fox Lake. The Friedl flower shop at West Twenty-sixth street and Clifton Park avenue is being capably managed during their absence by J. Papacek, formerly in business on West Twenty-sixth street.

A. L. Vaughan & Co. are handling a large supply of choice gladioli and asters which clean up at good prices at an early hour each day. Mr. Vaughan says that the shipping trade has been remarkably brisk all this week and that the local demand never was so good at this time of the year.

John Sinner is spending his vacation at Sinner Bros.' greenhouses this year, where he is giving the boys a lift with their planting. A little hot weather does not bother him even though the thermometer registered over 125 degrees above under the glass.

John Walsh has returned from a pleasant visit at Boston, Mass., and is on the job again at the Chicago Flower Growers' Association's store. Ed. Hunt, who takes care of the packing at this house for Manager Kling-sporn, is enjoying a two weeks' vacation.

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

SUMMER FLOWERS

Complete line of both indoor and outdoor stock, particularly Asters and Gladioli. Order what you need from us

Chicago's Largest Dealers in Decorative Greens

H. C. Wullbrandt, 5315 West Madison street, is the guest of his friend, C. L. Robinson, of Lincoln, Neb., on an automobile trip to that city. They will spend a few days at Lincoln and in all probability will extend their trip to take in the sights at Yellowstone Park.

Max Awizzus, of the E. C. Amling Co., and family are spending their vacation at Lake Marie, near Antioch.

Joe Marks, representing the A. A. Arnold Paper Box Co., is back from an out-of-town trip with a book full of orders.

The Duro Paper Products Co. is the name of the new concern that has entered the field of the paper box manufacturers. Sam Freund is manager and the new factory is located at 3711 South Ashland avenue.

W. H. Kidwell has returned from a pleasant visit with his family who are spending the summer at his country home in Michigan.

Mrs. August Lange and son Homer are spending a few weeks at Blue Lake, Mich.

George Levenson and wife are visiting friends at South Haven, Mich.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

We are now cutting heavily in short and medium stemmed Ophelia roses of unsurpassed quality and can take splendid care of you in what you need in this line.

Current Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.		Per doz.
Long stems		\$5.00
36-inch stems		4.00
30-inch stems		3.00
24-inch stems		2.50
18-inch stems		2.00
12-inch stems		1.50
White—KILLARNEY—Pink.		Per 100
Extra Special		\$7.00
Select		6.00
Fancy		5.00
Medium		4.00
Short		3.00

RICHMOND		Per 100
Extra Special		7.00
Select		6.00
Fancy		5.00
Medium		4.00
Short		3.00
OPHELIA.		Per 100
Extra Special		\$7.00
Select		6.00
Fancy		5.00
Good		3.00
SUNBURST.		Per 100
Extra Special		\$7.00
Select		6.00
Fancy		5.00
Good		3.00

GEORGE ELGAR	35c per bunch
ROSES, OUR SELECTION \$3.00	
LILIES.	Per 100
Fancy	\$10.00 to \$12.50
Miscellaneous.	
Ferns, per 1,000.....	2.00 to 2.50
Smilax, per doz.....	2.00
Adiantum	1.00
Sprengeri, per bunch.....	.50
Asparagus Sprays, bunch.....	.50
Other Green Goods Market Rates.	

Poehlmann Bros. Co. has made a contract with Buchbinder Bros., well known manufacturers of florists' refrigerators and store fixtures, to handle their line according to T. C. Waters, manager of the supply department, who will be pleased to figure with anyone in the market for same in the future. August Poehlmann and family are spending a week at Delavan Lake, Wis., but he will return in time to join the local delegation to the Houston convention. Miss Burkhardt, of the supply department, has returned from a pleasant visit on a farm in Wisconsin and is again attending to her duties at the store.

O. J. Friedman and family have returned from a pleasant outing at Oneida, Mich. His efficient bookkeeper, Miss Cassoretto, will leave this week for Donaldson, Wis., to enjoy a well earned rest. Miss Nelson, also of this firm, is visiting with her mother on an island in Puget Sound near Tacoma, Wash. Thos. Fogarty is next on the list to enjoy a vacation and denies the report that he will spend it with his family on the Emerald Isle. He is a genuine American now and is satisfied to spend it right here in the good old United States.

Wietor Bros.' Store is taking on a most inviting appearance and it is rumored that some of the art students from the Art Institute will be over next week to decorate the walls if satisfactory arrangements can be made with them. N. J. Wietor says that his firm sent out its first shipment of field grown carnation plants Tuesday, August 1, and that the stock is in splendid condition this year and that the greenhouse crew is now busy benching their plants, which includes all the best new and old standard varieties.

E. C. Amling and family and a party of friends are back from a most enjoyable five day automobile trip to Green Bay, Wis. The tour was made in Mr. Amling's Twin Six along Lake Michigan and Lake Winnebago and the picturesque Fox River, which played such an important part in history in days of Father Marquette and other early adventurers. A. C. Kohbrand is back from a successful fishing trip in Wisconsin and is again attending to the shipping trade at the E. C. Amling Co.'s store.

It is rumored that a new supply, seed and bulb house will open for business here in the near future, with

Wholesale Cut Flowers—Greens and Supplies

Prices cheerfully submitted on whatever you need upon request.

O. A. & L. A. Tonner

30 E. Randolph Street,

Phone,
Central 6284.

CHICAGO, ILL.

Mention the American Florist when writing

headquarters at 172 North Wabash avenue in the vacant store adjoining the E. C. Amling Co. Samuel Seligman, formerly with Wertheimer Bros., New York, A. Miller, with A. Henderson & Co., and several others are reported to be actively interested in the new concern.

Chas. Erne, of Erne & Klingel, called on his friend, Wm. Duntemann, of Bensenville, this week, and found him much improved in health, but still confined to his bed and with his right leg in a cast. It will be several weeks more before he will be able to be about but at that he is recovering more rapidly than the attending physician at first hoped for.

Lloyd E. Shirley, manager of the Garland Manufacturing Company, Des Reichling, who says that it was no trouble to sell all the stock as fast as it arrived, which is doing exceptionally well for his firm is cutting heavily in roses at present. The house is also cutting a large supply of fine asters which are in brisk demand at high prices.

Lloyd E. Shirley, manufacturer of the Garland Manufacturing Co., Des Plaines, reports that his firm has just received an order from Davis & Steiner for two new trussed steel frame greenhouses, 76x900 feet, to be erected at Ottawa, which is an additional order from the same firm which is building 12 new Garland houses at Streator.

John Kruchten and family and a party of friends will motor to Sister Lakes, Mich., the latter part of the week, where they will spend their vacation. Mr. Kruchten is seriously thinking of attending the Houston convention, where he will represent the John Kruchten Co.

Michael Fink cut his first tuberose last week, which is just exactly one month later than last year and if the writer is not mistaken they are the first to reach the market this season.

He is consigning the stock to the Chicago Flower Growers' Association, where he is employed.

L. R. Bohannon, Walter Adams, Victor Bergmann and Lou Bunt have returned from a fishing trip to Long Lake, Wis., and according to the stories they are telling there are not any fish left in the lake for they claim to have caught all that were there.

Martin Schoeffle, son of John Schoeffle, well known Belmont avenue florist, has returned from a pleasant sojourn in the east where he visited all the leading cities.

Joe Weis, 3445 Southport avenue, motored to Starved Rock this week and reports having had a most delightful time.

Miller & Musser are handling a large quantity of choice asters which are in brisk demand and command good prices.

George Kaspar is back from a well earned rest and is again attending to his duties at the Batavia Greenhouse Co.'s store.

Reinhold Schiller, manager of Schiller's downtown store, is back from West Baden, Ind., much improved in health.

Emil Reichling, superintendent of the Peter Reinberg greenhouses, has invested in a new seven passenger Buick.

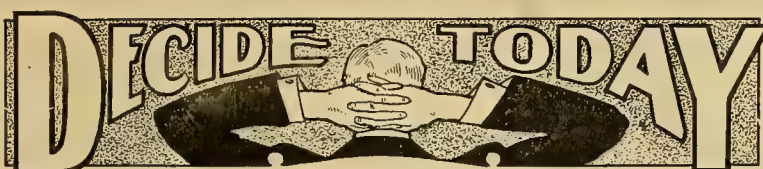
Harry Conn has the sympathy of the trade in the loss of his wife, whose death occurred Saturday, July 29.

James Curran, 2909 Archer avenue, is the proud owner of a new five passenger Kissell car.

H. N. Bruns, 3034 West Madison street, has a new panel top Overland delivery car.

Kennicott Bros. Co. reports a good demand for gladioli, which it is handling in quantity.

William Abrahamson is now connected with Wertheimer Bros., New York.



To Buy Your Stock
From Us For We Are
Particularly Strong On

ROSES--BEAUTIES--ASTERS--GLADIOLI--ETC.

CURRENT PRICE LIST—Subject to Change Without Notice.

Beauties.		Per doz.
Long stems		\$3.00
30 to 36-inch stems		2.50
20 to 24-inch stems	\$1.50 to	2.00
15 to 18-inch stems		1.00
12-inch stems .....		.75

Mrs. Chas. Russell.		Per 100
Extra fancy		\$15.00
Good medium	\$10.00 to	12.00
Good short	4.00 to	6.00

Roses.		
Ophelia, fancy	\$8.00 to	\$10.00
" good	5.00 to	6.00
" short	2.00 to	4.00
Killarney, fancy		8.00
" good	5.00 to	6.00
" short	2.00 to	4.00

		Per 100
Richmond, fancy		\$ 8.00
" good	\$5.00 to	6.00
" short	2.00 to	4.00
White Killarney, fancy		8.00
" good	5.00 to	6.00
" short	2.00 to	4.00
Ward, fancy		8.00
" good	5.00 to	6.00
" short	2.00 to	4.00
Sunburst, fancy		8.00
" good	5.00 to	6.00
" short	2.00 to	4.00
Killarney Brilliant, fancy		8.00
" good	5.00 to	6.00
" short	2.00 to	4.00
Roses, our selection		3.00

Carnations.		Per 100
Special fancy		\$3.00
Good	\$1.50 to	2.00

Miscellaneous.		Per 100
Callas	\$10.00 to	\$12.50
Easter Lilies, select	10.00 to	12.50
Orchids, Cattleyas, per doz. ..		7.50
Valley	4.00 to	5.00
Sweet Peas .....	.75 to	1.50
Gladioli	3.00 to	6.00
Asters	2.00 to	3.00
Dahlias	2.00 to	3.00

Greens.		
Asp. Plumosus	per string,	\$0.50
Asp. Plumosus Sprays	bunch, \$0.35 to	.50
Sprengeri	per bunch, .35 to	.50
Adiantum	per 100,	1.00
Smilax, choice	per doz., 1.50 to	2.00
Fancy Ferns	per 1,000, 2.00 to	2.50
Galax Leaves	per 1,000, 1.00	

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave. Chicago

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue L. D. Phone Randolph 631

CHICAGO

HEAVY SUPPLY

FINEST RUSSELL ROSES IN THE CHICAGO MARKET

REPEAT ORDERS FROM NEW CUSTOMERS ARE THE BEST TESTIMONIALS THAT OUR
RUSSELL ARE ALL THAT WE CLAIM THEM TO BE. TRY US ON YOUR NEXT ORDER.

Mention the American Florist when writing

Kyle & Foerster are doing fine in their present location and had an unusually brisk week, when everything available was disposed of at good summer prices.

Joseph Ziska & Sons report an unusually busy week in the wire department, the demand for funeral designs being very heavy.

Ernest Anderson, with Bassett & Washburn and family are spending their vacation on a fruit farm in Michigan.

GLADIOLI

Large supply of fancy stock in all the seasonal varieties.

M. C. GUNTERBERG, 158 N. Wabash Ave., CHICAGO, ILL.

Samuel Cohn, Otto W. Frese's private stenographer at Poehlmann Bros. Co.'s store, is enjoying his vacation in Michigan.

H. Natzke, 2336 West Nineteenth street, and family, are spending their vacation at South Haven, Michigan.

Chris. Blameuser, of Niles Center, has the sympathy of the trade in the loss of his brother, Matt, whose death occurred last week.

Miss O'Neil, bookkeeper for George Reinberg, will leave this week to enjoy a well earned rest.



PREPAREDNESS.

WE are prepared to take care of your orders for Roses, Carnations, Lilies, Callas, Snapdragons, Sweet Peas, Gladioli, Asters, Dahlias and all other miscellaneous seasonable outdoor flowers, Greens, Etc. You will get satisfaction every time if you place your orders here.

A. T. PYFER & CO.

WHOLESALE FLORISTS

30 East Randolph Street,

CHICAGO, ILL.

Long Distance Telephone—Central 3373.

The Foley Greenhouse Manufacturing Co. reports business as very good at its factory, 3100 South Spaulding avenue, which is an ideal location for shipping purposes, being located on a belt line with a switch that enables a car to be backed right into the receiving and distributing room. The factory is three stories high and everything is so arranged that not a foot of floor space is wasted and as one walks through the various departments he will notice that each machine is operated by a separate electric motor. A large stock of greenhouse lumber is on hand and a big quantity of hot bed sash ready for delivery is piled up in the warehouse, which enables the firm to fill an order practically as soon as it is booked. P. J. Foley will represent the Foley Manufacturing Co. at the Houston convention.

Allie Zech and wife have returned from a two weeks' automobile trip through the southwestern part of the state and parts of Wisconsin and report having had a most delightful time. Ed. Armstrong and wife were with them on their trip through the Badger state, where they found the fishing unusually good. They covered about 1,000 miles all told and Allie performed the remarkable feat of driving home from Princeton, Wis., without taking a rest and without a single mishap. Joe Erringer, of the Zech & Mann force, is spending his vacation in Michigan and Miss Nelda Wolf, who so capably attends to the office duties, will leave August 7 to enjoy a well earned rest.

M. C. Gunterberg is a strong booster for the Houston convention and has figures to prove that the Texas city is not as warm a place to go during the summer as some of the trade are inclined to believe, for the temperature there last week was not as high as it was right here or in certain cities in northern Wisconsin, which are recognized as one of the ideal resort districts by the many tourists who spend their vacations there each year.

Frank Johnson says that the A. L. Randall Company is having a big run on the new electric store fountain that it is handling in quantities in the supply department. Frank McCabe will represent this firm at the Houston convention, where it will have a large exhibit. Eric Johnson and wife are spending their vacation at Mackinac Island. Otto Goerich is also away on a two weeks' vacation.

Rudolph Kurowski, of the John C. Moninger Co., has been entertaining Chas. Meyer, of Pittsburgh, Pa., and A. Whithum, Cleveland, O., the past week, and even though the weather was exceedingly hot they had a good time for their guide knew where all the cool places were and the best of refreshments kept. Both of the visitors are in the vegetable growing business.

Several of the local growers report the loss of horses the past week from the intense heat and add that it was almost impossible for the men to work in the greenhouses, where the temperature registered between 125 to 140 degrees above. The cool spell, which set in July 31, was most welcome, and resulted in a sudden shortage of stock.

Miss M. C. Gunterberg, George Asmus, August Poehlmann, A. Henderson, P. J. Foley, W. J. Keimel, M. Barker, Fred Lautenschlager, John Kruchten, Frank McCabe, E. C. Pruner and August Lange and wife are some of the local people who will attend the Houston convention.

A. T. Pyfer & Co. will handle the output of Pyfer & Olsem's new range recently leased from Peter Nepper, which will be devoted principally to carnations. Mr. Pyfer will do his own bookkeeping the next two weeks, while Miss Parker is away on her vacation.

At Percy Jones' establishment asters and gladioli are the principal offerings and clean up almost as quickly as they reach the store. The shipping trade has been remarkably good all last week and there is no sign of it weakening at this writing.

Weiland & Risch are receiving many compliments unbeknown to them for the rose Champ Weiland, which they placed on the market this spring and which is destined to be a big factor in the market next fall.

J. A. Budlong is cutting a good supply of roses in all the leading varieties but trade has been so good the past week that Manager Schupp has experienced no trouble in disposing of the heavy cuts.

Milton Alexander, with Lion & Co., New York, is the proud father of a baby girl, which accounts for the happier than ever smile that he is meeting his local customers with this week.

Bassett & Washburn are having a splendid demand for Belle Washburn field grown carnation plants and from present indications this variety will be grown on a large scale next season.

Henry Arnold, with O. A. & L. A. Tonner, is expected back from Eagle River, Wis., this week, where he is spending his vacation.

Hoerber Bros. have had a good call for My Maryland roses all during the summer months. This variety is always in brisk demand at their store.

Wm. F. Schofield, 734 North State street, and family, are back from a delightful outing in northern Wisconsin.

Gust. Collins and family will take in the sights at Niagara Falls next week.

E. Liebermann is now with Victor Young & Co., North Clark street.

The E. F. Winterson Co. is handling a large supply of choice gladioli.

Visitors: Frank Gorly and wife, St. Louis, Mo.; Max Knees and wife, Moline; Julius Dilloff, representing Schloss Bros., New York; George Crabb, Grand Rapids, Mich.; Milton Alexander, with Lion & Co., New York; Vincent Gorly, St. Louis, Mo.; George Hampton, representing J. G. Neidinger Company, Philadelphia, Pa.; F. J. Foster, St. Louis, Mo.; Theo. Hefco and wife, Marshfield, Wis.

Pasadena, Calif.

Wm. and Colin Campbell visited the L. D. Waller Seed Co.'s establishment at Guadalupe, Calif., recently. They are growing a much larger line of florists' flowers than in previous years. The place was a blaze of color. Noteworthy were a carmine annual larkspur, a double cosmos and a double godetia, also schizanthus in separate colors, all of which looked good.

This city is already planning and working for its annual fall flower show, which promises to surpass all records. The Maryland hotel management have promised the use of their new palm garden, which will be an ideal location. Being under cover, a big display of tender flowers and plants is assured.

The Orchid Flower Shop reports good business in funeral work, though quiet along other lines. However, it is their opinion that trade is in a better condition than a year ago. All kinds of stock is reported plentiful.

Eldred's Flower Store also reports fair business, and a profusion of flowers.

Some of the street stands have closed for the summer.

G. H. H.

BIG CUT OF Specially Grown Summer Roses FOR ALL OCCASIONS

All the Best Standard and Novelty Varieties. Large Flowers
on All Lengths of Stems Well Laden with Splendid Foliage.



**Plenty of VALLEY and LILIES
ALWAYS ON HAND.**

You can increase your profits and business by sending all your orders direct to

**Quality
Speaks
Louder
Than
Prices.**

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

**ROSES, VALLEY
and CARNATIONS
A Specialty.....**

**WHOLESALE
Grower of**

GUT FLOWERS

**Prices
As
Low
As
Others.**

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Cincinnati.

DEMAND TAKES UP SUPPLY.

Business is fair. The demand for stock, while only a summer demand, is steady and is taking up the greater part of the receipts. All good and choice stock is moving readily, while the balance sells at times. Shipping trade is fairly good. Roses are not quite as plentiful as they have been. A good many are short stemmed, but the blooms generally are excellent. The cut of Easter lilies is sufficient for all present demands. Gladioli are in good supply and asters are now plentiful while rubrums are meeting with a good call. Other offerings include hardy hydrangeas, Lilium auratum, water lilies and snapdragons.

NOTES.

The workmen have finished the remodeling of C. E. Critchell's new store, and the painters are now getting to work.

The Cincinnati Cut Flower Exchange have moved to their new location, 10 East Third street.

Ed. Bonmeyer, of C. E. Critchell's force, was on his vacation last week.

Visitors: Martin Weber, Brookville, Ind.; Fred Rupp, Lawrenceburg, Ind.; E. E. Schaefer, Dayton, O., and Frank J. Farney, of M. Rice Co., Philadelphia, Pa.

H.

HOUSTON, TEX.—Additional lights are being placed in the convention garden so that visitors may enjoy its beauties in the evening and listen to the band concerts.

WINNETKA, ILL.—The third annual exhibition of the New Trier Horticultural Society, will be held at the County House, August 10. The premium list is ready and copies may be had on application to Carl Niemann, 1040 Oak street, Winnetka.

Special Summer Assortment



25 CUT FLOWER BASKETS

\$7.50

Many of the florists use them in their window displays to good advantage. Order Your Assortment Today.

RAEDLEIN BASKET CO.,

713 Milwaukee Avenue,

CHICAGO

Carnations

NEW CROP

Asters

S. MURATA & CO.,

OLDEST AND MOST EXPERIENCED
SHIPPERS IN SOUTHERN CALIFORNIA.

751 S. Broadway,

LOS ANGELES, CALIF.

Mention the American Florist when writing

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 No. WABASH AVE., CHICAGO
Telephone Central 466**Detroit.****WEATHER CONDITIONS VERY UNFAVORABLE.**

Florists, both growers and retailers, are now experiencing most trying conditions, due solely to the unprecedented heat and drouth. There has been no rain here worth mentioning for over six weeks and field crops of all kinds are suffering greatly. As a consequence outdoor flowers are very scarce, no item of the usual list being even in fair supply. The retailers are daily embarrassed because of their inability to fill the orders they receive, and at present there seems but little prospects of an early improvement in these conditions. Indoor stock, too, is also scarce and of poor quality and growers are sharing with the retailers the misfortune of both, traceable alone to weather conditions.

CLUB MEETING.

The club meeting, July 26, was held on the spacious lawn at J. F. Sullivan's residence, Gratiot avenue and Conners creek, and though the heat was unfavorable for the occasion, nevertheless the attendance was good. Henry Goetz, Jr., of Saginaw, Mich., was a visitor, and was here for the purpose of getting the co-operation of our club in his efforts to form a state organization of florists. The project was thoroughly discussed and favorable action taken. A committee was appointed, consisting of M. Bloy, Joseph Streit and J. K. Stock to confer with similar committees already at work on the matter in Grand Rapids and Saginaw. Eli Cross is the chairman in the former city and Henry Goetz, Jr., in Saginaw. Mr. Goetz is enthusiastic and most hopeful for an organization in this state similar to that of Illinois.

NOTES.

The Michigan State Fair Association, desiring to stimulate greater interest in its floricultural department at its annual exhibition, has enlisted the co-operation of the local florists' club, and on the latter's suggestion a new building is being erected on plans drawn by Wm. Dilger to properly show and care for plants and flowers. The premium list, too, was made up to meet the ideas of the local florists and this encouragement, it is believed, will result in many florists here and throughout the state being large and regular exhibitors at these annual shows.

Joseph Streit, late of Buffalo, who now has the Taepke greenhouses, on McLellan avenue, is hard at work preparing stock for the local trade.

The McHugh Floral Co., for many years on Michigan avenue, has moved to a new and modern store on Grand River avenue, near Jones street.

Very little interest is shown here in the approaching S. A. F. convention at Houston, Tex. It is not likely any one from this city will attend.

Walter Taepke, Jack Carey, Jr., and Norman Sullivan, who took an auto trip east, are now back, much delighted with their journey.

The death of John W. Poehlmann is much regretted by the trade here where he was so well and favorably known.

Robt. Rahaley is now summering on the Canadian shore above Walkerville, making his daily trips to the city by auto.
J. F. S.

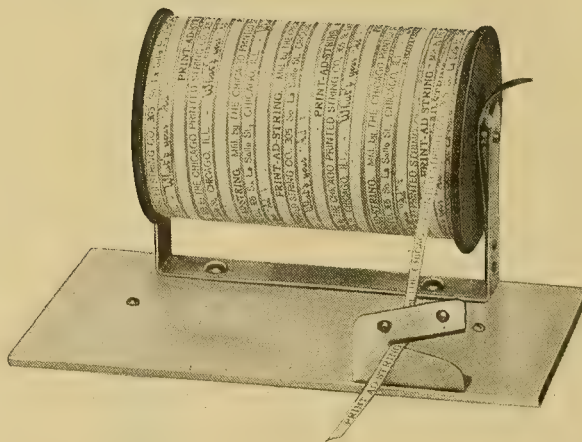
Print-Ad-String

For Flower Boxes



PRINT-AD-STRING is manufactured in all color designs (to match your boxes), and in any width up to $\frac{1}{2}$ inch. It is made of the same material as twine, consequently not more expensive.

PRINT-AD-STRING makes your packages look neat and attractive, and gives you miles of advertising at almost no expense.



Beautiful, heavily nickel plated reel holders with cutter attachment, **FREE** with first order.

Write for Free Color Card, Samples and Prices.

Chicago Printed String Co.

307 So. La Salle St.,

CHICAGO, ILLINOIS.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. Phones Central 1977 and 1978.

Mention the American Florist when writing

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

HOERBER BROS.

Wholesale **Cut Flowers**
Growers of

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave.,

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.



Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST. Per doz.

Roses, Beauty, specials	\$5 00
" " 36-in.	4 00
" " 30-in.	3 00
" " 24-in.	2 50
" " 20-in.	2 00
" " 18-in.	1 00
Per 100	
" Mrs. Chas. Russell.....	\$4 00@15 00
" Beauty, short	4 00@6 00
" Hoosier Beauty	2 00@10 00
" Killarney Brilliant	2 00@10 00
" Killarney	2 00@10 00
" White Killarney	2 00@10 00
" Richmond	2 00@10 00
" Prince de Bulgarie.....	2 00@10 00
" Rhea Reid	2 00@10 00
" My Maryland	2 00@10 00
" Mrs. Geo. Sawyer	2 00@10 00
" Milady	2 00@10 00
" Sunburst	2 00@10 00
" Mrs. Aaron Ward	2 00@10 00
" Hadley	2 00@10 00
" Ophelia	2 00@10 00
" Double White Killarney ..	2 00@10 00
" Mrs. Moorfield Storey ..	2 00@10 00
" Champ Weiland	4 00@10 00
" Stanley	3 00@10 00
" Tipperary	3 00@10 00
" Frances Scott Key	3 00@10 00
" Bayard Thayer	3 00@10 00
" Cecile Brunner	2 00@3 00
" George Elgar	2 00@3 00
" Baby Doll	2 00@3 00
" Fireflame	4 00
" Our selection	3 00
Carnations	1 00@3 00
Cattleyas	per doz., 6 00@7 50
Asters	2 00@3 00
Dahlias	3 00
Lilium Harrisii	10 00@12 50
Sweet Peas	75@1 50
Valley	3 00@6 00
Adiantum Croweatum	1 00@1 50
Snappdragons	per doz., 75@1 50
Daisies	1 00@3 00
Calendulas	3 00@4 00
Ferns	per 100, 1 50@3 00
Galax	1 00@1 25
Leucothoe	75@1 00
Mexican Ivy	per 1000, 5 00@6 00
Plumosa Strings	each, 60@75
Smilax	per doz., 2 00@2 50
Sprengerii, Plumosa Sprays ..	3 00@4 00
Boxwood, 25clb per case	7 50

THE BOOK OF GLADIOLUS



THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, \$1.25

AMERICAN FLORIST CO.
440 So. Dearborn St.
CHICAGO.

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

Mention the American Florist when writing

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

Mention the American Florist when writing

FIELD-GROWN CARNATION PLANTS

White Enchantress, White Perfection, White Wonder, Alma Ward, Matchless, C. Akehurst, C. W. Ward, Alice, Light and R. Pink Enchantress, Enchantress Supreme, Philadelphia, D. Gordon, Champion, Beacon, Victory.

Let us know your requirements and we will submit prices.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

DEMAND EXCEEDS THE SUPPLY.

For the season of the year there is a very fair amount of work, the demand being really greater than the supply. All high grade stock is scarce, particularly roses, the quality of which is now about at the lowest ebb. Double White Killarney holds out fairly well, while those who still grow Kaiserin have much to be thankful for, as they are now the best white and bring the highest price. Some fair Hadley and Hoosier Beauty are offered with Ophelia and Mrs. Ward next in favor. Asters are now beginning to make themselves felt, and although a couple of weeks late on account of being spoiled by the copious rains, will from now on be a strong factor. Gladioli are in good demand; they clean up every day now, while a year ago they were a drug on the market. Cattleyas are to be had in quantity and there is lily of the valley enough, except for an extra demand. All the wholesale men say they have a good out-of-town trade, rather better than is usual for the season.

CLUB MEETING.

The lecture of Cornelius F. Roland, representing the National Tube Company, was the feature of the August meeting of the florists' club, giving in moving pictures a very comprehensive idea of how steel pipe is made, from the time the ore is taken from the ground, through all the various manipulations, until the finished product is produced. Mr. Roland explained lucidly the many processes as they were thrown on the screen. It was a wonderful series of pictures, very instructive to the rather small audience of about 50 members. A very enjoyable address was also made by J. K. M. L. Farquhar, of Boston, who being in town, attended the meeting. He spoke of the great value of the plants introduced from China by Mr. Wilson for the Arnold Arboretum. Lillium regale was especially mentioned; also the new buddleias and other plants, which were all very valuable, especially a hardy cedar of Lebanon. He said the time was coming when men would look at horticulture as a beautiful art to be engaged in for other than material gain—a means of beautifying this country and making it a better place to live in. He was roundly applauded for his inspiring address.

NOTES.

S. S. Pennock, president of the American Rose Society, is much encouraged in the responses to his appeal for the fund to help the authorities at Cornell, who are investigating diseases of the rose. A thousand dollars were asked for and up to August 1 over \$700 of this had been subscribed and the balance Mr. Pennock thinks will be but the matter of another week or so. There is some very cheery news for those interested in the rose—something as yet under cover, that will add very materially to the pleasure of those attending the annual meeting in Philadelphia in March next.

The Robert Craig Co. is doing a large business, furnishing growers in quite a large part of the country with

Wholesale Flower Markets

BOSTON, Aug. 2.		Per 100
Roses, Beauty.....	20 00@25 00	
" Killarney Queen.....	2 00@ 8 00	
" White and Pink Killarney.....	2 00@ 8 00	
" Double White Killarney.....	2 00@ 8 00	
" Killarney Brilliant.....	4 00@10 00	
" Hadley.....	4 00@10 00	
" Cardinal.....	2 00@ 8 00	
" Mock.....	6 00@12 00	
" Mrs. Chas. Russell.....	6 00@12 00	
" Sunburst.....	6 00@12 00	
" Taft.....	2 00@ 8 00	
" Milady.....	2 00@ 6 00	
" Ward and Hillingdon.....	2 00@ 8 00	
" My Maryland.....	50 @ 5 00	
Cattleyas.....	50 00@75 00	
Lily of the Valley.....	4 00@ 5 00	
Sweet Peas.....	50 @ 1 00	
Carnations.....	1 00@ 2 00	
select.....	2 00@ 3 00	

BUFFALO, Aug. 2.		Per 100
Beauty Special.....	20 00@25 00	
" Fancy.....	15 00@20 00	
" Extra.....	10 00@12 00	
" First.....	8 00@10 00	
" Second.....	2 00@ 4 00	
Roses, Killarney.....	3 00@ 6 00	
" White Killarney.....	3 00@ 6 00	
" My Maryland.....	3 00@ 7 00	
" Killarney Queen.....	3 00@ 6 00	
" Richmond.....	3 00@ 8 00	
" Sunburst.....	3 00@ 6 00	
" Ward.....	2 00@ 5 00	
" Taft.....	3 00@ 8 00	
" Ophelia.....	3 00@ 8 00	
" Shawyer.....	3 00@ 6 00	
" Bon Silene.....	2 00@ 3 00	
Lily of the Valley.....	4 00@ 6 00	
Lilies.....	8 00@10 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 00@ 2 00	
Gladiolus.....	3 00@ 4 00	
Asters.....	1 00@ 2 00	
Asparagus Sprengeri.....	35 @ 50	
Ferns.....	per 1000, 2 00	
Smilax.....	15 00	

CINCINNATI, Aug. 2.		Per 100
Roses, Beauty.....	per doz., \$0 75@ \$4 00	
" Killarney.....	2 00@ 6 00	
" My Maryland.....	2 00@ 6 00	
" Richmond.....	2 00@ 6 00	
" Taft.....	2 00@ 6 00	
Lilium Gigantum.....	6 00@10 00	
Asparagus Plumosus.....	per bch., 25c	
Orchids.....	per doz., 6 00	
Gladiolus.....	2 00@ 4 00	
Sweet Peas.....	25 @ 50	
Shasta Daisies.....	1 00	
Snapdragons.....	2 00@ 4 00	
Asters.....	1 00@ 2 00	

stock for growing on—Dracenas, crotons, rubbers in the newer sorts and a host of nephrolepis ferns. The John Wanamaker and a sport from Teddy, Jr., are much in demand. Their stock of cyclamens was never in better shape. These and young flowering begonias are leaders in the flowering section.

Edward Reid points with pride to his Kaiserin roses, which are in the A1 grade and coming in quantity. He is well stocked with asters, the best in the market. On his recent southern trip, a bridge over which his train passed at Camden, S. C., was washed away about six hours after.

H. M. Weiss & Son, Hatboro, Pa., are benching the finest lot of carnation plants they have ever had; over 70,000 have been set out on the benches and more are to follow. The principal varieties are Alice, Gorgeous, Pink Ward, Matchless and White Ward.

The Leo Niessen Co. also finds stock scarce; asters and gladioli, so plenti-

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET,
BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

Mention the American Florist when writing

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley

ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

ful at this time a year ago, are much later than usual. Asters are 40 per cent lower in supply than last season. American Beauties, cattleyas and lily of the valley are features.

The Martin Flower Shop, 1725 Chestnut street, closed its doors on Monday last. The business is for sale. This has been a flower stand for 30 years and is a good opening for anyone desiring a high class retail establishment in this city.

H. W. Barton and J. C. Rone have entered into partnership and rented the greenhouses at Sixtieth and Gibson avenue. The firm name is Burton & Rone. They will grow a general line of bedding plants along with cut flowers.

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and Greens

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers at Kansas City. Let us supply your wants. If on the market, we can furnish it. Get our prices before placing order. We guarantee satisfaction.

1016-1018 McGee Street
KANSAS CITY, MO.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

A very pretty flower seen in the commission houses is *Sabbatia stellaris*, or sea pink, a very pretty wild flower found growing in quantity in the meadows all along the coast. It finds a good demand.

Berger Brothers find the demand better than the supply, all desirable flowers being quite scarce. Good gladioli and My Maryland roses are features.

K.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in
FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 206

444-446 Milwaukee St., Milwaukee, Wis.

New Fancy Ferns

Special picked. Leave your regular orders with us.

Fancy Lily of the Valley, Orchids, Gladioli, Lilies and all other seasonable flowers.

FLORISTS' SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist,
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Aug. 2.		Per 100
Roses, Beauty, extra.....	20 00@25 00	
first.....	10 00@15 00	
Mrs. Chas. Russell.....	8 00@15 00	
Killarney.....	2 00@ 4 00	
White Killarney.....	2 00@ 8 00	
Liberty.....	5 00@10 00	
Hadley.....	4 00@12 00	
Sunburst.....	3 00@ 8 00	
Ophelia.....	3 00@ 8 00	
Hoosier Beauty.....	4 00@12 00	
Carnations.....	2 00@ 4 00	
Cattleyas.....	35 00@50 00	
Lilium Harrisii.....	6 00@ 8 00	
Asters.....	2 00@ 4 00	
Gladioli.....	6 00@ 8 00	
Larkspur.....	4 00@ 6 00	
Asparagus.....	per bunch, 50	

PITTSBURGH, Aug. 2.		Per 100
Roses, Beauty, special.....	25 00	
fancy.....	20 00	
extra.....	15 00	
No. 1.....	8 00	
Killarney.....	2 00@ 8 00	
My Maryland.....	2 00@ 8 00	
Sunburst.....	2 00@ 8 00	
Mrs. Aaron Ward.....	2 00@ 5 00	
Richmond.....	3 00@ 8 00	
Cattleyas.....	30 00	
Lilium Gigantum.....	8 00	
Carnations.....	1 50@ 2 00	
Adiantum.....	1 25	
Asparagus Sprengeri, per bunch.....	35@40	
Sweet Peas.....	50	
Asters.....	1 00@ 2 00	
Gladioli.....	2 00@ 4 00	
Water Lilies.....	2 00	

MILWAUKEE, Aug. 2.		Per 100
Roses, Killarney and W. Killarney.....	2 00@ 8 00	
Ward.....	2 00@ 8 00	
Mrs. Chas. Russell.....	4 00@15 00	
Ophelia.....	3 00@ 8 00	
Hoosier Beauty.....	3 00@ 8 00	
Lilies.....	8 00@10 00	
Cattleyas.....per doz., 6 00		
Sweet Peas.....	25@ 50	
Carnations.....	1 00@ 2 00	
Snapdragons.....doz....\$0.25@50		
Gladioli.....	4 00@ 5 00	
Rubrams.....	4 00	

DAVID WELCH

EDWARD J. WELCH

WELCHS'
WHOLESALE AND
COMMISSION FLORISTS

FLORISTS' SUPPLIES
280 and 282 Devonshire St.,
BOSTON, MASS.

Consignments of Beauties, Lilies of the Valley, Orchids and all other flowers received daily.

Telephone—Court Hill 2964, 2965.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist.

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

St. Louis, Aug. 2.		Per 100
Roses, Killarney.....	1 00@ 4 00	
White Killarney.....	1 00@ 4 00	
Aaron Ward.....	1 00@ 4 00	
Sunburst.....	2 00@ 6 00	
Ophelia.....	2 00@ 6 00	
Cecile Brunner.....	2 00	
Richmond.....	1 00@ 00	
Valley.....	4 00	
Lilies.....	8 00	
Asparagus Plumosus, per bu., 25@75		
Ferns.....per 1000, 1 50		
Bronze Galax.....per 1000, 1 00		

New York.

DEMAND ALMOST IMPERCEPTIBLE.

Business was very quiet during the past week; so quiet, in fact, that at times its movement was almost imperceptible. Heavy rains, with intense humidity during the early days of the week made life uncomfortable. There has been very little good stock on the market, but considering the light demand, there has been about enough to supply it. Cattlyeas are somewhat light in supply and the best are up to 50 and 60 cents per flower. Lilies are also in light supply and are selling at 5, 6 and in some instances, 8 cents per flower. Lily of the valley, as one dealer said, July 29: "was laying around here all the week, but was scarce today", but it is likely to be a temporary scarcity. There is considerable American Beauty stock arriving, but most of it is poor and the best goes at the rate of \$20 per 100. In tea roses, there is some good stock, for the season, which is quickly taken, but much rose stock is wide open when it reaches the market. There is a fair supply of asters, but many of them are poor. Good gladioli are now plentiful and they move fairly well. The carnations, to drop into the vernacular of the ring-side, have taken the count. There are a few on the market, but they are not factors.

July 31.—The arrival of stock is very light this morning, and what is good is generally taken. The weather, which has been cool for the past three days, is again warming up, and old "General Humidity" is said to be again moving his forces in from the west.

NOTES.

In the great explosion that rocked this city to its foundation, Sunday morning, July 30, the florists and seedsmen came in for their share of damage. The plate glass fronts of the stores of P. J. Smith and Walter F. Sheridan, 131 and 133 West 28th street, were blown out. A. H. Langhar's establishment, at 130 West 28th street, was also damaged. At the seed store of Peter Henderson & Co., 35 Cortlandt street, several large plate glass windows were broken. The Stumpp & Walter Co., 30 Barclay street, and Burnett Bros., 98 Chambers street, suffered similar damage. At the A. T. Boddington Co., Inc., establishment, 128 Chambers street, a skylight was blown in and S. D. Woodruff & Sons, 82 Dey street, escaped with the loss of a few panes of common glass. On Cortlandt, Barclay and other streets that end at the harbor, the damage was heavy, in the loss of plate glass. The front of the retail store of W. G. Elliott, 135 Monticello avenue, Jersey City, was blown out. In proportion to its size and the property involved, Jersey City suffered most. The damage to greenhouse property was comparatively light. In comparison with other buildings, the greenhouses are low and the frames will expand under pressure. The range of Robert Leach, 676 Garfield avenue, Jersey City, stands on a hillside directly opposite the scene of the explosion, but about a mile distant. It was considerably damaged, but not demolished as might have been expected. The windows in the brick residence of Henry Leach directly across the avenue from the greenhouses, had practically every window broken and the family had to move out. Ocean, Jackson, Monticello, and other avenues and streets of Jersey City, were scenes of destruction, relating to glass. Among the trade in Brooklyn, James Weir, Inc., and John V. Phillips, both on Fulton street, suffered slight property damage.

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

Mention the American Florist when writing

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of
its Best Growers.

Under the caption: "Surf rose-laden," a local newspaper tells of cases of rose bushes having floated ashore at Long Beach. Our contemporary sagely remarks that: "When it was learned no wreck had occurred some one volunteered the information that the bushes were Holland rose bushes, normally worth at least \$1 apiece, and that their importation into this country is forbidden because of some insect which lodges in them. Probably some incoming ship, finding she could not land the shrubs, threw them overboard. Insects or no insects, however, the beach was filled with crowds of summer resorters, who gathered the rose bushes and carried them away to plant them." We do not think they were thrown overboard on account of insects, but here is a question, "Will salt water kill insects?"

W. G. Badgley, of Badgley & Bishop, Inc., who is also mayor of Chatham, N. J., had quite an experience, July 28. Five young people in a canoe on the Passaic river, which flows through Chatham, were swept to the dam and four went over and were drowned. Mayor Badgley and a policeman went into the river and swam down a mile and a half in a heroic attempt to recover the bodies.

George W. Crawbuck, Inc., 75 West 28th street, is receiving good roses from the Budlong range, Auburn, R. I., lilies from Klugman & Schnerow, Brooklyn, and very fine stock of Gladiolus America from the Stone Greenhouses, Blue Point, L. I., N. Y. George W. Crawbuck is on a trip to Rhode Island.

Calling recently on Nat. Bernstein, 1081 Lexington avenue, we found him busy. He is one of the veteran retailers of the east side and has a large acquaintance. He is also a humorous entertainer, and has appeared before the New York Florists' Club and many other organizations.

Jack Trepel, buyer for his brother Joseph's chain of Brooklyn stores, has with his wife, made the overland trip to California by automobile and they are now touring the Pacific coast. They visited the Rocky mountains national park and other points of interest on their way west.

On July 24, an automobile that had become unmanageable, smashed through the show window of the Garden Florist store, 2556 Broadway. The occupants of the store had a narrow escape and the damage to the establishment amounted to several hundred dollars.



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Wholesale Florists

Have twenty-two years experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

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INC.
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2037 NEW YORK

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64 West 26th St., NEW YORK

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20 years experience

Consignments Solicited and Prompt RETURNS GUARANTEED.

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Telephone:
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BADGLEY & BISHOP, Inc.
Successors to Badgley, Riedel & Meyer.
Phones { 1664 } Madison Square, 34 W. 28th St., New York
{ 1665 }
Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
Wholesale Florists
25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
PHONES—4024 and 4025 MADISON SQUARE

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Wholesale Commission Florist
Consignments Solicited
104 West 28th St., NEW YORK
Telephone No. 2264 Farragut.

Walter F. Sheridan
Wholesale Florist
Telephone Call:
3532-3533 Farragut 133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and
Seasonable Flowers.

HORACE E. FROMENT
WHOLESALE COMMISSION
American Beauty Roses a specialty. Roses,
Violets, Carnations, Valley, Lilies, Etc.
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Telephone 7362 Madison Square
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WHOLESALE FLORIST
109 West 28th St., NEW YORK
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Goldstein & Futterman
WHOLESALE FLORISTS
The Right People to Deal With.
102 West 28th St., New York

Wholesale Flower Markets

NEW YORK, Aug. 2.		Per 100
Roses, Beauty, special.....	8 00@20 00	
" " extra and fancy.....	4 00@ 6 00	
" " No. 1 and No. 2.....	2 00@ 3 00	
" Prima Donna.....	1 00@ 3 00	
" Alice Stanley.....	50@ 4 00	
" Francis Scott Key, special.....	12 00	
" Mrs. Geo. Shawyer.....	50@ 4 00	
" White Killarney, special.....	3 00@ 4 00	
" Killarney, My Maryland.....	3 00@ 4 00	
" " special.....	3 00@ 4 00	
" " No. 1 and No. 2.....	25@ 1 01	
" " Queen.....	50@ 4 00	
" " Brilliant.....	25@ 4 00	
" Aaron Ward.....	50@ 5 00	
" Richmond.....	25@ 4 00	
" Sunburst.....	25@ 4 00	
" Taft.....	50@ 4 00	
" J. L. Mock.....	1 00@ 6 00	
" Ophelia.....	25@ 5 00	
" Mrs. Chas. Russell.....	1 00@ 5 00	
" Ulrich Brunner.....	1 00@10 00	
" Cattleya Orchids, special.....	60 00@75 00	
" " inferior grades.....	25 00@35 00	
" Lilies, Longiflorum and Harrisii.....	5 00@ 6 00	
" Lily of the Valley.....	1 50@ 4 00	
" Carnations.....	50@ 1 50	
" Adiantum Croweanum and		
" Hybridum.....	1 50@ 2 50	
" Asparagus Plumosus..... doz. bchs.	1 00@ 1 50	
" Smilax..... doz. strings.....	50@ 60	
" Sweet Peas, orchid flowered.....	15@ 20	
" Gladiolus America.....	1 50@ 2 00	
" " inferior grades.....	50@ 80	
" Asters.....	1 00@ 2 00	

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
Telephones: Farragut { 4422
{ 4423
PERCY W. RICHTERS, Manager.
Mention the American Florist when writing

HOUSE OF FERNS
Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.
Mention the American Florist when writing

Frank H. Traendly Charles Schenck
Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
Between 26th and 27th Sts.
Telephones: 798 and 799 Farragut.
Orchids, Roses, Carnations and all the other
best products of the leading growers.
Consignments solicited.
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WM. KESSLER,
Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
Phone 2336 Farragut Shipments Everywhere
Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales
at 6 o'clock every morning.

Desirable well space to rent for advertising.

V. S. DORVAL. Secretary.

The Kervan Company
FRESH CUT EVERGREENS
and Mosses. Decorating Material for
Florist Trade at Wholesale.

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119 West 28th Street NEW YORK

George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.

M. C. Ford
121 WEST 28th STREET
NEW YORK
Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
A complete assortment of the best in the
market can always be relied upon.

Telephone Farragut 634, 3066

HERMAN WEISS
Wholesale Florist
106 W. 28th St., NEW YORK

GEO. W. CRAWBUCK, Pres.

George W. Crawbuck Co.
(INC.)
Wholesale Commission Florists
75 WEST 28th STREET, NEW YORK
Telephone, Madison Square 5296.



JOIN THE LEADERS

We supply the leading florists throughout the United States who recognize Arnold Boxes as those which best fill their needs as to Quality, Style and Price. Prices quoted and samples sent on request.

A. A. ARNOLD PAPER BOX COMPANY

1302-1308 West Division Street,

CHICAGO

Waldron Bishop, of Badgley & Bishop, Inc., who has been at his cottage at Atlantic Highlands, N. J., for several weeks, is again at business. John Eigenbrod, head salesman for this firm, has gone to the Adirondacks for a month.

The fishing trip of the bowling club to Barnegat Bay was very successful. They caught one shark and many other innocent fish. The official historian of the trip has not yet completed his labors, but we expect a report from him soon.

William C. Mansfield and wife, of 1184 Lexington avenue, are summering at their camp in the Maine woods. James Wallace, who is in charge of the store, is very anxious over the serious illness of his eight year old son.

Thomas Doganges, 695 Columbus avenue, now has a very attractive show window. There is a fine aquarium stock with gold fish, a miniature statue of Liberty, the whole being encircled by a scenic railway.

Henry Hof, formerly in Abram & Straus' flower department, opened an attractive store of his own at Nostrand and Marcy avenues, Brooklyn, about three months ago, and seems to be doing well.

Henry Hart, of 1000 Madison avenue, is spending the summer at Edgemere, L. I., where he has a summer hotel, but there is a capable force of men and women at the Madison avenue store.

Callas Brothers, Nostrand avenue and Bergen street, Brooklyn, have a fine store and a good business. They have recently been entertaining a florist friend from Kansas City, Mo.

Mrs. F. Pollachek, wife of the "Lenox Hill Florist," is on vacation at Schroon Lake in the Adirondacks. On her return, her husband will take a vacation at Atlantic City.

Mrs. William H. Long, of 412 Columbus avenue, is spending the summer with her parents, Captain and Mrs. Alexander Fraser, at Bras'd'Or Lake, Cape Breton, Nova Scotia.

One of the clever Brooklyn retailers Mrs. Edna W. Terris, proprietor of the Flower Basket Shop, 147 West 44th street, has sailed for the West Indies to make a collection of tropical plants.

recently visited is Frank G. Seymour, 17 McDougal street. He has a very neat store and seems prosperous.

At the store of Goldstein & Futterman, 102 West 28th street, we have recently noticed fine gladioli, asters and a variety of other stock.

The Plaza Floral & Fruit Co., is the title of a new venture recently launched at 698 Lexington avenue, corner of 57th street.

George J. Polykranas, the wholesaler, went to Sullivan county, N. Y., July 29 to visit his family, who are summering there.

Myer Othile, of Riedel & Meyer, Inc., 49 West 28th street, has returned from his vacation, wearing a fine coat of tan.

Guttman & Raynor, Inc., 101 West 28th street, are handling good roses, lilies, asters and a variety of other stock.

Landscape Gardening



PROF. BEAL.

A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

Send for catalogue. Address

The Home Correspondence School
Dept. C. F., Springfield, Mass.

Fred Muchmore, 1164 Fulton street, Brooklyn, says that business is as good as can be expected at this season.

E. J. Hession and family, 984 Madison avenue, are spending the summer at Atlantic City.

John Curry, 1118 Lexington avenue is on vacation at Yorktown Heights, N. Y., A. F. F.

Louisville, Ky.

FAIR BUSINESS FOR SEASON.

Business has been fairly good considering the extremely warm weather. Mrs. Charles Russell and Kaiserin roses are the best sellers at present, although lilies and gladioli of good quality are meeting with ready sale. Asters are arriving, principally the Queen of the Market variety, and while not of extra quality are much used in design work and are disposed of.

NOTES.

August Baumer's delivery car is on the job again after having a wheel amputated in a recent collision. Luckily no one was seriously hurt.

Professor Ernest Walker, state entomologist of Alabama, has returned to his home at Auburn, after a visit with relatives in this city.

F. H. Hustedt, carnation grower, is completing a residence at his range near Jeffersonville, Ind.

Brady & Bryant are completing a packing and storage room for cut flowers.

A. Rasmussen and family are spending their vacation at Bay View, Mich.

Visitors: W. W. Randall, representing the A. L. Randall Co., Chicago; R. R. Harris, Huntsville, Ala.

H. G. W.

Montreal.

The annual outing of the gardeners' and florists' club, which was held at Otterburn park, July 26, was a most successful and enjoyable affair. The special train carried about 150 to the grounds which were in fine condition and the refreshing breezes from the river offset the heat of the day. A good programme of sports had been arranged and the events were all keenly contested, a baby show with 20 entrants, being a feature.

J. L.

The Chrysanthemum Manual

By Elmer D. Smith.



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Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Briggs Floral Co., Chicago.
Brooklyn Cut Flower Market, Brooklyn, N. Y.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Comley, Henry R., 6 Park St., Boston, Mass.
Cooke, Geo. H., Conn. Ave. and L. Washington.
Dard's, 44th and Madison Ave., New York.
Dominion Floral Co., The Montreal, Quebec.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
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Eyes, 108 State St., Albany, N. Y.
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Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
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Furrow & Co., Oklahoma City, Okla.
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Hess & Swoboda, Omaha, Neb.
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SEKI BROS. & CO.

Wholesale and Retail Florists

We grow All kinds of Decoration
our own flowers a Specialty

Phone A-2550 229 W. 4th Street

PYFER & OLSEM

WILMETTE, ILLINOIS

Careful attention to all mail or telegraph orders for delivery in Wilmette—Chicago's North Shore Suburb—Evanston, Kenilworth, Winnetka, Glencoe, Lake Forest.

LEWIS HENDERSON, Florist

1814 Douglas St., OMAHA, NEB.

Member of Florists' Telegraph Delivery.

Lang Floral & Nursery Co., Dallas Texas

1303 Main Street

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

Sedalia, Missouri.

Archias Floral Co.

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

Members of Florists' Telegraph Delivery.

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

Cleveland, O.

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of Florists' Telegraph Delivery.

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Members of Florists' Telegraph Delivery.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

Chicago.

D. F. SIMONDS
J. R. BUTZOW

OGDEN FLORAL CO.

1917 Harrison St.

We are Located Near Seven of Chicago's Leading West Side Hospitals and Can Fill all Orders properly on short notice. L. D. Phone, West 722

Mention the American Florist when writing

PROVIDENCE, R. I.

T. J. JOHNSTON & CO.

NEW ENGLAND PORTS. 171 WETBOSSET ST., PROVIDENCE

Mention the American Florist when writing

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President;
F. W. Bolgiano, Washington, D. C., First
Vice-President; L. L. Olds, Madison, Wis.,
Second Vice-President; C. E. Kendel, Cleve-
land, O., Secretary and Treasurer. Thirty-
fifth annual convention, June, 1917.

MICHIGAN bean growers believe the crop is damaged by heat and drought.

VISITED CHICAGO: Lawrence S. Payn, representing Simon Louis Freres & Co., Bruyeres-le-Chatel, France.

LAKE FOREST, ILL.—D. D. P. Roy, Chicago, has opened a seed store here in the new Arcade building.

VAUGHAN'S SEED STORE is shipping Lilium Harrisii both at Chicago and New York this week and says L. Formosum and French bulbs will be on hand next week.

ONION SETS.—The continued drought has been of no benefit except to help the quality and give a crop of small sets, but continued dry weather will certainly reduce the crop in bulk.

MEMBERS of the seed trade will be up against very high prices for their catalogue paper for spring 1917. Prices are reported to be double last year's. One large eastern house is reported to have paid \$8.50 per 100 pounds for paper for its next season's catalogue.

GRAND RAPIDS, MICH.—A. J. Brown, of the A. J. Brown Seed Co., is out on a crop inspection tour. Pea conditions are reported favorable to an average crop while the bean situation is discouraging on account of the protracted dry weather.

HELENA, MONT.—In the early mining days virgin gold was freely used in payment of bills but nowadays such transactions are rare. Recently, however, the State Nursery Co., of this city, received a gold nugget worth \$65 in payment of a seed and plant bill.

ROCKY FORD, COLO.—Reports of June 22 indicate that the condition of the garden beans growing in this district is very fine, and barring hail storms the harvest should be good. Dry land crops are reported less favorable. It is very hot and dry, with no rain since last August, but plenty of ditch water.

Burpee Estate Over Million.

Doylestown, Pa., July 20.—Appraisers of the estate of the late W. Atlee Burpee, Philadelphia, have filed an inventory in the register of will's office, which appraises the estate at \$1,211,990.62, including real estate valued at \$298,450. The Fordhook Farm, property, the Burpee home here, is appraised at \$122,500.

Crosman Bros. Co., Rochester, N. Y.

Crosman Bros. Co., Rochester, N. Y., advise that the statement in our issue of July 29, page 84, to the effect that their business will be discontinued is an error and we are pleased to make this correction. This firm, established in 1838, is still doing business with office and wholesale house at 903 Monroe avenue and retail store at 355 Main street east.

Bolgiano & Son, Baltimore, Md.

One of the largest seed houses in the United States is that of J. Bolgiano & Son, located at Pratt, Light and Elliott street, Baltimore, Md. Field, flower and garden seeds are handled by this firm on a very large scale, and in season, bedding plants, shrubbery of all kinds and dormant and pot roses are also disposed of in immense quantities. The sale of 1,000 six-inch pot roses in a single day is not an uncommon occurrence at this establishment. This firm believes in advertising and entire pages in the Sunday papers are used in calling attention to special sales; liberal space is also taken during the week.

The quality of the seed and its fertility is safeguarded by a laboratory on the fourth floor of the building. This



A. T. Ferrell, Saginaw, Mich.

The Well Known Head of A. T. Ferrell & Co., Manufacturers of the Celebrated "Clipper" Cleaners, as He Appeared at the Chicago Convention. From Pencil Sketch Made on the Spot, Showing the Unmistakable "Things Coming My Way" Smile.

is equipped with the latest appliances for sorting, grading, germinating, and in every way determining the quality of all varieties. Records are kept of the results of the analyses and these are often found very useful for reference. To show percentage of germination, the seeds placed between moist blotters or wet cloths in germinating cabinets, soon show their value in this respect. Some state laws are more stringent than those of the United States government, and too much care cannot be taken to keep up to the required standard. An electrically driven chaff separator with vertical air blast, capable of handling the most delicate seeds, is a very interesting feature. This department is under the supervision of Miss Jessie L. Anderson, seed analyst, who has had special training for the work. The firm does all of its own printing on the premises, having the latest appliances in this line; only the binding of catalogues is done outside. The poultry large scale, as many as 50,000 chicks department is also conducted on a

having been sent out since February last.

At the large storage warehouse, Key highway and Baltimore harbor, there are immense quantities of fertilizers and field seeds. Here there is also elaborate machinery for cleaning and bagging the seeds; one machine will weigh and bag the seeds while another attachment sews the container. Six hundred bags are handled in an hour by this piece of mechanism—more than three men could do in a day. A scarifying machine cracks or scars the hulls of some seeds, enabling them to germinate much faster. In the winter 75 to 100 carloads of onion sets are kept on racks in this warehouse, and when sorted, they are carried out on a belt conveyor over a long table, on either side of which a number of girls eliminate the imperfect sets. A moving platform, the entire length of the warehouse and wharf, is a feature. Articles loaded on this from the barges are carried as far as desired. It is operated by electricity and has been found most economical.

Twelve salesmen in Ford automobiles are on the go all the time, covering the trade within 50 miles of the city. The business was established 98 years ago and is now being directed by the fourth generation, the owner now being Charles J. Bolgiano. K.

Leonard Seed Co., Chicago.

The Leonard Seed Co., Chicago, recently held a convention of its travelers, many of their men being called in and going over the trial grounds and fields of onion sets, getting first-hand information to give their patrons. It is the custom of the firm to take representatives into their confidence and have them examine carefully all trials and growing crops so that they are well informed on conditions and are thus enabled to give their customers valuable information when they call. Treasurer A. H. Smith says this was one of the best such meetings the company has ever held.

Mr. Smith reports as a result of their inspection they find the onion set acreage this year around Chicago very much reduced and in addition the crop was badly damaged early in the season by wet weather and the maggots ate the sets quite badly, leaving spaces and skips in the rows, so that with the very best weather conditions from now until they are pulled, onion sets will be a very light crop and the prices should be correspondingly higher this season. The quality around Chicago promises to

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

LILY BULBS

FALL SHIPMENT FROM JAPAN

Prices quoted F. O. B. New York, Chicago, Denver, San Francisco, and London (Ont.)

Write for quotations stating quantity, variety and size required.

McHUTCHISON & CO.

The Import House

95 Chambers St., NEW YORK

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc.
Moorestown, New Jersey

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds Baltimore, Md.

be very good, as the last two or three weeks the weather has been dry and hot, which had a tendency to make good-keeping sets, and if there is not very much rain during the next 10 days or two weeks Chicago should harvest choice, small, good-keeping sets of the very finest quality.

Beans in Michigan are being hurt now by the hot, dry weather, but up until this week, the crop was growing well and the prospects good. If Michigan is fortunate in getting some good showers during the next few days it will help the bean crop considerably, otherwise there will be a great deal of damage done as beans are just beginning to bloom and the next week or 10 days will tell the story in regard to the bean crop.

The pea crop in Wisconsin is a very light one. The firm's men are now taking in peas at different growing stations throughout the state and report the quality very good indeed. Peas are a better sample than they have been for two years.

Louis Bloom has taken over the firm's eastern and northeastern territory, taking the place of Wm. Sutherland, no longer with the company.

Freesias in Colors.

C. S. Tait, of Brunswick, Ga., has been very successful with his Butterfly strains of colored freesias. Mr. Tait has been at work on these new freesias for the past four years, growing and selecting the best types, and now offers choice stock in many colors.



BURPEE'S EARLY

— OR —

WINTER-FLOWERING SPENCERS

The House of Burpee has long been recognized as "American Headquarters for Sweet Peas," and our introduction of these Fordhook Strains of Winter Flowering Spencers marks an era in commercial Sweet Pea growing.

The Novelties offered below, excepting Yarrowa, are the results of crosses made at our Fordhook Farms during the past seven seasons. All stocks are grown at our Floradale Farm, "The California Home of Sweet Peas."

FORDHOOK PINK AND WHITE:—A most popular Winter Flowering Spencer. A color that is always in demand, similar to the old Blanche Ferry, bright rosy pink standard, wings almost pure white. The immense flowers measure 2½ inches in diameter and are perfect in form. A very early, free and continuous bloomer, awarded a Certificate of Merit at the Spring Show of the Pennsylvania Horticultural Society, Philadelphia, March, 1915, and the American Sweet Pea Society, San Francisco, June, 1916. ¼ oz., \$1.25; ½ oz., \$2.00; oz., \$3.50.

FORDHOOK PINK:—This is a distinct shade of pink suffused with lavender throughout. Flowers are large size, exquisitely waved, produced in threes and fours on long stems. ¼ oz., 40c; ½ oz., 75c; oz., \$1.25; ¼ lb., \$3.50; ½ lb., \$6.25; lb., \$12.50.

FORDHOOK ROSE:—Introduced by us in 1915. Flowers of largest size usually borne in threes and fours. A charming shade of rosy carmine. Awarded a Certificate of Merit at the International Show, New York, March, 1915, and the Spring Show of the Pennsylvania Horticultural Society, Philadelphia, March, 1915. ¼ oz., 50c; ½ oz., 85c; oz., \$1.50; ¼ lb., \$4.00; ½ lb., \$7.50; lb., \$15.00.

YARROWA:—This magnificent Australian variety has proved its unusual merit with commercial growers in all parts of the country. It has an exceptional reputation as a sure-money-maker. First exhibited by us at the great International Show in New York, March, 1914, and awarded a Certificate of Merit by the Pennsylvania Horticultural Society, March, 1915. Flowers exquisitely waved, averaging 2½ inches in diameter, many of them being duplex or double. A bright rose pink with a clear, creamy base. ¼ oz., 35c; ½ oz., 60c; oz., \$1.00; ¼ lb., \$2.75; ½ lb., \$5.00; lb., \$10.00. Our Special Leaflet on Winter Flowering Sweet Peas free on application.

W. ATLEE BURPEE & CO.

SEED GROWERS

Burpee Buildings

PHILADELPHIA

GYGLAMEN!!

Primula Sinensis and Schizanthus hybrida also

For Plant Growers and Seedsmen See Next Week's Issue.

The St. George's Nursery Company,
Harlington, Middlesex, England.

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, - - - NEBRASKA

Mention the American Florist when writing

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

Mention the American Florist when writing

My New PRICE LIST of

Winter Orchid-Flowering Sweet Pea Seed

Has been mailed. If you have not received a
copy, send Postal for it.

Part of new crop will be ready early in July.

Ant. C. Zvolanek, Lompoc, Calif.

Mention the American Florist when writing

Grass Mixtures

— FOR —

Golf-Tennis-Polo

MEET ALL REQUIREMENTS FOR ALL SOILS
The Albert Dickinson Co.,

CHICAGO, ILL.

BARNARD'S
Seed Store
231-235 W. Madison St.
CHICAGO.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport, - - - England.

Mention the American Florist when writing

SIMON LOUIS FRERES & CO., Bruyeres-le-Chatel (Seine et Oise), France.

ESTABLISHED 1666.

Wholesale Growers and Exporters of Choice Stocks of

Vegetable, Flower and Forage Seeds

Specialties—Giant Half-Sugar Mangel-Wurzel, Beet, Carrot, Celery, Dandelion,
Endive, Leek, Lettuce, Radish, Swiss-Chard, Swede and Turnip,
IMPORTERS OF—Red-top, Meadow Fescue, Blue GRASS, Sunflower, Timothy and Garden Peas. **ENGLISH CORRESPONDENCE.**

Our traveling salesman MR. LAWRENCE S. PAYN, who has been calling on the American
trade for many years past, is now in the United States and all mail should be addressed
to him care F. B. Vandegrift & Co., 15 Whitehall Street, New York.

Mention the American Florist when writing

BEANS, PEAS, RADISH AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write for prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St., Telephone Main 2762.

CHICAGO

Mention the American Florist when writing

PANSY SEED

My Giant Pansy seed new crop now ready.
contains the finest mixtures in superb colors all
grown from selected stock. Try a pkt. of this
seed you will not be disappointed. 1 pkt., 5000
seeds, \$1.00; ½ pkt., 50c; \$4.00 per oz.; 3 ozs.,
\$10.00. Cash with order.

E. B. Jennings, SOUTHPORT, CONN.
Lock Box 254.
Grower only of the finest Pansies.

Mention the American Florist when writing

Waldo Rohnert GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Asters,
Cosmos, Nigellone, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing



VAUGHAN'S Pansy Seed

For August Sowing

Vaughan's International Mixture

This is one of the **Specialties** that has established the reputation of Vaughan's Flower Seeds, and one which we maintain most carefully. You may pay more, but you can't buy better. Trade pkt., 50c; 1/8 oz., \$1.50; 1/2 oz., \$5.00; oz., \$10.00.

Vaughan's Giant Mixture

This mixture includes the richest reds, coppers and bronzes, together with the most delicate rose and pink shadings, all the distinct colors of Trimardean and the splendid Cassier strain. Trade pkt., 25c; 1/8 oz., 60c; oz., \$4.00; 1/4 lb., \$14.00.

Our Mid-summer list of Flower Seeds for Florists has been mailed this month. Please write us if you have not received your copy.

NEW YORK
43 Barclay Street

VAUGHAN'S SEED STORE

GREENHOUSES AND NURSERIES, WESTERN SPRINGS, ILL.

CHICAGO
31-33 W. Randolph St.

BRUNNINGS

Large Growers and Shippers of
**BEANS, PEAS
and
ONION SEED**

Correspondence Invited
P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Mention the American Florist when writing

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,

PEDRICKTOWN, N. J.

Mention the American Florist when writing

**Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write**

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

BULBS, Georgia Grown

Paper White Grandiflora, 1st size	100	1000
Paper White Grandiflora, 2nd size	\$1.10	\$ 9.00
Freesias, white, 3/8 in. and up .....	.85	7.00
Freesias, white, 1/2 in. and up .....	.65	5.00
Freesias, white, 5/8 in. and up .....	.85	7.50
Freesias, Tait's Butterfly, colored, 3/8 in. and up	1.40	12.00
Freesias, Tait's Butterfly, colored, 1/2 in. and up	5.00	.....

My bulbs are grown on soil that suits them. Try them and encourage American enterprise. Strangers will please send cash.

C. S. TAIT,

Brunswick, Ga.

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed and
Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
Solicited.

SWEDSBORO, N. J.

Mention the American Florist when writing

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan,
Wisconsin and Idaho

MILFORD, CONN.

Mention the American Florist when writing

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

Mention the American Florist when writing

VALLEY

FROM STORAGE

H. N. BRUNS

3032 Madison Street, CHICAGO

Mention the American Florist when writing

James Vick's Sons

Seedsman, Nurserymen, Florists

SEEDS
PLANTS
BULBS

All the leading
kinds for summer
and fall planting.

Ask for Catalogues. ROCHESTER, N. Y.

Mention the American Florist when writing

Smith's Revised Chrysanthemum Manual
(Third Edition)

By ELMER D. SMITH

Who has made a specialty of Chrysanthemum
Culture for the last 25 years. The best work on
Chrysanthemum Culture. Both amateur and
florists have been provided with articles for their
special needs.

106 Pages. Only 50c., postpaid.
ELMER D. SMITH & CO., ADRIAN, MICH

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held in
Chicago, September, 1916.

Prices of Indoor Fruits and Vegetables.

Chicago, Aug. 1.—Mushrooms, home grown, 15 to 25 cents per pound; lettuce, tomato boxes, 15 to 20 cents; radishes, \$1.00 to \$1.30 per 100 bunches; celery, 50 to 60 cents per box; tomatoes, four baskets 10 to 25 cents; cucumbers, per hamper, 75 cents to \$1.25.

New York, Aug. 1.—Celery, per crate, \$5.00 to \$6.50; cucumbers, \$2.50 per basket; mushrooms, \$1.50 to \$3.50 per 4-pound basket; tomatoes, per carrier, 30 cents to \$2.50; radishes, per 100 bunches, 50 cents to \$1.00; lettuce, per basket, 75 cents to \$2.00.

Berry Market Development.

An effort is being made by the Dominion & Atlantic Railroad Co. and the Boston & Yarmouth Steamship Co. to increase the production of strawberries and blueberries in Nova Scotia by developing a larger market for these products in New England. According to a report on the berry situation by the agent of the Boston & Yarmouth Steamship Co., at Yarmouth, 118,000 quarts of strawberries, valued at \$12,000, and 800,000 quarts of blueberries, valued at \$75,000, were shipped from Yarmouth to Boston last season. It is estimated that about 215 acres were planted with strawberries last year, while blueberries are found extensively and grow practically uncultivated.

The strawberry season begins about July 5 and continues about six weeks. The season for blueberries begins about August 1 and continues until the last of September.

Berries are landed daily at Boston 16 hours after shipment at Yarmouth.

[The names of berry dealers in Yarmouth can be obtained at the Bureau of Foreign and Domestic Commerce or its district offices. Refer to file No. 78118.]

Kansas City, Mo.

TRADE IMPROVES BUT SUPPLY LIMITED.

Continued hot weather is telling on the stock, but the new crop coming on looks promising and will make good material with the help of a little rain. The supply is a little better than a week ago, but continues limited with a slight increase in the sales. The quality of the rose stock is improving and the demand was brisk, Ophelia and Sunburst being the favorites. Asters are making headway and look more promising; they sell the minute they reach the market. Carnations continue scarce and small. Gladioli play a big part and Easter lilies are still doing their share.

NOTES.

T. J. Noll & Co. are handling fine roses, gladioli, Colorado grown carnations, lilies and pink gypsophila, but the supply is limited. The new supply show room is fast nearing completion and when stocked will present

one of the best and most complete lines in the middle west.

H. Kusik & Co. are receiving large quantities of gladioli and Easter lilies, and asters are more plentiful. The rose supply is of good quality, but not large enough to meet requirements. This firm has recently received a large shipment of fall supplies.

W. J. Barnes has been busy with a good run of funeral work. Accompanied by E. J. Barnes and family, he went to Forest Lake, July 27, and returned with 21 good sized members of the "finny tribe." Enough to grease the pan all right.

Dust is playing havoc at the greenhouses of the W. L. Rock Flower Co. and at H. Ackermann's on the opposite corner, due to grading that is being done nearby. At the latter place it is hard to tell whether the roof is glass or tin.

Edward E. Stockdale of Kansas City, Kan., is completing two new houses, one for carnations and the other for pot plants. He is showing some fine Cincinnati begonias; also, cyclamens in 5-inch and 6-inch pots.

M. E. Chandler is cutting a few good gladioli and reports the prospects look good for a better supply of outdoor stock. He has planted dahlies in quantity.

Gilday & Skidmore, formerly on East Eleventh street, are now in their new quarters at Eleventh and Baltimore streets.

A. Newell has had a brisk demand for funeral work, but reports difficulty in securing sufficient stock.

Visitors: H. E. Humiston, Chicago; W. A. Miller, St. Louis, Mo.

E. J. B.

Newburyport, Mass.

E. W. Pearson has a nicely arranged store at 47 State street with every facility to handle his excellent retail business. His range is located on Marlboro street. This comprises about 30,000 feet of glass and for the season, the stock is in fine condition. An interesting feature was a house of tomatoes, planted in March along the edges of the carnation beds. The first picking is generally made in June, but this was delayed this year until July 10. The crop amounts to from two and one-half to three tons and there is no waste as it meets with a ready sale at the store at 10 cents per pound. The fact that 70,000 carnations were cut from a house 42x150 feet, where the carnations and tomatoes were growing, proves that the growth of the flowers was not interfered with.

J. J. Conley, Otis Kent, T. J. King and C. J. McGregor are all in the running here, and are pushing out for business, as is J. A. Kenniston, who has a very successful nursery establishment.

K.

Vegetable Plants

Celery, White Plume, Giant Pascal, and Golden Heart, \$1.00 per 1000; 10,000 and over, 85c per 1000.

Parsley, Dwarf Fern leaf, 25c per 100; \$1.25 per 1000.

Cash with the order.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

Mention the American Florist when writing

Freesias

California Grown



Vaughan's Improved
PURITY.



	Per 100	Per 1000
¾-in. and up..	\$2.00	\$18.00
½-in. to ¾-in..	1.75	15.00
¼-in. to ½-in..	1.50	12.00

PURITY--True.

	Per 100	Per 1000
¾-in. and up..	1.75	15.00
½-in. to ¾-in..	1.25	10.00
¼-in. to ½-in..	1.00	7.00

FRENCH FREESIAS

Ready for Delivery About August 1st.

	Per 100	Per 1000
Jumbo, ¾-in. and up.....	\$1.25	\$10.00
Mammoth, ¾-¾-in.....	1.00	8.00

Bulbs From Cold Storage

VALLEY PIPS

	Per 100	Per 1000
Holland Grown.....	\$17.00	
Danish ".....	20.00	
German ".....	25.00	

LILIUM ALBUM

	Per 100	Per 1000
8-9 inch.....	\$10.00	
9-11 inch.....	15.00	

Vaughan's Seed Store

CHICAGO

NEW YORK

Mention the American Florist when writing

TO THE TRADE

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1877.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabiosa, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

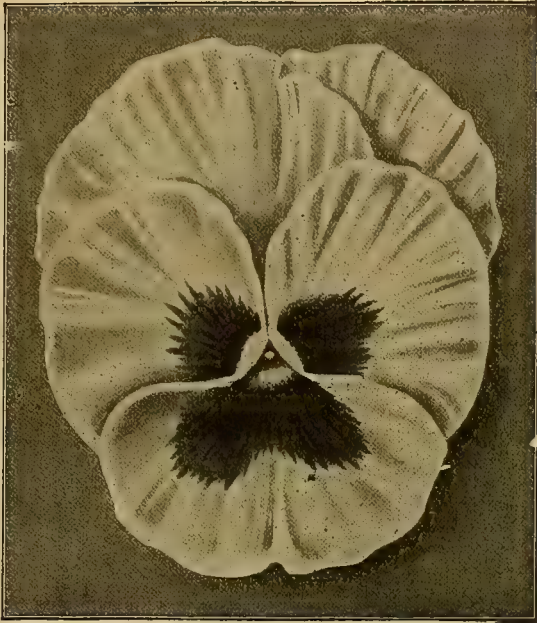
HENRY METTE'S TRIUMPH OF THE GREAT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

New Early Flowering Giant Pansies

Or Winter Blooming



An entirely new and distinct strain of Pansies. The main advantage of these new Pansies over all hitherto existing Pansies is the extreme earliness of flowering and its unusual hardiness, which enables them to withstand quite severe Winters, and to bloom right on into the Summer. Sown at the same time as other Pansies, they begin flowering the early part of March or as soon as the snow is off the ground, many times having four or five large flowers to a plant, when all other Pansies are only showing buds. The flowers are large, well formed and fragrant. They are highly recommended for Autumn planting on graves, and for very early bedding, as well as for early cut flowers.

14. **WINTER SUN.** Golden yellow with dark eye.
15. **ICE KING.** Silvery white, with dark blue eye.
16. **CELESTIAL QUEEN.** Light or sky blue.
17. **CHARM OF MARCH.** Dark velvety blue.
18. **MIXED.** The above four colors with other shades and variations.

Each color separate or mixed, 500 seeds 50c, 1000 seeds \$1.00, 1/2 oz. \$2.00, 1/4 oz. \$3.75, 1 oz. \$15.00. For list and price of other Kenilworth Pansy Seed, see my ad. of July the 29th.

FREE OFFER RAINBOW is a mixture of the most beautiful, gorgeous colors, blotched, striped, veined, margined, etc. With every \$1.00 worth of Pansy seed, I will send, free, 1000 seeds of Rainbow and with other amounts in like proportion.

Chas. Frost
Kenilworth,
N. J.

If You are interested in Mid-Winter Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

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REX BEGONIAS

Choice collection of mixed sorts. Extra strong plants, ready to retail. 3-in. pots \$1.00 per doz., \$3.00 per 100. Vinca variegata, 2-in., \$2.00 per 100. S. A. Nutt, 2-in., \$1.65 per 100; \$16.00 per 1000. Satisfaction guaranteed.

ELMER RAWLINGS,

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The L. D. Waller Seed Co.

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Wholesale Growers of

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PEAS AND NASTURTIUMS**

Correspondence Solicited.

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LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.

Woolworth Bldg., New York City

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FERNS IN FLATS

In Best Varieties
for Fern Dishes.

**\$1.50 per 100
100,000 READY NOW**

Write for Wholesale Catalogue of
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SEEDS WHICH SUCCEED

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THE J.C. ROBINSON SEED CO.

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Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Grafted Roses

All the best varieties,
December propagation;
now ready, in 3-inch
pots.

Splendid Stock.

Charles H. Totty

Madison, N. J.

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Carnation Plants

Heavy Field Grown Stock

Philadelphia
White Wonder
White Enchantress

St. Nicholas
Champion
Ward
Delhi

\$50.00 per 1000; \$6.00 per 100.
Enchantress, \$45.00 per 1000.

250 at 1000 rate. Cash with order please.

JOY FLORAL CO.

NASHVILLE, TENN.

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The Nursery Trade

American Association of Nurserymen.

John Watson, Newark, N. Y., President;
Lloyd C. Stark, Louisiana, Mo., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-second annual convention will be held at Philadelphia, Pa., June, 1917.

CHATTANOOGA, TENN.—The Chattanooga Nurseries have filed a petition in bankruptcy with liabilities of \$27,979.

LOUISVILLE, KY.—George Holland, for many years superintendent of St. Louis cemetery in this city, died here recently.

C. B. WHITNALL, the well known tree specialist, of Milwaukee, Wis., says good growing conditions for trees afford the best insurance against the ravages of insects and disease.

NORFOLK, VA.—The annual convention of the Association of American Cemetery Superintendents will be held here, August 22-24. J. M. Broughton is chairman of the local committee of arrangements.

FALL RIVER, MASS.—Claims against the estate of the late George L. Freeman, orchid grower, said to be insolvent, will be investigated by commissioners who have been appointed for that purpose.

SEWICKLEY, PA.—Robert W. Hutchinson, well-known landscape gardener for the Pennsylvania Lines West, who died at Palm Beach, Fla., July 18, was buried from his late residence here, July 23. The funeral services were largely attended.

BALTIMORE, MD.—The property of the Franklin Davis Nursery Co., bankrupt, will be sold at the company's farms at Mitchellville, Md., August 23, 1916, by order of the United States district court for Maryland. Willis E. Myers is referee. Charles R. Woods, 717 Title building, Baltimore, is attorney.

Mistletoe Is Forest Pest

A recent study, conducted by the United States department of agriculture, of the injury done by mistletoe to coniferous trees in the northwest, indicates that in many regions this is a serious forest problem. The western larch, the western yellow pine, the lodgepole and the Douglas fir suffer the most. Each of these is attacked by a particular species of mistletoe which gradually reduces the leaf surface of the tree and thus causes a great reduction in growth, both in height and in diameter. Excessive mistletoe infection of the lower branches of the tree may cause the upper portion of the crown to die, giving rise to what is commonly called staghead or spiketop. Severe infection throughout the entire crown often results in the death of the tree. Young seedlings from three to six weeks old may be killed within a comparatively short time after they become infected. Furthermore, trees weakened by mistletoe infection are much more susceptible to attacks from fungi and forest-tree insects.

Bulletin No. 360, a professional paper of the department in which the results of this study are reported, also contains suggestions for the control of the mistletoe in those sections where it causes serious economic loss.

Dwarf Hawthorns.

Among the dwarf hawthorns of the United States are a number of plants which promise to be of great value for the decoration of gardens, where, however, they are still almost unknown; indeed until a few years ago they had been almost entirely overlooked, or neglected by botanists and gardeners. One dwarf species, however, *C. uniflora*, was cultivated in England by Bishop Compton as early as 1713 and is still occasionally met with in gardens. It is a shrub a foot or two high with small leaves, and small flowers in one or rarely in two-flowered clusters, and green fruit. This little shrub grows in sandy soil from Pennsylvania to Alabama, usually in the region near the coast. It is now in flower in the arboretum and has no great value as a garden plant. It is interesting, however, as the type of one of the natural groups, the *uniflora*, in which the species of hawthorns are arranged. Another species of this group, *C. Smithii*, is also in flower. This little shrub is a native of western Pennsylvania and is distinguished by the serration of its leaves and by its two or three-flowered flower-clusters. Only one other dwarf species, *C. intricata*, was cultivated before 1900 when the arboretum began the systematic study of American hawthorns. This shrub was described in Europe in 1894 from a plant cultivated in the botanic garden at Copenhagen and has been made the type of the *intricata* group. The plants of this group are mostly shrubs from one to four feet high, although in the southern Appalachian region a few of the species become small trees. The largest number of species is found in Pennsylvania but these plants are not rare in southern New England, New York and Ontario. Only a few have been found in the region west of the Mississippi river and they do not occur in the coast region of the South Atlantic and Gulf states. These plants mostly flower late and have large and showy flowers, usually in few-flowered clusters, and large, red, yellow or green, late-ripening fruit. A number of the *intricata* are flowering in the arboretum this year where they can be seen on the lower side of the road at the eastern base of Peter's Hill, directly north of the crabapple collection. *Crataegus triflora*, the type of another group, the *triflora*, is also in flower here. This is a shrub with large leaves, flowers probably larger than those of any other dwarf hawthorn, and often an inch and a quarter in diameter, in from three to six, usually only three-flowered clusters, and large dull red fruit. A comparatively rare plant, *C. triflora*, grows on the bluffs of the Coosa river, at Rome, Ga., in one or two places in northern Alabama, and in northeastern Mississippi. —Arnold Arboretum Bulletin, June 15, 1916.

AKRON, O.—The Portage Nursery Co. has been organized with a capital stock of \$5,000.

LAKE FOREST, ILL.—The Garden Club of America will hold its 1917 annual meeting here.



**JAPANESE
TEA GARDEN**
—AND—
ROCKERY
For your summer house,
made in a short time,
T. R. OTSUKA,
300 S. Michigan Ave., Chicago.

Mention the American Florist when writing

Storrs & Harrison Co.

PAINESVILLE NURSERIES

Catalogues and Price Lists
Free on Application.

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Hill's Evergreens

BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.
Evergreen Specialists Largest Growers in America
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PEONIES and IRIS

Catalog now ready.

PETERSON NURSERY

Stock Exchange Building, CHICAGO, ILL.

Our Guarantee

We will replace with three all plants
not proving true to description.

Ornamental Nursery Stock

is handled with profit and satisfaction by hundreds of our florist customers. We grow the following lines in large quantities and are always glad of the opportunity to make quotations.

**Field-Grown Roses, Flowering Shrubs, Perennial
Plants, Climbing Vines, Ornamental Trees.**

OUR CURRENT PRICE LIST will be gladly forwarded on request.

NOTE—Use printed stationery. We sell to the trade only, and do not knowingly compete with our customers by allowing our trade prices to get into the hands of private planters.

JACKSON & PERKINS CO.,

NEWARK, NEW YORK

CALIFORNIA PRIVET

Over Two Million Plants of SUPERIOR Quality.

All sizes from one foot to four feet. Very low prices in car-load lots.

Also Polish Privet, Amoor Privet and Berberis Thunbergii in quantity.

J. T. LOVETT, LITTLE SILVER,
NEW JERSEY

BELLE WASHBURN

BEST RED CARNATION

Field plants, all strictly first size ready for benching, \$12 per 100; \$100 per 1000

500 at the 1000 rate. The season has been exceptionally good for field plants in our vicinity and the plants are just right for benching.

Bassett & Washburn

GREENHOUSES:
HINSDALE AND GREGGS STATION, ILLINOIS.

178 NORTH WABASH AVENUE, CHICAGO, ILL

TREE, SHRUB AND PALM.. SEED

For the Nursery and Florist Trade.

My seed is fresh and reliable. For Prices address

GEORGE H. HOPKINS,
EAGLE ROCK STATION, LOS ANGELES CALIF.

BOXWOODS---MOST BEAUTIFUL STOCK

Pyramids, 2 -ft.....\$1.00 each
Pyramids, 2½ -ft..... 1.50 each
Pyramids, 3 -ft..... 2.00 each
Pyramids, 3½ -ft..... 2.50 each
Standard Shape, 14x14 in... 2.50 each
Globes, 14x14 in..... 3.00 each
Heavy Bushes, 2-ft..... 1.50 each
Nice Bushes, 15-in..... .35c each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

ROSES, CANNAS
Shrubbery
THE CONARD & JONES CO.,
West Grove, Penna.

CARNATIONS

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For the Best New and Standard DAHLIAS

Address

Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

Ipomoea Noctiflora

(MOONVINES)

2½-in. pots.....\$5.00 per 100
3-in. pots..... 8.00 per 100

GODFREY ASCHMANN,

Importer and Grower of Potted Plants

1012 W. Ontario St., Philadelphia, Pa.

25,000 Chrysanthemums READY NOW

In over 20 varieties; early, medium and late, from 2 and 2½ inch pots, fine stock.

Late Cabbage plants, \$1.50 per 1000.

ALONZO J. BRYAN, Wholesale
Florist.
Washington, New Jersey.

CHRYSANTHEMUMS

Pink: Mrs. C. H. Totty, Chieftain.

White: Smith's Advance, White Cloud.

Yellow: Roman Gold, Chrysolaria, Yellow Eaton.

2 inch plants, just right, \$20.00 per 1000.

Cash with order, please.

Joy Floral Co., Nashville, Tenn.

Field-Grown Carnation Plants

LARGE, FINE BUSHY PLANTS.

	100	1000
Pink Enchantress.....	\$5.00	\$45.00
Rosette.....	5.00	45.00

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184 N. Wabash Av., CHICAGO

GERANIUMS

Guaranteed to reach any point in the U. S. from Chicago East, in good growing condition, or they can be returned and your money refunded. I take all the risk. Summer prices.

S. A. Nutt and Buchner.....\$10.00 per 1000

Ricard and Poltevine 12.50 per 1000

ALBERT M. HERR, LANCASTER, PA.

Robert Craig Co..

High Class **PALMS**

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

BAY AND BOXWOOD TREES

VERY CHOICE STOCK

BAY TREES

STANDARD OR TREE SHAPED

Stems	Each	Pair	Stems	Each	Pair
30-in..Crowns 24-in....	\$7.00	\$13.00	45-in..Crowns 30-in....	\$10.00	\$18.00
36-in.. " 24-in....	7.00	13.00	48-in.. " 34-in....	12.00	22.00
45-in.. " 26-in....	7.50	14.00	48 in.. " 40-in....	15.00	23.00

PYRAMIDAL SHAPED

5 ft. high 24 in. diameter at base.....	\$8.00	\$15.00
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BOXWOOD PLANTS

IN TUBS

	Each	Pair
PYRAMIDS — 2½-ft.....	\$2.00	\$3.75
3-ft.....	2.50	4.50
3½-ft.....	3.50	6.00
4 ft.....	4.50	8.00
BUSH — 24 inch.....	1.25	2.45
30 inch.....	2.75	5.00
36-inch.....	3.75	7.00
STANDARDS — 10-inch (out of tubs) doz., \$3.00; 12-in., doz., \$4.00		
18 20-inch stem, 12 inch ball tops.....	3.00	5.50
12-in. stem, 12-in. crown.....	1.25	2.25
14-15-in. stem, 12-in. crown.....	1.50	2.75
GLOBE — 15x15-inch.....	2.75	5.00
18x18-inch.....	3.50	6.50
BUSH — Out of tubs—		
12-inch.....	Doz. Pe 100	
18-inch.....	\$1.00 \$30.00	
	6.50	45.00

Out of tubs 25c each reduction.

10 per cent discount allowed on Pyramids in lots of 10 or more.

10 per cent discount allowed on Bush shape in lots of 50 or more.



STANDARD BAY TREE.



PYRAMIDAL BOX TREE

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NEW YORK

Field-Grown Carnation Plants

Extra fine stock ready for immediate delivery. Order today.

	100	1000		100	1000
PHILADELPHIA.....	\$4.50	\$40.00	WASHINGTON.....	4.50	40.00
ENCHANTRESS.....	4.50	40.00	ZOE SYMONDS.....	4.50	40.00
WHITE ENCHANTRESS.....	4.50	40.00	BEACON.....	5.00	45.00
ROSE PINK ENCHANTRISS, 4.50		40.00			

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Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

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ROSES

On own roots,
2½ and 4-in.
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1-year field-grown to pot, 5 to 6-in.

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Ready Reference Section.

10 CENTS PER LINE, NET.



AMPELOPSIS VEITCHI.

Ampelopsis Veitchi, 3 year, pot-grown, \$3 per dozen; \$20 per 100. Vaughan's Seed Store, Chicago and New York.

AQUATIC PLANTS.

WATER HYACINTHS, 60c per dozen. Southwestern Florists, 5019 Virginia Ave., St. Louis.

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ASPARAGUS—TWO BARGAINS.

Asparagus Sprengeri, 2½-in., ready for 3-in., \$2.50 per 100; \$20 per 1,000.

Asparagus plumosus seedlings, extra good, \$6 per 1,000.

VAUGHAN'S GREENHOUSES,
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ASPARAGUS PLUMOSUS, bushy, from 3-in. pots, \$4 per 100. SPRENGERI from 3-in. fine heavy, \$3.75 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

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ASPARAGUS PLUMOSUS, 2½-in., \$2.50 per 100. Cash please. Edgar Easterday, Nokomis, Illinois.

ASPARAGUS SPRENGERI, 3-in., \$4 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

AZALEAS.

Azaleas. W. & T. Smith Co., Geneva, N. Y.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

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Bedding Plants. For sizes, varieties and prices, see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS.

BEGONIAS.

Xmas Red, 3-in.	8.00 per 100
Erfordii, 2¼-in.	3.00 per 100
Erfordii, 3-in.	6.00 per 100
Chatelaine, 2¼-in.	3.50 per 100
Chatelaine, 3-in.	8.00 per 100
Prima Donna, 2¼ in.	3.00 per 100

Extra strong plants all in bloom.

Vernon, Erfordii, Prima Donna, Luminosa and Triumph, strong transplanted seedlings, \$1.50 per 100. Begonias, tuberos started, \$6.00 per 100; \$1.00 per doz., separate color or mixed. ERNEST ROBER, Wilmette, Ill.

BEGONIAS—Immediate Delivery.

Mrs. J. A. Peterson (new), 2¼-in. pots.	\$25.00 per 1,000
JULIUS ROEHRS CO.,	Rutherford, N. J.

Begonias, Gloire de Lorraine, 3-in., \$20 per 100; \$175 per 1,000. Glory of Cincinnati, \$25 per 100; \$225 per 1,000. Wm. F. Kastling Co., 383-387 Ellicott St., Buffalo, N. Y.

Begonias, Vernon, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Rex Begonias, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

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BOXWOODS.

PYRAMIDS. Broad, heavy specimens, 2 ft., \$1.90 each; 2½ ft., \$2.00 each; 3 ft., \$2.50 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee, Ill. Write for prices on larger sizes.

BUSH SHAPE, 10-12-in., balled, 30c each; 18-in., balled, 60c each; 30-in., balled, \$1.75 each.

THE D. HILL NURSERY CO., INC.
Box 404, Dundee, Ill.

Bay and Boxwood Trees. Very choice stock. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

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Bulbs. Freesia, California grown. Vaughan's Improved Purity, ½-in. and up, \$2 per 100; \$18 per 1,000; ¾-in. to 1-in., \$1.75 per 100; \$15 per 1,000; 1½-in. to 2-in., \$1.50 per 100; \$12 per 1,000. Purity, true, ¾-in. and up, \$1.75 per 100; \$15 per 1,000; 1½-in. to 2-in., \$1.25 per 100; \$10 per 1,000; ¾-in. to 1-in., \$1 per 100; \$7.00 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs from cold storage. Valley pips. Holland grown, \$17 per 1,000; Danish grown, \$20 per 1,000; German grown, \$25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs. Rainbow freesias of good blooming size and in a mixture of colors, \$5 per 100; \$40 per 1,000. \$187.50 for 5,000. A. Henderson & Co., 211 N. State St., Chicago.

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Bulbs. L. Giganteum, 9-10, case of 200, \$20. Wm. F. Kastling Co., 383-387 Ellicott St., Buffalo, N. Y.

Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily bulbs. Fall shipment from Japan, McHutchison & Co., 95 Chambers St., New York.

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Caladiums, finest fancy leaved varieties, 25c, 35c, 50c, \$1.00 and \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

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CARNATION FIELD PLANTS.

The season has been exceptionally good for growing field plants with us and we offer the following very choice plants:

BELLE WASHBURN, the best commercial red carnation, winner of prizes wherever exhibited, per 100, \$12; per 1,000, \$100.

WHITE WONDER and WHITE ENCHANTRESS, strictly choice plants, per 100, \$6; per 1,000, \$50. We bill 250 or more at the thousand rate.

BASSETT & WASHBURN,
173 N. Wabash Ave., Chicago.

Carnation Aviator. Field plants, good strong healthy stock, \$12 per 100; \$100 per 1,000. Delivery now. J. D. Thompson Carnation Co., Joliet, Ill.

CARNATIONS.

FIELD GROWN CARNATION PLANTS.

Mrs. C. W. Ward.	\$6.00 per 100; \$50.00 per 1,000
Enchantress	5.00 " 45.00 "
Rose Pink Enchant.	6.00 " 50.00 "
Beacon	6.00 " 50.00 "
Victory	6.00 " 50.00 "
White Wonder	6.50 " 55.00 "
White Enchantress	6.00 " 50.00 "

CHICAGO FLOWER GROWERS' ASSOCIATION,
182 North Wabash Avenue, Chicago.

FIELD-GROWN CARNATION PLANTS.

10,000 White Perfection	100 1,000
15,000 White Enchantress	6.00 \$50.00
20,000 Pink Enchantress	6.00 50.00

Ready for shipment now or will reserve for later delivery. We guarantee plants to be in healthy condition at time of shipment.

PITTSBURGH CUT FLOWER CO.,
Carnation Growers Pittsburgh, Pa.

FIELD-GROWN CARNATION PLANTS.

Mrs. Ward	100 1,000
Beacon	6.00 50.00
Enchantress	6.00 50.00
Enchantress Supreme	6.50 55.00
White Wonder	6.50 55.00
White Perfection	6.50 55.00
Alice	6.50 55.00

Our stock of plants is fine and healthy.

GEO. PETERS & SONS,
Hempstead, L. I., N. Y.

Field grown carnation plants. Extra fine stock for immediate delivery. Philadelphia, Enchantress, White Enchantress, Rose Pink Enchantress, Washington, Zoe Symonds, \$4.50 per 100; \$40 per 1,000. Beacon, \$5 per 100; \$45 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Carnation plants, field-grown stock, Philadelphia, Ward, St. Nicholas, Champion, Delhi, White Wonder and White Enchantress, \$6 per 100; \$50 per 1,000; Enchantress, \$45 per 1,000. Cash please. Joy Floral Co., Nashville, Tenn.

Carnation plants, field grown. Pink Enchantress and Rosette, \$5 per 100; \$45 per 1,000. J. A. Budlong, 184 North Wabash Ave., Chicago.

Carnation plants, field grown. Far varieties see advertisement elsewhere in this issue. The Leo Nissen Co., 1201 Race St., Philadelphia, Pa.

Carnations for fall delivery. Best varieties. Prices low; send for list. Wood Brothers, Fishkill, New York.

Carnations, new crop. S. Murata & Co., 751 S. Broadway, Los Angeles, Calif.

Carnations. F. Dörner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS IN 2¼-IN. POTS.

The following kinds are the choicest of the commercial varieties. They are far ahead of the old varieties in quality and size of flowers, also in percentage of good blooms:

300 Golden Queen, extra early	Each .6c
300 Marigold	5c
1600 Yellow Frost	3c
300 Crystal Gem	6c
200 Early Frost	5c
600 October Frost	3c
1200 Mensa, best white single pompon, same as large Daisy	3c

BASSETT & WASHBURN,
173 N. Wabash Ave., Chicago.

CHRYSANTHEMUMS. Good commercial varieties, 2¼-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.**POMPONS—CUTTINGS AND CUT BACK PLANTS.**

Large quantity of pompoms in the following varieties, which are of the same high quality as the chrysanthemum stock:

	Rooted Cuttings		Cut Back Plants	
	100	1000	100	1000
Lulu, white	\$2.00	\$18.00	.....	.....
Baby, yellow	2.00	18.00	\$2.50	\$20.00
Overbrook, yellow....	2.00	18.00	2.50	20.00
Mrs. Astor, yellow....	2.00	18.00	2.50	20.00
Sabey, yellow.....	2.00	18.00	2.50	20.00
Cubit, tan	2.00	18.00	2.50	20.00
E. D. Godfrey, pink..	2.00	18.00	2.50	20.00
Croesus, bronze	2.00	18.00	.....	.....
Tiber, brown and red..	2.00	18.00	.....	.....
Quinola, yellow.....	2.00	18.00	2.50	20.00
Pretoria, yellow.....	2.00	18.00	2.50	20.00
Zenobia, yellow.....	2.00	18.00	.....	.....
Mary Richardson, terra cotta	2.00	18.00	.....	.....
Agloi, variegated.....	2.00	18.00	2.50	20.00
H. Hicks, brown.....	2.00	18.00	2.50	20.00
Mrs. F. Beu, bronze....	2.00	18.00	2.50	20.00
Sylvia, red	2.00	18.00	.....	.....
Sydania, yellow.....	2.00	18.00	2.50	20.00
Miss Julia, yellow....	2.00	18.00	2.50	20.00
Lillia, red.....	2.00	18.00	2.50	20.00
Souv. Melannia, pink..	2.00	18.00	.....	.....
Golden Climax.....	2.00	18.00	.....	.....

WIETOR BROS.,

162 N. Wabash Avenue, Chicago, Ill.

CHRYSANTHEMUMS.

Emma—A Garza-Anemone, double pompon, pale pink; it's a dandy; you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now. \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

Chrysanthemums, 2-in. plants, just right, \$20 per 1,000. Cash. Joy Floral Co., Nashville, Tenn.

Chrysanthemums, Pompon variety, 2-in., \$2.00 per 100; \$18.50 per 1,000; 3-in., \$3.00 per 100; \$25.00 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Chrysanthemums, 25,000 ready now. Over 20 varieties, early, medium and late, from 2 and 2½-in. pots. Alonzo J. Bryan, Washington, N. J.

COLEUS.

Coleus, Emperor Wilhelm, 3-in., 8c each; 4-in., 15c each. Poehlmann Bros. Co., Morton Grove, Ill.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CYCLAMEN.**CYCLAMEN.**

Improved Wandsbek type, 3-in., \$8 per 100. Cyclamen seed, eight varieties, equally divided, \$6 per 1,000. Fancy and salmon, separate, \$8 per 1,000. ERNEST ROBER, Wilmette, Ill.

Cyclamen. For varieties and prices see advertisement elsewhere in this issue. The George Wittbold Co., 737 Buckingham Place, Chicago.

1,000 2½-in. Wandsbek cyclamen; good clean stock, \$6 per 100. D. G. GRILLBORTZER, Alexandria, Va.

Cyclamen. The St. George's Nursery Co., Harlington, Middlesex, England.

DAHLIAS.

Dahlias. Best new and standard varieties. Peacock Dahlia Farms, Williamstown Junction, N. J.

DAISIES.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

Daisies, A. E. Hunt & Co., 30 E. Randolph, Chicago.

DRACAENAS.

DRACAENA INDIVISA, 5-in., \$35.00 per 100; 4-in., \$15.00 per 100; 3-in., \$6.00 per 100. ERNEST ROBER, Wilmette, Ill.

DRACAENA INDIVISA, 5-in., 35c. Harry Hehl, West Toledo, O.

FERNS.

Seven-inch Boston Ferns, \$9.00 per dozen; eight-inch Boston Ferns, \$12.00 per dozen. Extra strong plants ready for shift. Cash with order. RIVERBANK GREENHOUSES, Geneva, Ill.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

FERNS, WHITMANI, heavy bushy, 5-in., \$3.50 per doz., \$25.00 per 100. BOSTON 5-in., \$3 per doz., \$20 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Ferns, Boston, 4-in., \$15 per 100; 7-in., \$6 per doz.; 8-in., \$1 each, \$9 per doz. Large plants in 11 and 12-in. pots, \$2.50 and \$5 each. R. Vincent, Jr. & Sons Co., White Marsh, Md.

New fancy ferns, special picked. C. A. Kuehn, 1312 Pine St., St. Louis, Mo.

FREESIAS.

Freesias. Purity, California grown, 1st size, \$10 per 1,000; Mammoth, \$12 per 1,000; Rainbow, new and very fine, yellow, orange, lavender and pink, \$5 per 100; \$40 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia, Pa.

GERANIUMS.

GERANIUMS. Extra strong, 2-in., S. A. Nutt, Ruby (best dark red), Dagata, Ricard, Red Wing, Viaud, Landry, La Favorite, Perkins, Oberle and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wylie, Aviator, Rogers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. F. H. DE WITT & CO., Wooster, O.

Geraniums, in good 3-in. stock at \$3 per 100; \$25 per 1,000; 2-in., at \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS. Mixed varieties, fine healthy plants, \$8.00 per 100. M. C. GUNTERBERG, 158 North Wabash Avenue, Chicago.

Geraniums, S. A. Nutt and Buchner, \$10 per 1,000; Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, S. A. Nutt, 2-in., \$1.65 per 100; \$16 per 1,000. Elmer Rawlings, Allegany, N. Y.

GREENS.

Greens. Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. Caldwell The Woodsman Co., Evergreen, Ala.

Greens. Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

HYDRANGEAS.

HYDRANGEA OTAKSA, 3-in., \$5.00 per 100; 6-in. and 8-in. in bloom, 35c, 50c, 75c and \$1.00 each. HENRY SMITH, Grand Rapids, Mich.

Hydrangeas for summer-blooming. For varieties and prices see advertisement on cover of this issue. F. R. Pierson Co., Tarrytown, N. Y.

IRISES.**GERMAN IRIS.**

Strong Divisions. For August Planting.

	100	1,000
Chas. Dickens, blue and purple....	\$3.00	\$20.00
Hector, yellow and crimson.....	3.00	22.00
Heteranth, bright blue	2.50	18.00
Honorabilis (San Souci), mahogany and gold	2.50	18.00
Loreley, light yellow and blue....	4.00	30.00
Mars, yellow and violet.....	3.00	22.00
Madam Chereau, pale blue.....	2.50	18.00
Mrs. H. Darwin, white and violet..	3.50	25.00
Pharaon, lilac, very fine.....	2.50	18.00
Stenophylla, pale blue.....	2.50	18.00
Venus, yellow veined purple.....	2.50	18.00

VAUGHAN'S SEED STORE, Chicago New York

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

Boston Ferns, 3-in., \$8 per 100. A. Henderson & Co., 211 N. State St., Chicago.

JASMINE.

JASMINUM GRANDIFLORUM, 4-inch pots, strong plants; \$2.00 per doz.; \$12.50 per 100. Rose Hill Nurseries, New Rochelle, N. Y.

LANTANAS.

LANTANAS, mixed, 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch plips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the valley. Finest in existence. For quotations address Otto Mann, Leipzig, Saxony, Germany.

Lily of the valley, from storage. H. N. Bruns, 3032 Madison St., Chicago.

MOONVINES.

Moonvines, lemon verbenas, swainsona, parlor ivy, S. scandens, allyssum, coleus, salvia Bonfire and Zurich, cuphea, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Moonvines, 2½-in. pots, \$5 per 100; 3-in. pots, \$8 per 100. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

MUSHROOM SPAWN.

Mushroom spawn, Lambert's Pure Culture, American Spawn Co., St. Paul, Minn.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th sts., Philadelphia, Pa.

Palms. Joseph Heacock Co., Wyncote, Pa.

PANSIES.

Pansies. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington Co., Inc., 128 Chambers St., New York.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. HENRY SMITH, Grand Rapids, Mich.

PEONIES.

French peonies can be shipped with celerity and security via Bordeaux-New York. Catalogue free. DESSERT, Peony Specialist, Chenonceaux, France.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

POINSETTIAS.

Poinsettias, true Christmas type. July and August delivery. 2½-in., strong plants, \$6 per 100; \$50 per 1,000. Vaughan's Seed Store, Chicago and New York.

POINSETTIAS.

2½-in., \$5 per 100; \$45 per 1,000. Orders booked in advance. ERNEST ROBER, Wilmette, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

PRIMULAS.

PRIMULAS.

Ready July 30th to August 20th.
Obconica Grandiflora, choicest mixed colors; *Vesuvius*, crimson; *Crispa*, rose, new; *Fimbriata*, fringed, mixed; *Compacta*, lilac.
 In 2½-in. pots, \$2 per 100; \$18 per 1,000.
Obconica Gigantea, best mixed colors; *Kermesina*, crimson; *Rosea*, pink; *Lalacina*, pale lilac.
 In 2½-in. pots, \$2.50 per 100; \$22 per 1,000.
 Forbesi, "Baby" in 2½-in. pots, \$1.75 per 100.
Malacoides, best mixed, in 2½-in. pots, \$2.25 per 100.
Chinensis, Chinese, highest grade, mixed colors. *Alba Magnifica*, white.
 In 2½-in. pots, \$2 per 100; \$18 per 1,000.
 Also *Asparagus plumosus* and *Sprengeri* in 2½-in. pots at \$18 per 1,000. Cash.

JOSEPH H. CUNNINGHAM
 "The Primrose Man."

Delaware, Ohio

PRIMULAS.

	100
<i>Obconica</i> , 2-in.	\$3.00
<i>Malacoides</i> , 2-in.	3.00
<i>Malacoides</i> , 3-in.	6.00
ERNEST ROBER, Wilmette, Ill.	

Primulas, *Grandiflora* and *Gigantea* strain, only the choicest varieties; summer delivery, 2½-in., \$3 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

PRIVET.

California Privet, of superior quality, in all sizes from one to four feet. J. T. Lovett, Little Silver, N. J.

ROSES.

ROSES.

1200 American Beauty, 4-in., extra choice young plants	8c
4000 White Killarney, 2½-in., grafted, good big plants	8c
2000 Richmond, 2½-in., grafted, good big plants	8c
5000 Sunburst, 2½-in., own root, extra fine plants	4c
2000 Cecile Brunner, 3-in., own root, choice stock	4c
2000 Mrs. Geo. Shawer, 2½-in., own root	4c
BASSETT & WASHBURN, 178 N. Wabash Ave., Chicago.	

Roses, Grafted 3½-in. stock: Pink and White Killarney, Brilliant, Milady, Ophelia, Old Gold, Cecile Brunner, Richmond, Scott Key, Elgar, \$140 per 1,000. Grafted 2½-in. stock: Pink and White Killarney, Brilliant, Ward, Milady, Russell, Old Gold, Richmond, Hoosier Beauty, Scott Key, Elgar, \$100 per 1,000. Own root, 3½-in. stock: Pink and White Killarney, Old Gold, Richmond, Scott Key, Brilliant, Elgar, Ward, Sunburst, \$96.70 per 1,000. Own root, 2½-in. stock: Pink and White Killarney, Scott Key, Sunburst, Richmond, \$56.70 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

FINE 2½-INCH ROSE PLANTS.

	100	1,000
Killarney	\$4.00	\$35.00
Richmond	3.00	25.00
Geo. Elgar (Baby Yellow)	4.00	35.00
White Killarney	4.00	35.00

WIETOR BROTHERS.

L. D. Phone, Randolph 2081.
 162 N. Wabash Ave., Chicago.

Rose plants. Pink and White Killarney, 2½-in., own root, \$6 per 100; \$55 per 1,000; 3½-in., own root, \$10 per 100; \$90 per 1,000. Bon Silene, 2½-in., own root, \$4 per 100. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

ROSE PLANTS. Kaiserin A. V., 3-in., \$6.00 per 100. Richmond, 3-in., \$6 per 100. Maryland, 3-in., \$8 per 100. American Beauties, 4-in., \$8 per 100. Other varieties. HENRY SMITH, Grand Rapids, Mich.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses. Grafted, December propagation, now ready in 3-in. pots, splendid stock. Charles H. Totty, Madison, N. J.

Roses, 2½ and 4-in. pots, in a good assortment. The Leedle Floral Co., Springfield, O.

Roses, from 3-in. pots, in best varieties. Wood Bros., Fishkill, New York.

Roses, cannas, shrubby. The Conard & Jones Co., West Grove, Pa.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10.00 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seed. Pansy for August sowing. Vaughan's International Mixture, Trade pkt., 50c; ¼-oz., \$1.50; ½-oz., \$5; oz., \$10. Vaughan's Giant Mixture, Trade pkt., 25c; ¼-oz., 60c; oz., \$4; ¼-lb., \$14. Vaughan's Seed Store, Chicago and New York.

Seeds. Winter-flowering Spencer Sweet Peas, florists' for present sowing. For varieties and prices, see advertisement elsewhere in this issue. Arthur T. Boddington, Inc., 128 Chambers St., New York.

Seeds, contract growers of pepper; egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds. Burpee's Early or Winter-Flowering Spencers. For varieties and prices, see advertisement elsewhere in this issue. W. Atlee Burpee & Co., Philadelphia, Pa.

Seed. Giant Pansy, new crop of superb colors and selected stock. Pkt., \$1; ½ pkt., 50c; oz., \$4; 3 oz., \$10. Cash. E. B. Jennings, Southport, Conn.

Seeds. Sweet Pea for fall sowing. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed. Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, tree, shrub and palm. For nursery and florists. Write for prices. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, specialties: Lettuce, onion, sweet peas, aster, cosmos, mignonette, verbenas in variety. Waldo Rohnert, Gilroy, Calif.

Seeds. Pansy. For varieties and prices see advertisement elsewhere in this issue. Chas. Frost, Kenilworth, N. J.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Flower, sweet pea and nasturtiums. The T. D. Waller Seed Co., Guadalupe, Calif.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds. Vegetable, flower and forage. Simon Louis Freres & Co., Bruyeres-le-Chatel (Seine et Oise), France.

SEEDS.

Seed. Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

Seed. High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds. All the leading kinds for summer and fall planting. James Vick's Sons, Rochester, N. Y.

Seeds, garden, farm or flower, wholesale only. Write for prices. Kelway's, Langport, Eng.

Seeds. Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seeds. Flower and garden. Barnard Seed Store, 231-235 W. Madison St., Chicago.

Seed. For the wholesale trade only. Braslan Seed Growers Company, San Jose, Calif.

Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seed. Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seed. Flower and garden. Routzahn Seed Co., Arroyo Grande, Calif.

SMILAX.

Smilax, strong new stock, 2½-in., \$2.50 per 100; 3-in., \$6 per 100; \$50 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SNAPDRAGONS.

3,000 4-in. fine snapdragons (Keystone). A fine pink, well branched, \$8 per 100. D. G. GRILLBORTZER, Alexandria, Va.

SPIREA.

Spiraea. The latest novelties, in boxes of 25. Gladstone and Queen Alexandra, \$6.50. Extra, Mont Blanc and Philadelphia, \$8. Rhenania, \$10. Messrs. Gt. Van Waveren & Kruijff, Sassenheim, Holland. Jacob von Ginhoven, Rep., 14 Stone St., New York City.

STEVIA.

STEVIA, 2½-in. pots, \$1.50 per 100. Cash or C. O. D. James Psenicka, Grosse Point, Ill.

STOCK WANTED.

Cacti and succulent plants. Send full particulars of varieties, sizes, prices, terms, etc., to Four Oaks Spraying Co., Sutton Coldfield, Birmingham, Eng.

TO EXCHANGE.

To exchange. Rex Begonias; strong plants from 2½-in. pots for Boston ferns from 2½-in. pots. James Vicks Sons, Rochester, N. Y.

VEGETABLE PLANTS.

Celery and parsley. For varieties and prices see advertisement elsewhere in this issue. R. Vincent Jr., & Sons Co., White Marsh, Md.

VINCAS.

300 variegated vincas. Good healthy plants in 4-in. pots, \$9 per 100. M. W. STOLL, 1621 E. 74th St., Chicago. Phone Hyde Park, 5504.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

Vinca Variegata, 2-in., \$2 per 100. Elmer Rawlings, Allegany, N. Y.

MISCELLANEOUS.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grand Ave., Detroit, Mich.

Choice landscape decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., box 404, Dundee, Ill.

Cyclone and hail insurance; also insurance on growing crops while in the fields. The American Mutual Cyclone and Hail Insurance Co., Muncie, Ind.

Boiler flues, cleaned and trimmed. Stuttle's clamps and elbows to join flues. H. Munson, 1333 N. Clark St., Chicago.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

MISCELLANEOUS.

Japanese tea garden and rockery for your summer house made in a short time. T. R. Otsuka, 300 S. Michigan Ave., Chicago.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Landscape gardening. A course for gardeners, florists and home makers. The Home Correspondence School, Springfield, Mass.

Snap button badge for conventions, picnics, etc. Samples free. Gorham & Chapline Novelty Co., 542 S. Dearborn St., Chicago.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Vaughan's perfection points. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Nursery stock of all descriptions. Catalogues and price lists free on application. The Storrs & Harrison Co., Painesville, O.

Florists' Greening Pins. Box of 10 lbs., \$1.50; 5 boxes, \$7.00. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Catalogues. Large runs our specialty. Write for prices. Regan Printing House, 527 Plymouth Place, Chicago.

Baskets of every description. Write for catalogue. Raedlein Basket Co., 713 Milwaukee Ave., Chicago.

Save 25 per cent on erecting, heating and glazing. Mike Winandy, Jr., 6236 N. Lincoln St., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Umbrella Plants, 5-in., \$1.50 per dozen. The George Wittbold Co., 737 Buckingham Place, Chicago.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Folding flower boxes, all sizes. A. A. Arnold, Paper Box Co., 16-22 S. Peoria St., Chicago.

Greenhouse glass. Write for prices. Okmulgee Window Glass Co., Okmulgee, Okla.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Boilers of high grade for greenhouses. Write for catalogues. Giblin & Co., Utica, N. Y.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Blooming plants or anything in soft wooded plants. Geo. A. Kuhl, Pekin, Ill.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Hail storm insurance. John G. Esler, Sadle River, N. J.

Glass, large stock and good prices. Sharp, Partridge & Co., Chicago.

Wired toothpicks, 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Greenhouse boilers. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Emergency pipe clamps. M. B. Skinner & Co., 560 W. Washington St., Chicago.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

MISCELLANEOUS.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

GREENHOUSE INSURANCE.

CYCLONE AND HAIL INSURANCE. To get it at reasonable prices write The Hoosier Mutual, Farmland, Ind.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabasha Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

INSECTICIDES.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

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Nikoteen, for spring spraying: Aphis Punk, for fumigating. Nicotine Mfg. Co., St. Louis.

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Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

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Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

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Chicago Flower Growers' Ass'n., Chicago.
Coan, J. J., New York.
Coyle, James, New York.
Crawbuck Co., George W., New York.
Erne & Klingel, Chicago.
Ford, M. C., New York.
Ford, William P., New York.
Froment, H. E., New York.
Goldstein & Futterman, N. Y.
Gunterberg, M. C., Chicago.
Guttman & Raynor, Inc., New York.
Hart, George B., Rochester, N. Y.
Hoerber Bros., Chicago.
Holton & Hunkel Co., Milwaukee, Wis.
House of Ferns, New York.
Kasting Co., Wm. F., Buffalo, N. Y.
Kennicott Bros. Co., Chicago.
Kervan Co., The, New York.
Kessler, Wm. A., New York.
Kruchten, John, Chicago.
Kuehn, C. A., St. Louis, Mo.
Kuhl, Geo. A., Pekin, Ill.
Kusik & Co., H., Kansas City, Mo.
Kyle & Foerster, Chicago.
McCallum Co., Pittsburgh, Pa.
Meconi, Paul, New York.
Miller & Musser, Chicago.
Montreal Floral Exchange Ltd., Montreal, P. Q.
Moore, Hentz & Nash, New York.
Murata & Co., S., Los Angeles, Calif.
N. Y. Cut Flower Exchange, New York.
Niessen Co., The, Leo, Philadelphia, Pa.
Percy Jones, Inc., Chicago.
Pierson, A. N., Inc., Cromwell, Conn.
Pittsburgh Cut Flower Co., Pittsburgh, Pa.
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Pollworth Co., C. C., Milwaukee, Wis.
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Pyfer & Co., A. T., Chicago.
Randall Co., A. L., Chicago.
Reid, Edward, Philadelphia, Pa.
Reinberg, Geo., Chicago.
Reinberg, Peter, Chicago.
Rice Bros., Minneapolis, Minn.
Riedel & Meyer, Inc., New York.
Rusch & Co., Gust, Milwaukee, Wis.
Sheridan, W. F., New York.
Siebrecht, Geo. C., New York.
Thompson Carnation Co., J. D., Joliet, Ill.
Tonner, O. A. & L. A., Chicago.
Totty, Chas. H., Madison, N. J.
Traendly & Schenk, New York.
United Cut Flower Co., New York.
Vaughan, A. L. & Co., Chicago.
Weiland & Risch, Chicago.
Weiss, Herman, New York.
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NOTES.

The families of the Geny brothers are still summering at Old Jefferson Springs, but the manager, Leon Geny, comes in each day to look over things. Oscar Geny, whose health was somewhat impaired, is greatly improved.

The Joy Floral Company is overhauling many of its houses and has thoroughly renovated the boilers and heating apparatus, but the work of repair and improvement ever goes on.

M. C. D.

KNOXVILLE, TENN.—Charles Baum, father of Charles L. Baum, the well-known florist of this city, died July 10, aged 85 years. While the deceased was not actively interested in the florist business, he was a frequent visitor to his son's store and had a wide acquaintance among the trade.



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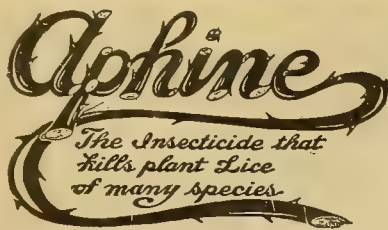
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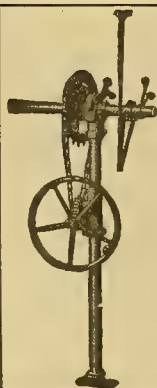


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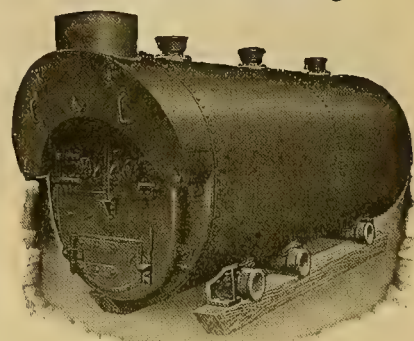
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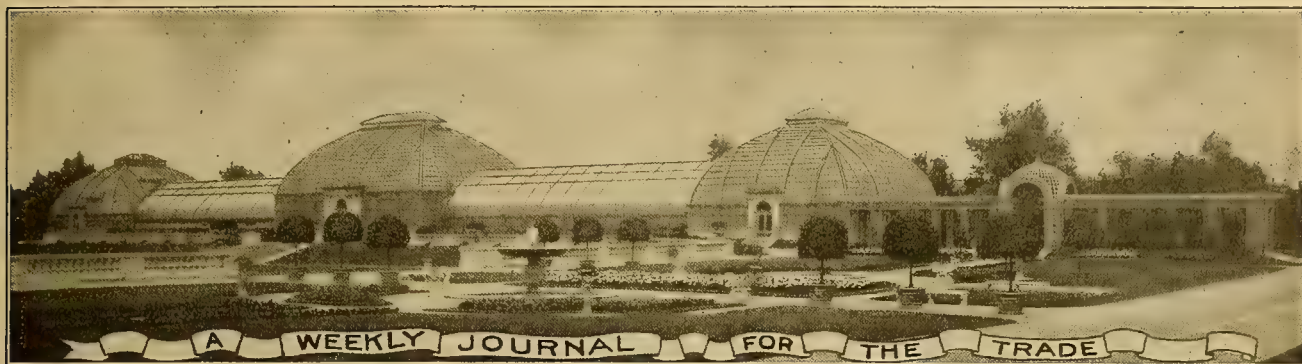
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BACTERIZED PEAT PLANT MANURE.

The Modern Fertilizer.

A few years ago the plant world was more or less electrified when it was told that the discovery of nitro-bactarine was such a wonderful fertilizer that even a slag heap could be made to produce an excellent crop of almost anything. Hopes thus engendered were not, however, realized, and the failure was eventually attributed to the fact that only one kind of bacteria had been captured for the purpose of inoculation. This was one called *Bacillus radicola*, a vigorous little chap obtained from the nodules of certain leguminous plants. Notwithstanding the first failures, the idea of harnessing the bacteria of the soil for the benefit of the horticulturist and agriculturist was not abandoned, and Professor Bottomley of King's College, London, Eng., worked energetically upon the principle of "if at first you do not succeed, try, try again."

And now it really does appear as if the persistent professor has attained success at last, after several years of continuous experiment. It appears there are several species of a micro-organism called azotobacter, but the one favored for horticultural purposes is named *A. chroococcum*. This is a kind of egg-shaped organism which has a marked tendency to form agglomeration, and flourishes best in a soil containing an abundance of lime. It also has the power apparently of being able not only to fix the nitrogen from the atmosphere, but also to transform nitrogenous bodies in the soil from unsuitable to available plant foods.

The two organisms mentioned when living apart from each other are in no way remarkable for their effect upon the soil or upon plants. But bring them together, as Professor Bottomley has done, and they seem to work so well that much larger quantities of nitrogen are secured from the atmosphere, and are thus made available for the benefit of plants.

The trouble has been to find some suitable medium in which these two micro-organisms can be cultivated to

such an extent as to make them of practical use. At last Professor Bottomley has come to the conclusion that sterilized peat answers the purpose better than anything else. Peat is available in large quantities in various parts of the world, and being almost entirely organic in its nature, affords a suitable breeding ground for the *Bacillus radicola* and the *Azotobacter chroococcum*. The peat, however, must first of all be sterilized by exposure to steam heating, so that other, and perhaps pernicious bacteria may be destroyed, or at least rendered incapable of interfering with the work of the two special kinds of nitrogen-fixing organisms.

Quantities of this inoculated peat have been used for various kinds of plants, both in the open air and under glass, and the writer has seen some of the marvelous results of the experiments. Indeed, he has himself carried out experiments with the bacterized peat (now known as "humogen"), and while the results obtained in the open ground have not been very marked on the whole, there can be no doubt at all as to the conspicuous success of the material under glass, especially in the case of pot plants. A series of severe tests was carried out in the Royal Gardens, Kew, under the supervision of Curator Watson, a pronounced skeptic as to the fads of the laboratory gardener as a rule. Such plants as zonal pelargoniums, coleus, begonias, carnations, lilliums, fuchsias, crotons, radishes, maize, etc., were cultivated with and without the bacterized peat, and in every case there was a wonderful increase in growth accompanied by earlier fruition. Various quantities were incorporated with the soil, and the curious point was that the small doses seemed to give quite as beneficial results as quantities two to four times greater. This of course shows what an economic fertilizer humogen is likely to be. In connection with the particular experiments at Kew, it must be understood that other cultural conditions were as perfect as possible. The temperature was regulated, and water was given by trained

men, while the compost was mixed and drained in accordance with the nature of the various plants.

It is obvious that such conditions cannot possibly prevail with plants cultivated in the open air. There it is not possible to secure the elaborate drainage accorded to pot plants, nor can the temperature be regulated by day and night; while it may often happen that the soil may become too wet at one period, and too dry at another, without the cultivator being able to rectify the conditions. These disadvantages must in a measure interfere with the work of the harnessed bacteria, and the only apparent way in which one might possibly assist them is by deeper cultivation. This would not only improve the drainage system, but would also increase the temperature of the soil, and liberate larger quantities of foods to be operated upon by the bacteria in the humogen.

One very interesting theory of life arising out of Professor Bottomley's experiments is that some mysterious powers of life beyond the bacteria themselves is essential to bring about the best results of growth. These mysterious powers have been called vitamins or auximones, and are regarded in the light of accessory food bodies. It has been found that the terrible "sleeping disease" or beri-beri, in human beings has been caused through constantly eating milled rice—that is, rice from which the outer layers have been artificially removed. It was noticed that those who ate unmilled rice were exempt from the sleeping sickness disease. To make quite sure of the matter, the victims of beri-beri were cured merely by the addition of a water extract of the rice polishings to their diet, or by adding the rice polishings to the diet. Similar results were obtained with fowls. Those fed entirely on milled or polished rice rapidly lost weight, and developed a nervous disease; while the birds fed on the natural unmilled rice were immune from the disease. Further, those suffering from the disease were cured by the addition of the rice polishings themselves, or in the form of a water extract. From these experiments it is concluded that something similar is responsible for the extraordinary results obtained from bacterized peat in the cultivation of pot plants under identical conditions.

There is one point, however, that requires to be cleared up. So far plants fed on bacterized peat, although remarkable when compared with the untreated ones, cannot be said to be any finer, bigger, better or healthier specimens—indeed, on the whole they are not to be compared with plants of the same nature to be seen in hundreds at almost every market nursery in England. Must we therefore assume that without any scientific knowledge of bacteria or auximones, that the practical gardener has been able to produce in his soil those very conditions which result in the production of the finest specimens? Is it possible that the real gardener knows, as it were by instinct, exactly what his plants require (without being able to give a Greek or Latin name to the various factors), and that the highly successful cultivator is born and not made?

W.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

The Aster as a Cut Flower.

Now that there is a full assortment of asters in good white, light and dark pink, and shades of lavender to dark purple, an abundant supply of material is at hand for almost all cut flower arrangements. With such a variety of form and color as that flower affords, it should be made a feature at this time and kept to the front as the flower of the season; most appropriate to be used as a cut flower for room or table decoration, to send to brighten the sick room, or a box, nicely arranged, as an acknowledgement of courtesies received. As



Cyclamen in Four-Inch Pot.
Decorated with Wire Handle and Ribbon.

about 80 per cent of the demand in summer is for funeral flowers, the aster will be found to be the most suitable flower for the work. The size of the larger flowered varieties makes them useful and economical for filling in where a solid ground is desired. A large closely made, white or purple wreath, relieved with spray or nicely arranged cluster-like formation of other colors of asters in the center or along one side, when tied with a suitable ribbon, makes one of the most satisfactory of designs. There are many different combinations that may be used in the make-up of the wreath, which is without doubt now the most popular of all set pieces. The arrangement can be very simple, as in the small size, but in the larger arrangements, in the full round or crescent forms, with the addition of palm leaves, they can be made very elaborate, as when placed on an easel or as a standing wreath, they become the most conspicuous in almost any group of design. All such work is possible with the proper manipulation of the aster alone.

With the addition of other flowers of the season, there are added grace

and color combinations that are artistic to a degree and command the limit in price. Cattleyas and lily of the valley, arranged on a solid wreath of purple asters make a very rich combination. Auratum lilies on such a background, where the piece is a large one, as in a standing design, are most elegant and showy. Easter lilies on a purple or lavender wreath, with a bunch of lily of the valley or a cattleya or two at the ribbon are very effective. Solid white wreaths, with an embellishment of white and pink Japanese lilies are very satisfactory and there are many other flowers that can be used in similar combinations. Loosely constructed wreaths of asters in their own color combinations make moderate priced and very pleasing pieces. In connection with the already prepared magnolia wreaths, for quick work, quite elaborate designs can be arranged in a very short time; pieces that will carry long distances and show up well when the boxes are opened. This is a very important feature in the wreaths, when some flowers do not keep from one day to another.

As a flower for the popular spray, there is nothing better than the aster with its long and yielding, yet efficient stem; it is one of the best for this purpose. The little cluster of only a dozen flowers, with the chiffon bow, is a beauty and all sufficient to the modest purchaser. The large flowered and long stemmed specials and the full, loosely tasselled ostrich flowered sorts, lead themselves to much more elaborate work and many handsome sprays, backed with palm leaves to hold up and add to their effectiveness are seen at this time. The double spray, so large that it can be used as a casket cover, is very efficient and satisfactory where something of importance to represent a number of persons is desired. Two large loosely constructed sprays, with palm leafed background, are tied together at the stems so as to cover a space six feet in length. The center is then filled in, the stems of the bunches making a good foundation, with the desired flowers stemmed on match sticks or pointed skewers as some call them. Many beautiful combinations are possible here. If for an elderly person, the sprays are of all purple, with the center of cattleyas and lily of the valley, or of *Lilium auratum* or of white roses and lily of the valley. Easter lilies are also good, while the white or lighter gladioli, are very efficient. Before such a piece is finished, the ribbon should be placed and the final touch of the choicest flowers placed where they are sure to show. A handsome ribbon adds much to the appearance of such a piece and should be so arranged to take the place of some of the flowers and not to cover them up as is too often the case. A looping of narrow ribbon all around such a piece, when in position, with a few flowers tied, makes a more elaborate finish and is at times a worth while addition.

In most sprays the ribbon is an important feature; in many shops it is tied around the bunch. This I think is not as good as to make the bow first and attach it with a narrow piece of ribbon. Many just tie it on with the wire that holds the bow together; it is very easy to work a wired bow when one once gets the "hang" of it, but to make the milliners' tie is much more difficult, but worth learn-



WREATH OF LILIES ON EASEL, BY HOLM & OLSON, ST. PAUL, MINN.

ing, and like many other apparently difficult things, quite easy when you know how. A very pretty finish is to place a choice flower—orchid, rose, lily, or few sprigs of lily of the valley and maidenhair or Sweetheart roses in the center of the bow, after it is attached. Such little touches are sure to be noticed and favorably commented on. Where the card is attached to the ribbons, a small bud, sprig of lily of the valley, or a sweet pea spray, caught in with the pin, which by the way should be one of the pearl headed kind, adds a finish that is well worth the trifling cost.

Very good lettering can be made of the purple aster by wrapping (with a fine stemming wire on to a long single or double No. 23 wire) bunches of the petals which can be tied to any desired width. Square or script letters can then be formed of these strands and after being trimmed with the scissors make real flower inscriptions.

Overhead Decoration.

In stores having lofty ceilings, overhead space often presents a vacant, empty appearance, being difficult to fill or decorate satisfactorily. Hanging baskets are tried, but while presentable at first, soon begin to look shabby, mainly from neglect in watering, they being difficult to reach and being immediately out of range of the eye are easily forgotten until damaged beyond relief. All such baskets should contain a zinc pan, which will hold the drip, the water being taken up as the plant dries out. The matter of their attention while occupying the out of the way place, is solved by hanging the baskets in pairs, attached to either end of a rope over pulleys in the ceiling, directly over each basket. In this way one balances the other one, being pulled down to be watered, and raising which, lowers the other for similar attention. Large, round, rattan or wicker inverted beehive shaped baskets, or others with cone points, are now made and suspended by jack chains. They are zinc lined. These baskets are admirable for large Scott, Boston or Harris ferns. Nothing could be more graceful than well grown ferns suspended in these baskets where there is space for them. They are especially suitable for skylight openings; where there is only room for one it can be balanced with a sash weight which need not be seen.

ENGLISH IVY BASKETS.

Baskets of English ivy are also graceful when suspended in this way. They should always be zinc lined to catch any drip. Henry A. Dreer, Philadelphia, Pa., filled a number of ivy baskets this season and found them very good sellers with the trade. Asparagus Sprengerii is also a beautiful stock fixture; if well arranged and protected from the dust, so as to be ready to show it may perhaps catch a committee who do not know what they want. With this foundation the addition of a handful of flowers held here and there proves very effective, and the order is clinched. This design seems especially appropriate for an elderly person. All kinds of flowers can be used, but violets, or in the summer, purple asters, with center of valley and orchids makes a very choice piece. An ivy cross, while a little tedious to make, when nicely done is much admired. Sprays of the small leaved variety relieve the sameness. The addition of a few orchids or other choice ferns in the center will give it character.

WITH THE GROWERS

Wm. Sim, Expert in Crop Succession.

The sweet pea continues to gain in popularity as a florist's flower. For years it was a welcome addition in the spring, both from under glass and the sturdy stocky blooms of the outside vines. Since the introduction of the orchid type by Anton C. Zvolanek, W. Atlee Burpee & Co. and others, to whom so much credit is due for their untiring work in development of size and coloring of this splendid strain, a wonderful impetus was given to their culture, they now being brought to such perfection that the recent introductions are as popular with the public as any other flower that seeks recognition. Their great variety of color, from purest white, through dainty tints of pink and lavender to reds, orange, lavender and purple, allow for combinations and artistic color effects that satisfy the most fastidious. No longer do they have to be crowded together, as was the case with the older grandifloras, as in the new type, stems 12 to 18 inches in length are the rule with the early cutting. Their earliness of bloom, get-

ting them in the market for the Christmas holidays, and from that time on, has made the sweet pea one of the most valuable forcing flowers.

Wm. Sim, of Cliftondale, Mass., was one of the first to force sweet peas. He was successful with the old type, and welcomed the orchid variety with open arms, being one of the first to grow it in quantity. His specialty was violets, and for many years his Princess of Wales has been the choice of the Boston market; the sweet peas were at first a side crop, but now are of as much if not more importance than the violets planted in the same houses and coming into flower with the early warm spring days when the violets are about over. Mr. Sim endeavors to keep his glass in active service all the time; his products are violets from November until Easter, sweet peas from the middle of January in earliest houses until Memorial day, the vines then being removed and tomatoes, variety, Comet, as far advanced as possible in 4½-inch pots, some of them in blossom, take their place, the crop from these being gathered from early July until fall.

The soil is not changed in the houses, but in the fall is covered with three inches of cow manure that has been out of doors all winter where it



WM. SIM'S SWEET PEAS AT CLIFTONDALE, MASS.



A CORNER OF THE PANSY SEED BEDS AT WM SIM'S, CLIFTONDALE, MASS.

becomes mellowed and made friable with the frost, which freezing, Mr. Sim believes, is very necessary. This is dug in deeply. The sweet peas are sown from September to November, so as to get a succession of crops. Each seed is handled separately, planted two and a half inches apart and the same in depth, with the rows five feet apart to allow plenty of light for the violets. As the vines get up they are supported between strings running from one inch cypress sticks or posts set about eight feet apart the length of the houses; they are kept well tied in, even up to a height of eight or ten feet. The houses run northeast and southwest; they are 30 feet in width, even span, and 18 feet to ridge pole, with a height of eight feet at the eaves.

The violets are divided as soon as through flowering, young vigorous crowns being selected, and after all the leaves are removed, planted close together in the north beds of the houses they are grown in, where they get the least sun. They soon recover and make new growth and roots. They are set out in the field about the middle of May. The Skinner system of overhead irrigation removes all danger of drought. The water supply from an artesian well is forced through the pipes by a pump run by an electric motor. Mr. Sim finds this very efficient and economical. The violets are housed in October after they have had several quite heavy frosts, which appears necessary to properly ripen the wood and set the buds. The temperature is kept low, just above freezing, as if started into growth the crop would be ruined. Warm, soft weather in the fall, which is apt to start a new growth, while

still in the field, is very injurious, as to insure the best results the plants must be hard, with well ripened wood.

The sweet peas make a slow growth at first, and do not shade or interfere with the violets until late in the season, when these latter begin to go off crop. Growing the two together does interfere somewhat with the efficiency, but the combined results are very much greater than if the house was given over to either for a separate crop. To get the earliest crops of sweet peas the temperature is raised, which shortens the life of the violets; the vines from which the first flowers were picked the middle of January were about done May 15. Houses sown later were then in full crop, while a large range from the last sowing are just coming in and will run until July. As a catch crop after the last houses of sweet peas are done, White Spine cucumbers from pots, as far advanced as possible, are planted and prove very satisfactory, there being a good demand for them in the Boston market.

Mr. Sim says the reason sweet peas drop their buds is the variations in the temperature and atmosphere. When the buds begin to show the temperature is gradually raised to 50° at night and 67° in daytime, and later in spring about 60° daytime. In cloudy weather in winter they will drop buds below 67°; there must be a lively atmosphere, but it takes experience to be able to feel the right conditions. When the air seems too heavy, run a pipe and give a little ventilation. They are never troubled with buds dropping at the Sims establishment, although it would be easy to bring about conditions that would cause them to fall. The varieties grown

are Christmas Pink or Blanche Ferry, Mrs. Skaach, Yarrawa, Venus, Orchid Beauty, White Spencer, Orange Orchid and Apple Blossom. A dark blue seedling of his own, not named, is a good one. He thinks Venus the best shaped flower. New orchid varieties will in the future be developed from seed fertilized by bees, as the keel of the orchid is sometimes open, while in the old *grandiflora* type it was always sealed. He does not save his own seed, preferring to sell all the flowers and buy from those who make a specialty of growing the seed in favorable climatic conditions.

Pansies are also a specialty here, Mr. Sim having worked up a superb strain of these popular flowers; in a long house, nine feet wide and six feet high, there are two beds with a walk down the center that were wonderful, with their wealth of fine bloom. He had been picking from these all winter, getting good length of stem, which counts so much in this flower. The soil is made very rich with horse manure. The seed is sown in the middle of June, in frames, and the beds covered with cheese cloth about 12 inches above. The plants are housed in the latter part of September, and kept very cool—down to 40° at night. A large block in the field for seed, for which Mr. Sim finds a good demand, were a wonderful sight, being so covered with flowers as to almost completely hide the foliage. A plant which he has found very profitable is the yellow polyanthus or primrose. He imported some plants a year or two ago, and has worked up a fine stock. This yellow primrose has been a feature of the Boston market the past winter. From 7,000 plants in one house, he cut 6,000 bunches for

Easter alone. He says it has paid him better than anything he has ever grown. The posts supporting this house also held sweet peas, which had furnished quite a crop of flowers without interfering with the other plants.

The primulas are divided much the same as violets, and grown during the summer in field beds about four feet in width but must be covered outside with a cheese cloth about 18 inches above the plants to give room for free movement of the hose underneath, as they have to be sprayed frequently in hot weather. They are planted in the house in ground beds like violets in late September, and flower from Christmas on to May 15. Mr. Sim has been crossing the primula and has set out 20,000 seedlings from which he expects good results. The heating plant consists of boilers with 500 horse power and were among the first to be built on the surface of the ground, Mr. Sim having a great antipathy to the old fashioned boiler pits, the condensation being brought back and returned to the boilers by pumps.

The whole establishment consists of 50 acres. A large block of this contains one million gladioli; some of the space between the greenhouses is taken up with beds of these for the earliest cutting, but most are grown in the field. The varieties are America, Mrs. Frances King, Halley, Augusta, Europe, Panama, Willie Wigman and Myrtle. Fifty thousand Darwin tulips, planted outside, were coming in just right for Memorial day. Twelve acres are planted in sweet corn, the variety being White Cory. This sells readily in the Boston market. Mr. Sim's residence, on high ground in front of a large rocky bluff, is splendidly located, affording a grand view of the whole place, and

the ocean, which is only about one mile away. Handsome evergreens and hedges adorn the driveway and lawn, while pillars of climbing roses afford a setting for the rear. These latter must be a grand sight when in flower. Taken altogether, this is one of the most successful establishments of its kind in the country, the intensive culture in the succession of crops keeping the houses working all the season round, while the outside sections fill a gap in the flower supply in summer. Mr. Sim is a thorough grower and business like in everything, the whole place reflecting his constant attention. He is also interested in promoting horticulture, exhibiting at all the national and local exhibitions, and has won many certificates, medals and other prizes.

F. G. Strout's Carnations at Biddeford, Me.

Some call them "pinks", those who grow them always talk about their carnations, and some dreamers say they are the "divine flower." To the practical grower, however, it is what the returns figure out that counts—just the common, small flower does not satisfy him, as he knows it will not show up well in the returns. With some growers, \$2 a hundred average the entire season is satisfactory, but others look higher, and in some cases the crop averages from \$3 to \$3.50. To get these latter figures, however, there must be good business methods from start to finish, everything possible in up-to-date cultural methods, selection of varieties that are most in demand, and then their disposal in the best markets.

F. G. Strout, of Biddeford, Me., took up the culture of carnations as a diversion, some years ago; he found pleasure and profit in the work and it is now a matter of business with

him, and there are few places in the United States where carnations are grown with more skill, and brought to greater perfection than here. At the time of our visit, July 21, there were two tables of Matchless that for quality and size of blooms, length of stem, and vigor of plants, were as good as seen with many growers at their best season. These were in a house, iron construction, 50x200 feet, which Mr. Strout said, while it was expensive, he felt convinced it was the cheapest in the end, and always satisfactory.

Asked as to the best cultural methods, he said he considered the matter of soil very important and always prepared the supply a year ahead. He believes he gives more thought and money to the preparation of the soil than any other branch of the business. It is composed of old sod and one-third cow manure, laid out in the field in small windrows, so that the frost is sure to get to the center and is turned several times during the season to break up any lumps and thoroughly mix it together. The soil should be very friable, as the delicate roots of the carnation will not go into a lump of any kind, even of manure, so that to get the best results it must be made easy for the roots to get at and take up the nutriment. It may sound strange, but the soil that is taken out of a house after a season's use, may be better than that that is put in for the new crop. Certain necessary elements are gone, but plants grow wonderfully in this soil out in the field, where used as a top dressing. Some chemical action has taken place by the end of the season in the house and the roots cannot get the required food to sustain their vigor and productiveness. Where roses and other plants are kept from one season to another, the top soil is removed as far as



CARNATIONS WHITE WONDER AND MATCHLESS AT F. G. STROUT'S, BIDDEFORD, ME.

(From a Photograph Taken July 21, 1916.)



R. & J. FARQUHAR & CO.'S LILIUM REGALE (MYRIOPHYLLUM), BEING INSPECTED BY BOSTON FLORISTS' CLUB, JULY 7, 1916.

possible and replaced with new. Wallace Pierson, Mr. Strout said, told him that he secured good results with washing out the undesirable elements with water, which seemed to dissolve and carry away objectionable particles and revived the soil, getting it back to the loose, open condition so that the water, air and the roots can go through. When he thought they needed a stimulant he used a light top dressing of a little bone and sheep manure and sometimes tankage, mixed with soil. This he prepared and turned several times at intervals to get the heat out. Wood ashes are also good mixed with soil.

The best varieties to grow depend on the local conditions and principally on the cultural methods of the various growers. His best varieties are Matchless and White Wonder, which were so far the best whites. Matchless was a fine shipper. White Enchantress, he found, did not ship well.

White Winsor is also one he banked on, it doing splendidly here, being a great producer. He grows this inside, the young plants never being allowed to get a check, being planted in a bed from the small pots, where they grew rapidly and from there are lifted carefully and set out on the benches in July.

The plants are "staked" with a round wire support at first; then the wires are stretched the length of the table as the plants grow, until the third or top is placed, the strings of white cotton being run crosswise about six inches apart. To stiffen this arrangement, Mr. Strout uses slight bamboo

stakes, cut the height and width of the wires as they were stretched. These are fastened with Cort's wire stake clips. This makes a rigid frame work that is always trim and in place, and is easily removed when the beds are changed. A handy contrivance to gather up these support wires is a bucket, arranged on a spindle placed at one end of the bed on which the lengths were wound up and tied separately, so as to be in order when wanted again.

Pink Delight is considered the best light pink, on account of its good keeping qualities, many stores always putting it first in their orders. Alice, another good pink, is a very pretty flower and a splendid producer. Cottage Gardens Co., Queens, N. Y., has done this variety better than anywhere he has ever seen it. Dornier's Nancy he thought one of the best of the new light pinks. Beacon is considered the most reliable red, and for a new one, Champion looked very promising. Mr. Strout gets the plants out into the field as early as weather conditions will permit. A little frost does not hurt them; they had been frozen down to the ground with him, but soon revived and came back bushy and much stronger.

As to insects, it is one everlasting struggle; syringing is best for red spider, but one has to be careful and not get the beds too wet. Nicotine is a good insecticide, but it seems hard to get it with the necessary strength. Smoking is also resorted to. Anything that will affect the bloom or luster of the stem or foliage is in-

jurious to the plants, and is carefully guarded against.

Mr. Strout believes carnations to be a more conservative crop than roses, there being a more general demand for them, at least with his trade. His season lasts 11 months in the year and his market is within a hundred miles or more in all directions. Carnations, however, will carry much farther. He secured seven first prizes at the American Carnation Society's show in St. Louis out of eight entries. This test in competition with so many good growers of the middle west, proved, he believes, that his blooms had about all the good qualities one could get out of the flower. Mr. Strout strives for quality rather than quantity. Average prices the season through, rather than the high extremes of holiday seasons, are more satisfactory to his regular trade. While some growers are satisfied with \$2, his results ran considerably over \$3, due possibly in part to his longer season. Square foot returns from the beds depend on how close the stock was planted, one row more to a table meant more flowers, but at the expense of quality, and as he is after quality, so that nearly every flower graded high, he preferred to give all the room necessary. He planted five rows on a bench of four feet and eight inches apart. Some varieties, such as Benora and Pink Delight, stand closer planting than others. He has secured 36 Enchantress Supreme to a square foot, the table averaging this amount. White Ward has produced 19 for the same space and Matchless, 19 flowers

to a plant. Mr. Strout always strives for the best, as what he called fun went with it. Satisfaction of achievement and then nearly every flower brought the top price or was first in demand on a dull market. While most of the tables were being changed, several of White Wonder and Matchless had been left to supply the summer demand and were seen in splendid condition with a wonderfully clean foliage, producing large flowers on stems from 30 to 42 inches in length. The accompanying photo is of these beds, taken July 21.

R. & J. Farquhar & Co., Boston, Mass.

New England is noted for its many beautiful estates, a great number of which are to be found in the neighborhood of Boston. Here is also the famous Arnold Arboretum, with its wonderful collection of ornamental trees and flowering shrubs, many of which are natives of China, Japan and Asia, collected in these foreign climes expressly for the arboretum. Many of these have been found to do as well here as in their native habitat and are especially valuable for lawn decoration. Requests have been constantly made for plants, which it has been impossible for the authorities of the arboretum to supply. They took the matter up with R. & J. Farquhar & Co., who now propagate and offer the most desirable of the novelties to be found here. A catalogue just issued by them contains a list of more new and rare plants of this character than has ever been offered before at any one time.

Lilium regale (*myriophyllum*) introduced first under the name *myriophyllum*, was brought from China by this firm about six years ago. It is truly a wonderful species, proving itself under every test to be extremely hardy, very floriferous, free from disease and one of the most beautiful of garden lilies. Its graceful yellow anthers, which against the white petalled background add so much to the beauty of the flower, do not drop or shed the pollen, which in nearly all other lilies is a great objection. It forces equally well with the *longiflorum*, making a beautiful specimen in a pot. At their nursery is a block of over 300,000 plants, which, during July, were a mass of flowers—a most gorgeous sight. The stems are sufficiently rigid to hold the flowers upright without stakes; each stalk carries from two to as high as six blooms, according to the age of the plant. Old established bulbs have carried as high as 38 good flowers to one stem. It is propagated readily from seed and is destined to be the garden lily of the country.

The Dedham Nurseries of the firm, containing 70 acres, are a model of up to date efficiency. Their commodious packing shed, 50x360, with its high half glass roof, affording floods of light, its adjoining and convenient office building, the immense storage cellars and sheds, one of concrete, 50x140, another surface structure 60x200, are very important and necessary fixtures. Railroad sidings admit of shipments of coal, manure and other staples being hauled economically. A large shed containing sheep manure brought in carload lots from far western Montana, is a feature. Several greenhouses, each 56x200, of King construction, were wonderfully light. Cement tables of very light weight, but strong, as seen here, should supplant wooden

structures everywhere. Supporting posts are 3x3 with side or edges and bottom of tables one inch in thickness. Mr. Farquhar believes that $\frac{3}{4}$ inch would be sufficient. One inch holes near the edges of the tables, plugged with sphagnum moss, give the necessary drainage. A large range of small houses on sloping ground, were efficient and economical from every point. They run at right angles from either side of a wide shed, and were eight feet apart to allow for snow in winter. These structures were 12 feet in width with concrete walls. The front pitch was slightly longer than the back, allowing the iron post supporting the ridge to stand on the edge of the path, over which the ventilators opened. We have never seen better planned houses. Down one side of the commodious shed was a number of concrete bins for soil, by aid of which there is stored a large quantity for winter use.

An immense stock of hardy herbaceous plants is grown here; they are seen in the greatest variety. Choice evergreen and ornamental shade trees also occupy acres of ground. An interesting feature was a block of over 300,000 strawberry plants in pots, splendid looking stock. Rhododendrons are grown in large quantities from seed; millions of them seemed to be in the baby boxes. They are grown here until large enough to be set outside, when they are sent to their Cape Cod nurseries to be grown into salable size.

A hybrid buddleia, between *officinalis* and *asiatica*, is a novelty as it is the first successful cross to have been made. It has been named *Farquharii*.

A beautiful flower which should be a great acquisition for the trade at Easter is *Hemerocallis aurantiaca major*. Its individual blooms are as large as any *longiflorum* lily, and are borne in great clusters of buds, which open to the last one. The blossom has great substance and lasts for several days. It is a gorgeous yellow in color. There are also many other interesting and valuable plants; those grown from the Arnold Arboretum stock being especially noteworthy. The business here is very satisfactory. One order filled this spring, of which they are quite proud, was for 40,000 bedding plants furnished for the planting of a large estate in Ohio. Altogether it is a most interesting and instructive place for any visitor of the craft, particularly if he has the good fortune to be shown around by the genial J. K. M. L. Farquhar personally, who appears to have the name and good qualities of every plant instantly available.

K.

Mealy Bug on Begonias.

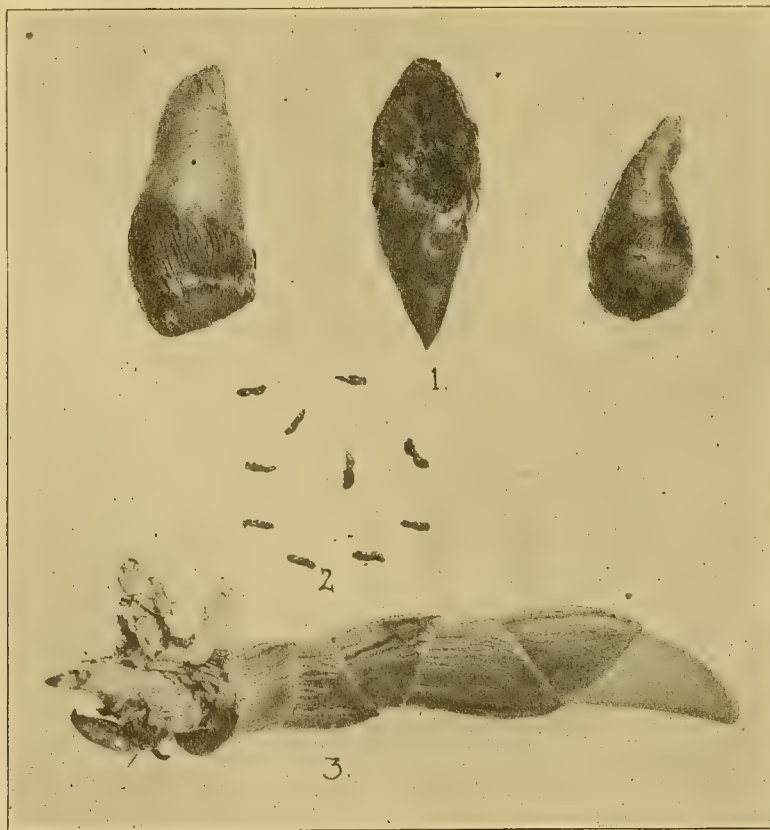
ED. AMERICAN FLORIST:

We would like to have a little information about how to rid *Cincinnati* begonias of mealy bugs. Our plants are covered with these bugs and we cannot get rid of them.

W.

In reply to your inquiry regarding mealy bug on begonias, will say that we use nicotine according to directions on bottle, spraying regularly once every week. This keeps the pest pretty well in check and we have but little trouble. If neglected, the bugs would soon destroy the plants.

J. A. PETERSON.



ORCHID FLY.

1. Three Abnormal Growths Containing Pupae, the Middle One Cut to Show Cavity and Pupae
2. Pupa Just Before Emerging Into Winged Insects.
3. Normal Growth not Attacked by the Insects. (Twice Natural Size.)—Reproduced From Missouri Botanical Garden Bulletin.

ORCHID NOTES.

Orchid Fly.

The following directions for the detection and eradication of the cattleya or orchid fly are reproduced from the Bulletin of the Missouri Botanical Garden where some considerable study has been made of this pest:

DETECTION AND ERADICATION.

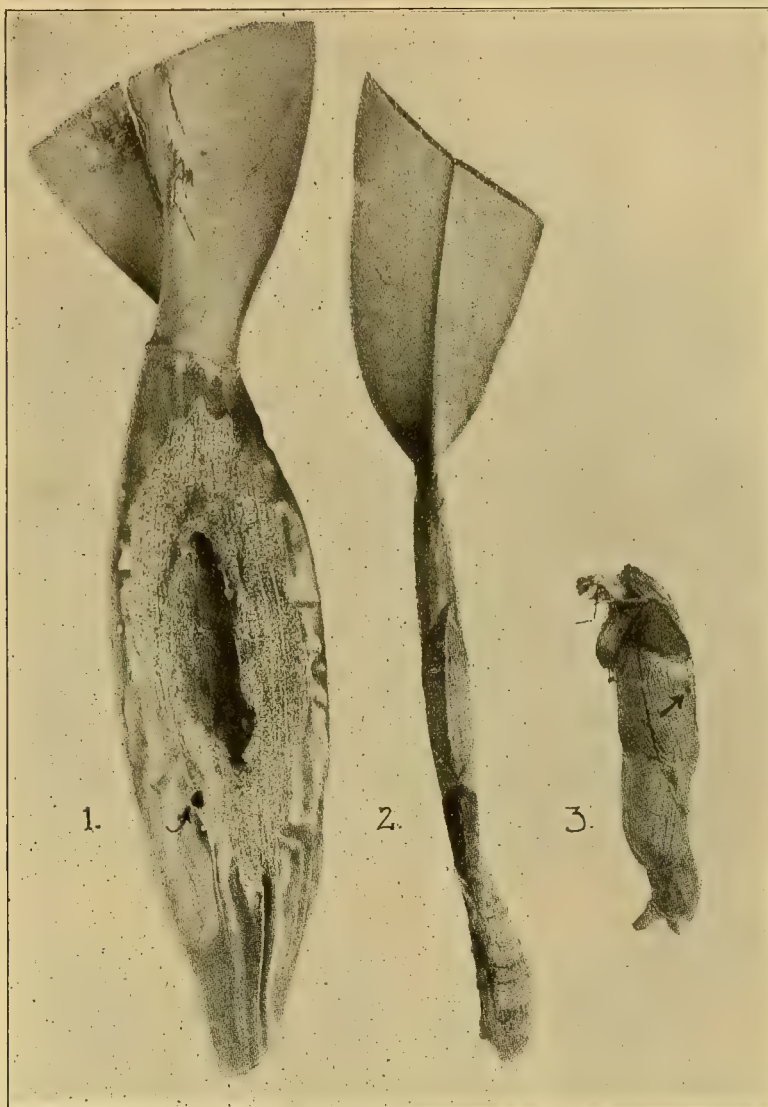
When importations arrive from South America it is almost impossible to find any traces of the pests except in the developed pseudo-bulbs, from which they have made their escape. However, it is advisable to take the precaution of fumigating with hydrocyanic gas, as there is always the possibility of the winged insect having developed in transit. After the plants have become established and the dormant eyes begin to show activity, daily examination is essential, since this is the critical period when the larvae are feeding and may be detected. The first fumigation should not be relied upon as final, because if the young growths contain eggs, it is not possible to reach and destroy them with gas.

The presence of the insect in the young growths may be detected by their abnormal shape. Under normal conditions they are strap-shaped and slightly rounded at the base. If the growths are infested with the larvae or pupae, they will appear unnaturally large, rounded and gradually tapering to a point, especially when they are about two or three inches in height. If these characteristics are noticed, there should not be the slightest hesitancy in cutting the growths off close to the parent pseudo-bulb and burning them, because each contains eight to ten small black pupae which will eventually develop into adult or winged insects. Commercial growers would no doubt hesitate to cut these young shoots because of losing the blooms. However, if they are left, the growths are finally too crippled to develop flowers and an opportunity is given the insect to reproduce. The parent pseudo-bulb is always supplied with dormant eyes or growths which will soon develop after the infested growth has been removed, and will produce flowers almost as fine as the lead, although the flowering period will naturally be a few weeks later.

CYANIDE FUMIGATION.

Even if the orchid fly has been located during its early stages, there is still a possibility that some have been overlooked and have developed into winged insects. In any case it is advisable to fumigate with hydrocyanic gas weekly until the pseudo-bulbs are well developed. This will certainly eradicate the pest in the final stage, preventing the possibility of reproduction.

Careful preparation should be made for fumigating, evening being the best time for the work. The greenhouse and plants should be kept dry the entire preceding day, the plants not to be watered under any circumstances, because of the succulent nature of the leaves. The cubic feet of space in the house should be exactly determined, the ratio to be one ounce



ORCHID FLY.

1. Normal Pseudo-bulb Cut to Show the Effect of the Larvae, With Hole Where the Insects Escaped. 2. Abnormal Pseudo-bulb Incapable of Bearing Flowers. 3. Permanently Injured Growth Showing Where the Insects Escaped. (About Natural Size.)

—Reproduced From Missouri Botanical Garden Bulletin.

of cyanide of potassium (98 to 100 per cent pure) and one ounce of commercial sulphuric acid in three ounces of water, to 2,000 cubic feet. Earthenware jars should be used, as glass jars will break when filled with the sulphuric acid. The water should be poured into the jars first, then the sulphuric acid added, and the jars placed at equal distances throughout the house. Before adding the cyanide, the steam valves should be regulated to carry the necessary temperature throughout the night. When these preparations are complete, the cyanide (previously wrapped in tissue paper to prevent contact with the hands) should be dropped into the solution by two men—one on each side of the house—and the house immediately vacated and locked, and signs attached warning against entrance.

Next morning the doors should be left open for a few minutes, and then the top ventilators opened to allow the remaining fumes to escape. It should be borne in mind that cyanide is a dangerous poison, and the utmost care is necessary in using it in fumigation.

Summer Care of Orchids.

Unfortunately, the present season has not been of the best for growing orchids. Lack of the usual amount of sunshine, with continued cold weather, cannot fail to have some effect on their growth, especially in the northern sections. Weather, such as the past spring has furnished, has been out of the question for any orchid grower to attempt to follow the precedents of any previous season, owing to the excessive rains and moisture that have been general, and under such conditions the usual commercial varieties have been best left without watering for a week at a time, nothing being necessary but to open and close the ventilators.

Now that the new growths are well advanced, a little time spent in setting over and spacing the plants out will help the new bulbs greatly. *Cattleya labiata* is naturally most advanced, and the plants will need lots of water at the roots. About twice a week pour water over the leaves and body of the plants, giving them a good soaking; also, give them plenty

of air, and then leave them alone till they dry out again. The same may be said of *Dendrobium Phalaenopsis*, but see that these plants stand in a very sunny position, with not too much shading on the roof glass above them. *D. formosum* enjoys the same treatment, and will also take water at the roots almost every day from now on until the flowers are cut, and later

bulbs to enable them to send out their blooms when needed. However, as warmer and more genial weather is in sight, the outlook is brighter, so every attention should be given to renewing any shading that may have been washed off.

Perhaps the most essential thing to look after is to see that all plants that are growing rapidly receive plenty of

unnecessary labor is wasted in caring for orchids, when conditions can so easily be made to do without damping and syringing the plants twice or three times daily. Most florists admit they know nothing whatever about the growing of orchids, yet it behooves them to take notice of a few facts regarding these plants, for in not a few cases florists have entrusted a valuable lot of new imported stock to so-called orchid growers, who have no more practical knowledge than the florists themselves. The reason, no doubt, exists in the common error that orchids must be treated differently from other plants. For many years this idea has prevailed, so that in comparison to the cost of producing other flowers, the man who grew and disposed of orchids had a little gold mine for his outlay. True, at times during the past year the prices received for orchid cut blooms has been low compared to other years, still even at this, from the investment made in buying these plants, the market is good for years to come to those who use them wisely.

C. Y. PRIPEDÉ.

Missouri Botanical Garden.

Resume of an address delivered by Dr. George T. Moore, director, before the Massachusetts Horticultural Society.

The cultivation of plants for their healing qualities by the monks of the middle ages is generally supposed to have been the forerunner of the modern botanical garden, although these mediæval gardens doubtless had their origin in others of greater antiquity. In a recent treatise on embroidery and lace by a Frenchman, the ingenious theory is advanced that the idea of a botanical garden originated during the sixteenth century in France, when the demand for flowers and fruits to serve as patterns for the designing of brocades caused the horticulturist, Gene Robin, to open a little garden, with conservatories in which he cultivated strange and little known varieties. This proved to be such a success that Henry IV purchased the establishment and under the name of "The Garden of the King," it became crown property. In 1626 the learned Guy de Brosse sug-

should always receive a liberal supply, even when it is at rest.

Oncidium varicosum is now swelling up; even now the flower spikes are showing; so, of course, they will take an abundance of water whenever they show signs of dryness, which will be every three or four days, providing there is not too much shade on the glass and a nice airy atmosphere. Sometimes small snails will eat the flower spikes just as they appear. A good way to get rid of these pests is to place the whole plant in lime water for a few minutes, for it is hard to find them otherwise.

Calanthes will now take plenty of water, and are also benefited by liquid manure just as the roots commence to run through the soil. Unfortunately, this species rarely succeeds with many growers, but when well grown it is found to be quite profitable, as the pink variety, *C. Veitchii*, is at its best at Christmas, and should be useful, as the demand for spray spikes is increasing.

Cattleya Harrisonæ is just now coming into bloom. This is a variety that generally fits in between the spring flowering sorts and *C. Labiata*. It is beautiful when well grown, but few have succeeded with this variety for many years, as it has a tendency to deteriorate. It is somewhat different from the *labiata* section, both in the shape of its flowers and its growth. The bulbs are long and slender, and appear to succeed best if kept wet at the roots when at rest, which is just opposite to the *C. labiata* section, yet it is a most useful *cattleya* to have.

All other commercial species are now sending up good strong growths, but may need every encouragement from now on to mature and ripen the

water all over them at intervals of three or four days. At the same time they must receive plenty of air; this prevents the surroundings from becoming sour and pots becoming green and slimy. A suggestion is here made to those who have been in the habit of keeping their plants in a wet, sour condition all the time, and meeting with only moderate success. Turn around and do entirely the opposite, and see the difference with less labor and still less worry.

Many years' experience with various methods has proved that very much



MISSOURI BOTANICAL GARDEN, ST. LOUIS, MO.

Main Conservatory and Pool.



MISSOURI BOTANICAL GARDEN, ST. LOUIS, MO.

Fern House in the New Range.



GARDEN VIEW AND PONDS, MISSOURI BOTANICAL GARDEN, ST. LOUIS, MO.

gested that medical students might study these plants without interfering with the designers of embroidery and tapestry. Hence the first Jardin des Plantes, with its natural history museum, came into existence. This institution served so many excellent purposes that other countries rapidly attempted to duplicate it—the author concluding with the naive statement, “Who would have thought it possible for embroidery thus to come to the aid of science?”

Unfortunately for this notion as to the origin of botanical gardens, the Jardin des Plantes was founded by Louis XIII in 1610 and although the æsthetic study of plants and of flowers must undoubtedly have appealed to those who visited the garden, just as it does today, it seems quite certain that such collections of living plants were primarily brought together because of their real or supposed medicinal value.

The function of a botanical garden as an aid to scientific teaching and research did not develop much, if at all, prior to the middle of the seventeenth century, when those at Bologna, Montpellier, Leiden, Paris and Upsala became more or less noteworthy in this respect. The taste for ornamental and decorative plants had meanwhile slowly been gaining ground, as well as the desire to cultivate rare and unusual species. Many persons of wealth and influence, during the eighteenth century, became, through the employment of men skilled in botany and horticulture, generous patrons of science. The world was searched for new and rare plants which were brought to Europe for cultivation, and magnificent vol-



Dr. George T. Mocre, St. Louis, Mo.

Director of Missouri Botanical Garden.

umes describing these collections were published. The older gardens were essentially private institutions, but later many of the existing establishments, with an increasing number of new ones, were opened to the public, either without charge or for a small admission fee.

The modern botanical garden has a number of functions which did not appear simultaneously, but were a matter of gradual development. Begin-

ning with the utilitarian idea, there were added the æsthetic, the scientific and the educational, using these words in the broadest sense. Depending largely upon local conditions, these functions have been given different degrees of prominence, some gardens being essentially æsthetic, some mainly scientific, and others combining in about equal proportions all of the elements mentioned. Certainly the modern tendency is to make the botanical garden something more than a “museum of living plants” which, however necessary, is to a large degree uninteresting and lacking in its appeal to the public.

Most botanical gardens in this country are either connected with some institution of learning, or maintained wholly or in part by the municipality. In this respect the Missouri botanical garden is unique, since it has no connection whatsoever with the city, paying taxes on all its revenue-producing property and and only indirectly being associated with Washington University, through the graduate school of botany.

The garden as it now exists is the development of the private garden of Henry Shaw, who came to this country from England in 1818 and soon after settled in St. Louis. Acquiring a fortune within about 20 years, Mr. Shaw devoted the larger part of the remaining 50 years of his life to the enlargement and management of this garden, which, although freely opened to the public, remained his private property until his death. Seeking the advice of such men as Dr. George Engelmann, Sir William and Sir Joseph Hooker, and Professor Asa Gray,

Mr. Shaw, in a will, remarkable for its breadth and farsightedness, left to a self-perpetuating board of trustees the administration of his property and, through a director, the management of the garden which he himself designated as the Missouri botanical garden.

It may truly be said that practically all the various aspects of the work of this garden at the present time, whether they be scientific, educational, or æsthetic, were conceived by Mr. Shaw and provided for in a very definite manner by his will. As funds have become available, various aspects of the work have been enlarged and it is possible that in some respects the development has proceeded further than Mr. Shaw imagined possible, but the germ of the idea may be found in his will and had he lived to the present time it seems more than likely that his own management would have produced practically the institution as it now exists.

The garden comprises about 125 acres in the heart of the city, about 60 acres of which are as yet unimproved. It is in no sense a part of the park system, being enclosed within a stone wall or fence, and pleasure vehicles are not admitted. In addition to the ordinary landscape treatment of such a garden, including the usual plantations of trees, hardy shrubs, and flower beds, there are also special outdoor collections comprising such features as the so-called 'North American tract' in which are included a systematic arrangement of a considerable number of plants hardy in the vicinity of St. Louis; a small arboretum; a medicinal garden; a large Italian garden, laid out on strictly formal lines; a so-called "Linnean garden," which takes its name from one of the older greenhouses, called by Mr. Shaw the "Linnean house," and which because it is bounded on three sides by a wall, is patterned after some of the English gardens; a rose garden; an economic garden, in which are displayed special collections of useful plants, such as rice, peanuts, tobacco, sugar cane, cotton, farm crops of various sorts, examples of vines, hedge plants, annuals and perennials suitable for growing in the vicinity of St. Louis; bee plants, herbs, small fruits, and anything which can serve as a demonstration to the public of what may be accomplished in the growing of useful and ornamental plants. Four sample back yards of varying size and treatment are included, and plans for the future contemplate the addition of various other features for which there seems to be a demand.

Within the last three years about 100,000 square feet of display greenhouses have been added, within which are maintained permanent collections of palms, economic plants, ferns, desert plants, cycads, orchids, etc. There is a floral display-house 50x200 feet, where a continuous flower show is maintained from October to July. This house is admirably adapted for the purpose and probably nowhere else in the country does the public have an opportunity for seeing such an exhibition of blooming plants. Next spring this house is to be devoted to a typical Shakespearean garden with beds, hedges, trellises, fountains, garden furniture and plants mentioned by Shakespeare, and will duplicate as nearly as possibly the Elizabethan garden of 300 years ago.



DANIEL MACRORIE, SAN FRANCISCO, CALIF.

President Society of American Florists.

In addition to the outdoor and indoor collections of plants, the garden maintains one of the best botanical libraries and herbariums in the United States, and these two features serve as most important adjuncts to the Shaw School of Botany which, with adequate laboratory facilities, devotes its principal endeavor to the training of graduate students in botany, these students receiving their master's or doctor's degree from Washington University. This school, although largely maintained by the funds of the garden is a department of Washington University. A small experimental greenhouse, just completed near the laboratory, provides the necessary working space for the graduate students. Under this greenhouse there are cellars, devoted to the experimental side of mushroom growing, as well as a large pit in which investigations concerned with the rotting and destruction of timber are carried on.

The small museum and library building, erected by the founder, is now devoted to a remarkably fine collection of specimens illustrating the diseases of wood, and from time to time special exhibitions of special interest are shown here.

In addition to the graduate students, a school for gardeners is maintained, which, because of the unique opportunities available, and the special character of the work, is perhaps not to be equaled elsewhere in this

country. Young men and women who have received a high school training or its equivalent are admitted on examination and devote three years, of 12 months each, to the practical and theoretical aspects of landscape designing, floriculture, horticulture, engineering, etc. The courses include such subjects as diseases of plants, entomology, soils, mechanical and freehand drawing, plant breeding, general and systematic botany, as well as the various more strictly horticultural subjects. The morning of each day is spent in practical work, both indoors and out, and by the end of the third year the student has had an opportunity to become personally acquainted with the definite growing methods and management of such groups of greenhouse plants as orchids, palms, tropical economic plants, desert plants, etc., as well as the actual propagation, growing and care of practically every sort of plant which can be grown out of doors in St. Louis.

While the plan and conduct of such a garden is essentially scientific, differing from most private estates or parks, the public apparently appreciates the efforts being made, since the attendance is constantly increasing. It has been amply demonstrated that a garden of this character will furnish recreation and pleasure to thousands who are not seeking merely for amusement, and every effort is made to have the



R. C. KERR, HOUSTON, TEX.
Vice-President Society of American Florists.

collections, in so far as possible, informational if not instructive. Naturally, such a place must be attractive and the mere accumulation of numbers of botanical species, crowded together, will not answer the purpose. By maintaining floral displays of plants which are either little known, or because of the wealth of bloom and color cannot be seen elsewhere, and by showing rare tropical plants which, because of their fruit or use in commerce, are known to the average individual, as well as the commoner things which are frequently read about but seldom seen, the garden is able to make a definite appeal to many. Such an institution, with the various enterprises referred to, is naturally expensive to maintain and it is impossible to do all in any one department that might be desirable. However, it is believed that the income will eventually be sufficient to support the various projects now under way and that ultimately the Missouri botanical garden will become an even greater monument to the greatest patron of botany and horticulture that this country has ever known.

DELAN, WIS.—J. P. Allyn is erecting a greenhouse at Allynhurst farm.

LANCASTER, PA.—F. A. Suiter & Co. are adding one house, 28x100 feet, to their range on Highland avenue.

PLANT NOTES.

Tulips and Narcissi.

The tulip and narcissus bulbs should be placed in the pans and boxes as soon as possible after their receipt. It does them no good to leave them lying around, and it is far better to get them in the soil as early as possible. Much of the trouble in blooming these bulbs is laid to the tardy treatment of the growers by the bulb merchants of Holland, and in case of failure they are quick to use this as an argument, as the cause. If the bulbs are planted early, they will at once start to make roots and the forcing of them is then a comparatively easy matter. Have the flats all ready, as has been written of Paper White narcissus of convenient size. Any old rose or carnation soil is good enough, but if it binds too closely, mix in a generous quantity of sand. Set the bulbs close together and pack the soil firmly around them. Have a place prepared outside and set the flats on strips of boards and water thoroughly. It is not advisable to depend upon a rain, but unless the fall is exceedingly dry they will not need further watering. Cover the pots and boxes with about three inches of soil, over which throw some old straw or

litter to prevent too rapid evaporation. Here they can remain until freezing weather sets in, when if there is a dark, cold cellar, those that are to be forced during the winter can be moved into these quarters, while those that are to be bloomed in the spring can be more heavily covered and be easily handled after the warmer days of spring arrive. If there is no suitable cellar they can be wintered outside, but it would be better to build a frame around them and cover with shutters, for it is a very disagreeable job shoveling off the snow and frozen covering during the cold winter days. Where they are to remain outside, it is better to plan about how many are to be brought in each week, and place them together so that it will not be necessary to open up too many places, but have the different varieties that are to be taken out successively placed after each other and together, and much of the hard, cold work can be dispensed with.

Decorative Plants.

The return of the customers from their country and seaside summer homes will create an immediate demand for palms, ferns and other decorative stock, and the retailer or grower who has not already prepared himself should do so at once. Plants can be purchased at this time and shipped safely, and in order to save expense they should be purchased at once before colder weather sets in, for they can be transported by freight now and after freezing weather it will be necessary that they be forwarded by express and the difference in the charges of these two methods is considerable, adding materially to the cost of the plant shipped by express. A fine assortment of palms is a necessity at this season and should be obtained at once in the salable sizes as befits the trade. Kentias and arecas from two to four feet high can be bought from \$1 to \$5 each, and are the sizes most in demand. Phoenix Roebelenii is a very decorative palm, and in the smaller sizes finds a good sale, but the larger sizes are still quite expensive, and can be handled only by high class trade. Ferns of the nephrolepis family and dracaenas will be in demand; in fact, a full line of good decorative stock is a necessity at this time in any up-to-date establishment having a retail trade. The stock on hand should now be in active growth and should not receive any check. It is well to be prepared to give these plants a little fire heat as soon as the nights become so cool that the temperature in the houses drops much below 60 degrees.

Geraniums.

All the cuttings that can be taken should be secured now, for a frost that will cut everything down may be expected before many weeks in the northern part of the country at least. In making the cutting all the large leaves should be removed, leaving only the small leaves and the top. The most economical way to propagate these fall cuttings is to insert the cuttings in 2½-inch pots filled with sifted soil, into which a liberal amount of sand has been mixed. After the cuttings have been placed in the pot, they should be given a good watering and placed on shelves, preferably near the glass,

and shaded with papers for a couple of weeks. The papers will prevent too rapid evaporation, and consequently continual watering, as the stem is likely to rot if the cuttings are kept too wet. It is much better not to wet the cuttings, after the first watering, until they show signs of wilting. A sprinkling of the foliage in the morning will carry the plants along for some time before watering the pots will be required. If cuttings enough cannot be secured the plants should be lifted and potted that a good supply of cuttings may be secured early in the winter.

Peonies

Now is the best time to move or divide peony roots. Plants that have been in one location for a number of years will grow too thick, and will not produce either so many or so good flowers as younger plants, although the peony does not produce the best quality flowers the year after transplanting. The ground in which peonies are to be planted should be well enriched and deeply spaded in preparing it for the young plants. In digging the plants, dig all around the plants and then carefully insert the spade underneath and lift the plant, taking pains that the large roots are not broken, for these pieces of root if left in the soil sometimes start new growths and if other varieties are later planted in the ground, cause a mixture. The roots can be cut up into quite small pieces, but it is better to leave three strong eyes to each piece and not divide into too small plants. Set the plant good and deep and firm and if the ground is dry, give it a good watering.

Winter-Blooming Geraniums.

The late cuttings that were saved for plants for winter blooming should now be thrifty, well-branched plants in 3-inch or 4-inch pots, and should be shifted to 5-inch pots. If they have been kept disbudded, as soon as they become well established in the 5-inch pots they will come into flower. There will be a demand for these plants as soon as the first frosts kill the outside stock and a few with flowers on them at that time will be wanted. The larger amount of the plants will not be in demand until later, and by that time the pots will be full of roots and a constant blooming plant will be assured. There may be some small, shapely plants in the field that will do for winter blooming; if so, they should be lifted and potted, but they will not bloom as well as the pot plants grown for this purpose.

Annuals and Herbaceous Perennials.

Raised from seed, their cheapness and the simplicity of their culture, combine to commend them to flower lovers. A plant that lives only one brief summer would be a poor investment of time and money if one has a permanent home, unless it has fragrance, form or color. Where a person does not own the land he lives on, but rents, and quick returns are required rather than future gain, a wealth of bloom and a pyrotechnic effect of color may be had with annuals for a small expenditure. The best results with perennials come only after the second year, or when the plants are thoroughly established; but annuals are at their best in three or four months.



J. J. HESS, OMAHA, NEB.

Treasurer Society of American Florists.

Stevia.

All stopping of stevia should cease by the middle of August and the tall-growing varieties should be potted in their blooming pots, or if to be grown in a bench, planted out. The potting of these plants should be done carefully for the plant is very brittle where the branches break from the main stem, and are easily broken. The better way is to tie a piece of raffia around the plant, and if it is very large two or three pieces before moving the plant. As soon as potted or benched place a stake in the center to keep the plant erect. Pot firmly, ramming the soil down hard with a stick or other tool. After potting, water thoroughly, and place in a shady place; the plants will wilt more or less and a light syringing will help them to recover from this, but do not keep the soil soaked, yet daily watering for those in pots will be required. As soon as the plants begin to grow remove all shade and the pots can be plunged again outside in a frame. The dwarf varieties will not require to be potted outside until early in September if planted outside, but if grown in pots should be shifted in their blooming pots, generally 6-inch, before becoming badly pot-bound.

HYATTSVILLE, MD.—Wm. Marche & Co. are adding one house, 35x125 feet, to their range here.

CHRYSANTHEMUMS

August Care of Bench Stock.

The bench stock being grown for cut blooms requires special attention from this time on. We are now entering the month of August, which means that in about two weeks some of the early varieties and early planted plants will be setting their buds. One of the principal parts of our work with these plants at present is to keep the side shoots pinched out and the sucker growth at the base of the plants removed. To pinch out the side shoots, start at the top of the plant and work down; then, if by any chance, the main shoot is broken, you have the lower one to fall back on. When it can be done the best time for this work is early in the morning; the shoots are more brittle then and are easily rubbed out.

Referring to the dates when it is safe to take the buds of the different varieties, this depends greatly on the condition of the plants and how they have been grown. Early planted plants of most of the so-called exhibition varieties will begin to set their best bud for taking around August 10. When these plants have been grown strong, the buds they set August 10-15 will develop into their best blooms,



JOHN YOUNG, NEW YORK.

Secretary Society of American Florists.

and to be sure of full double flowers, it is essential that the early buds be taken. Late propagated and late plantings of these exhibition varieties will not set their buds as early as the more matured plants, and very few of the buds will be ready for taking before August 20. The early varieties are another section which will have many of their buds ready for taking by August 15. We grow a large number of the early white variety, Patty Rose, which matures its blooms the first two weeks of October, and we have found that the best blooms of this variety are developed from buds taken about August 15. Oconto is another early variety that will shortly bud up, and any buds ready after August 15 are perfectly safe to take. This latter variety is a fine, full double white from buds taken around August 15, but flowers from buds of later date usually come loose petaled and not nearly so large or full. August 20 is a date set by growers of commercial cut blooms as a guide for taking the buds, and the buds of any variety setting after that date are taken as they appear.

In preparation of the buds appearing, be sure the plants are properly supported so that there will not be any crooked stems, and that the wood of the plants will ripen up properly. It is also very important that the plants be kept free of insects; this applies to them at all times, and more

especially at the time the buds are forming. Should the insects be allowed to get a foothold in the new-formed buds, it will be a hard job to dislodge them. During the hot dry weather, the red spider and thrips are very numerous, and the best means of eradicating them is by a strong force of water from the hose. Syringe freely and often, playing the water strongly to the underneath part of the leaves, but now that the foliage growth of the plants is so thick it is time to arrange for the watering and syringing to be done earlier in the day so that the foliage does not remain wet over night. Extra attention is also necessary as regards watering the beds. The soil is now full of roots and dries out quickly, and should be gone over twice daily if necessary.

Beds full of roots are in shape for a thin mulch of well rotted manure and soil mixed, or well rotted manure alone, according to the growth of the plants and the strength of the soil in the beds; this mulch gives nourishment to the plants and prevents the buds drying out as quickly, but do not make the mistake of putting it on too thick to prevent the air penetrating the soil.

The pompons and single varieties are growing rapidly, and the most important part of the work in caring for them is to attend regularly to the work of tying up the branches so the stems and sprays will be long and

straight. The plants require lots of water, especially now that the soil is full of roots; also, pay close attention to the syringing. The red spider and thrips attack these plants as well as the single stem stock.

When long stem sprays are wanted, rub out the side shoots to the desired length of the spray. Quite a number of the pompons are being disbudded to single stems, the same as the larger flowering varieties, and in the east are much in favor, the light pink variety, Lillian Doty, being very pretty when grown in this manner.

Watch the specimens and bush plants closely—do not let them suffer for want of water, or allow the branches to become broken for want of supports. Do not pinch back the shoots any more, but bend every energy to the building up of as large and well shaped plants as possible.

C. W. JOHNSON.

Drug Growers Cautioned.

Interruption of importations of many drugs, spices and oils made from plants has resulted in certain cases in abnormally high prices for the raw materials and the products derived from them. As a result, many people are looking into the possibility of profit in growing these crops in the United States. Many letters are received each week at the United States department of agriculture asking how to raise this or that drug plant.

In almost every case the drug plant specialists reply that it is doubtful whether the inexperienced grower can grow these plants successfully, or, if he succeeds, will find a satisfactory market for his crop. The raising of such plants, they point out, is a distinct specialty and calls for exact knowledge and skill comparable to that needed by the florist, who, to satisfy his market, not only must raise flowers, but must produce blooms at certain seasons and with unusual characteristics. Of even greater importance, however, is the fact that the total amount of drug plants that can be consumed in this country in any year is very small compared with our consumption of any of the staple crops. Overproduction in the case of drugs is more serious than in the case of staple crops, because staple crops such as corn and grain, if not sold, can be used at home for food or for feeding stock or chickens. The drug plant, however, is profitless to the grower unless a drug manufacturer will buy it for use in medicine.

It is entirely possible, for example, to grow belladonna from which is derived atropine and other alkaloids very valuable in medicine. The total amount of belladonna plants the entire country uses, however, could all be grown on a few hundred acres. Because of the present interruption in the supply of belladonna, a few domestic growers have made a profit recently from this crop. A slight expansion of the industry would quickly increase the supply beyond the demand and this, together with importation, when resumed, might soon glut the local market and leave little or no profit to the raiser, unless an export market were developed.

Digitalis, although one of the most important and valuable of heart

tonics, as a crop has relatively small monetary value. The drug plant specialists who have been developing this plant and testing possibilities of its culture in this country have done so, not merely with the idea of fostering an industry, but because this plant is so important in saving human lives that should all supplies be cut off a serious calamity would result. For the same reason the specialists have been working with many other drug plants. It was believed that the drug specialists should be ready to raise these plants in this country if for any reason the foreign supply should be entirely cut off.

For years, therefore, the department has been producing many of these plants experimentally, but when the supply of certain of these drugs failed or their prices reached prohibitive figures, a few skilled growers, with the advice of the department, were able to raise small quantities of some of the more important drugs needed in the present emergency. Thymol, widely used for antiseptic purposes, is a drug manufactured in Germany from a seed grown in India. A few days after the interruption of imports, the price leaped from \$2 to \$17 a pound. The department, however, had been experimenting with a common weed known as horsemint, which grows readily in the south, and yields this substance. This horsemint was brought into cultivation, its drug-bearing quality improved, and a simple process for manufacturing thymol from it developed, with the result last year that there was produced commercially a small quantity of this drug. The industry, however, can not be widely extended because the total consumption, as indicated by previous reports, is only about 17,000 pounds a year, an amount which can be produced probably on less than 1,000 acres.

Lemon grass, producing lemon grass oil used widely by soap and perfume makers, can be grown in Florida on land not suitable for citrus fruits. At most, however, only about \$100,000 worth of this oil is used per year in this country, and even if none were imported, only 2,000 or 3,000 acres of the grass could be raised without overproduction. Red pepper, used both as a drug and as a condiment, seems to offer one of the most promising fields for replacing an imported by a domestic article. In 1915, in South Carolina, 118 acres, yielding 152,000 pounds, were harvested. There is indication that this year nearly 500 acres may be devoted to this crop. As one acre produces nearly 1,300 pounds and our total imports in 1914 were only 8,829,487 pounds, it readily can be seen that a limited acreage would provide all the pepper this country ordinarily consumes.

Camphor trees, years of experiment have established, can be grown successfully in Florida, along the Gulf coast and in some coast regions as far north as Charleston. Only within the last seven or eight years, however, have the department specialists considered it at all feasible to grow these trees as a source of camphor. The specialists have discovered that instead of being able to take camphor from trees only once in 50 years, as has been the rule, it is possible to pro-

duce camphor each year by pruning the leaves from the trees and distilling them. The possibilities offered by this discovery led to the planting of camphor trees and there are at present 1,000 acres of trees growing in Florida. A second tract of some 18 square miles is being cleared rapidly and planted. Importations of camphor in 1914 were only about 3,500,000 pounds, valued at \$929,000. A limited area in addition to that projected should supply all the domestic camphor for which there would be a profitable demand. The specialists point out that the domestic product, when produced in any volume, must compete in price with imported camphor. It is impossible, therefore, to estimate what prices growers could obtain for their product after full importations are resumed. This is especially true because prices for imported camphor in the past have been regulated more or less by foreign control which, in the face of domestic competition, might make important reductions in the prices heretofore charged for the imported article, unless an export market be developed.

In addition to the products mentioned, there are hundreds of other drugs, oils and spices which are imported and which it is possible for this country to produce for itself. In the aggregate, the value of these imported articles is rather imposing, as the figures indicate that this country has been bringing in and using about \$25,000,000 annually of the various drugs, oils and condiments. Much of this money undoubtedly can be kept at home. The mistake made by most people who consider raising these crops is that they are inclined to consider them as staple crops, whereas the domestic demand for them is relatively small, and no foreign market has been developed for them by Americans.

At the same time those in charge of the work realize that here and there in our agriculture, where soil and climatic and other conditions are right, there is room for certain small industries. For many years there has been a distinct tendency for agriculturists to direct their energies along limited lines. This is indicated most clearly by certain types of agriculture prevailing in the south, where the farmers have confined their efforts very largely to the cultivation of a single crop. These small crops may therefore offer to a few of our farmers opportunities in highly specialized lines of production which will divert to a certain degree the activities of capital and labor from some of the crowded industries and also supply peculiar products for which the country has been spending money abroad. The drug specialists point out, however, that prices of these articles prevailing under the present disturbed conditions are abnormal and therefore should not be regarded as a safe basis on which to estimate regular returns from such activities.

The Perennial Sunflowers.

In years of scorched and withered vegetation the perennial sunflowers always prove their claim to a place in the herbaceous border. In years of plenty we are apt to look upon these

flowers as coarse and scarcely worthy of consideration; but now, when the phloxes have shed their fugacious blooms and the bulk of the Michaelmas daisies and early chrysanthemums are in the bud stage, we are only too glad to welcome the bright yellow blossoms of the perennial sunflowers. That refined, tall and graceful variety, Miss Melish, is always a beautiful sight, and in common with other members of the family appears to have been quite happy during the protracted heat and drought of June and the subsequent rainy spell. H. G. Moon, though not so well known, is equally good, and possesses the additional merit of a dwarfier habit, attaining a height of about four feet. True, its flower-stems are not quite so long, but as a border plant it is almost unequalled in its kind. Of similar height is *Helianthus rigidus grandiflorus*, the prairie sunflower, the beautiful golden yellow flowers with their central boss of brownish crimson creating a bright patch of color even when planted in the poorest soil. Apart from their value in the garden during a dry season these perennial sunflowers are admirably adapted for indoor decorations. They should, however, be cut early in the morning, have their stems slit upwards for about two inches, and then be immersed in water for two hours. Treated thus, they seldom fail to take up sufficient moisture when placed in vases to keep them fresh for several days. Unless this or some other special treatment is given, the flowers have a tantalizing habit of drooping when cut and placed in water. —London Garden.

EVERY great institution is the lengthened shadow of a single man.—Emerson.

Am. Carnation Society's Jubilee Medal.

The illustration herewith shows the front and reverse of the American Carnation Society's silver jubilee medal which has been awarded to each winner of a first premium in the competitive carnation classes at the national flower show held at Philadelphia, March 25-April 2, 1916. Fifteen medals have been distributed as follows: Cottage Gardens Co., Queens, N. Y.; The E. G. Hill Co., Richmond, Ind.; S. J. Goddard, Framingham, Mass.; Stratford Flower Farm, Stratford, Pa.; J. W. Minnott Co., Inc., Portland, Me.; Strout's, Biddeford, Me.; E. F. Leiker, Landsdowne, Pa.; A. A. Pembroke, Beverly, Mass.; W. E. Lenk, Halifax, Mass.; Wm. Graham, Greenwich, Conn.; Wm. Kleinheinz, Ogontz, Pa.; W. L. Ellis, Bryn Mawr, Pa.; A. Harvey & Sons, Brandywine Summit, Pa.; Mrs. William Austin, Rosemont, Pa., and Countess Eulalia, Elkins Park, Pa.

A. F. J. BAUR, Sec'y.

Gullett Employees' Annual Outing.

The employees of Gullett & Sons' wholesale and retail establishments, Lincoln, Ill., as shown in the accompanying illustration, spent a very enjoyable day recently when 70 of them held their annual outing at Baker's fish trap on Salt Creek, near Lincoln. The day was spent in boating, fishing and athletic contests of all kinds, including a ball game in which the cut flower department team defeated the nine of the plant department. Refreshments of all kinds were served, and the event proved to be a most delightful one.

THE ROSE.

Mid-Summer Work.

During the extreme hot weather, when the thermometer is registering 95 degrees in the shade, the temperature of an iron-frame rose house is—at noon, about 120°. This temperature can be reduced considerably by spraying over-head, under the benches and by damping down the walks to the benefit of the plants and to the relief

ly all of the available plant food will be obtained from the mulch.

Perhaps there has been an extremely early planting of roses made, which have by this time filled the beds with young feeding roots near the surface. Remember that cultivating the beds when there is the least danger of disturbing the roots is very detrimental to the growth of the plants. Stop the stirring of the soil at this stage and apply a light top dressing of old composted manure to keep the soil from baking and shrinking away at the sides of the beds. Old hot bed manure will answer the purpose quite well, as it

around on the surface and keep the soil in prime condition, besides furnishing a slight stimulating effect, promoting strong growths and good foliage. E.

Budlong's Rose Factory.

The greenhouse establishment of the Budlong Rose Co., at Auburn, R. I., about five miles from Providence, comes very near to being ideal, at least from the rose grower's standpoint. While "factory" is hardly a synonym for greenhouse, the products of the entire place and the appearance of all the houses are so uniform that the flowers may be said to be factory made, with the Budlong brand stamped on them. The Budlong Co. own and operate about 1,000 acres, most of which is farmed or used for trucking. The original business was started in 1850 and is now carried on by the third generation.

About 20 acres are covered with greenhouses, boiler sheds, packing house and other necessary buildings for this department. There are 28 greenhouses, many ranging from 400 to 600 feet in length, 30 to 35 feet in width; one is 50x700 feet, and there are some a trifle smaller—vegetable houses they call them, where plants for the truck farm are started, followed by young budded roses, and these later by chrysanthemums for flowers, of which some 30,000 plants are grown. One of the rules here is that every square foot of greenhouse space must be pulling all the time. Crops of lettuce are taken out in winter, then follow the vegetable seedlings; after that the young budded rose stock, to be succeeded by the chrysanthemums, which when cut out, leave space for the lettuce to start the new season.

The greenhouses, all frame, are of equal pitch and built so far apart (about 20 to 30 feet), that one does not shade the other. The south side is glass to within 18 inches of the ground; the north side is solid wall to eave, about eight feet high. All houses are protected with vestibuled doors. Inside, the stock of the various sorts, house after house, looks to be in the very best possible condition, full of vigorous, stocky growth, and decorated almost like the clover in the field, with a sea of buds in all stages of development. These were growing in beds about five feet in width, the plants set three in the first row, with two in the next, opposite the spaces of the first row. In this



EMPLOYEES OF GULLETT & SONS, LINCOLN, ILL., AT ANNUAL OUTING, AUG. 2, 1916.

of the employees. At times one finds the heat so great that it is not only dangerous to work inside during the hottest part of the day, but much of this discomfort can be avoided by having the employees do some of the necessary outside work (and there is always plenty to do around any rose growing establishment.) For instance, the boilers can be overhauled, thoroughly cleaned inside and out, and any other work can be tackled during the very hottest part of the day, and very often the employees are more than willing to lay off during the middle of the day for several hours, and make up the time early and late. We have found by following either of these working rules that much more work can be accomplished and the employees will as a rule appreciate this much thoughtfulness shown by their employers.

The pruning should now be getting under way and if there is much to do no time should be lost in getting this work off your hands. One of the hot day jobs is to get at the manure pile and work it over, making it as fine as possible, the finer it is broken up the better it will be for the mulch, as it will evaporate much more slowly and there will be but little waste from drying or baking on the beds. A good plan at this time, when putting on the first mulch after pruning (which should not be applied very heavy), is to scatter a thin layer of good, fresh soil over the mulch before washing it in. This will be a great protection to the mulch if enough soil is used to cover the surface nicely, but when applying the mulch, one had better wait until the first growth made after pruning has been pinched and the foliage thoroughly ripened, then, when the soil is in a condition to take a fair amount of water, apply the mulch and water by washing out the mulch in part. After several waterings the mulch can be moved over and in this way practical-

is not intended to act as a feeding medium.

The American Beauties should be growing vigorously now and will require very careful watering to avoid giving them a check, which they will receive quickly if the soil is allowed to become too dry for any length of time. And do not let these plants lie around. Keep them well tied, and although wire stakes are rather expensive, we still advocate the use of two stakes to a plant, one on each side in the row about eight inches apart. Later on, when all the air possible will be required to circulate through the plants, in order to have the foliage dry off rapidly, the practicability of the double staking of the American Beauties will be evident. Also bear in mind that the American Beauty is "some feeder" and do not be too light-fisted with her. We may state that among the very best manures for light top dressing immediately after cultivating stops, are the shredded cow or sheep manures, as these, when applied lightly, will wash



AMERICAN CARNATION SOCIETY'S 25TH ANNIVERSARY MEDAL.

way each plant had all the air and light that could be given it. They were tied to four foot galvanized iron wire stakes, supported by longitudinal wires the length of the bed. The beds held about six inches of soil, resting on a twelve-inch foundation of stones to insure perfect drainage, there being no boards between. Generous mulchings of manure are given every two weeks when the roses are growing freely. This is held in place by a 4-inch edging above the soil box. The material is fresh horse manure, straw and all, and put on by a good force of men who can finish one of these large houses inside of an hour, and is wet down with the hose immediately, there being no sign on any of the growth of burning the edges of the foliage from the ammonia.

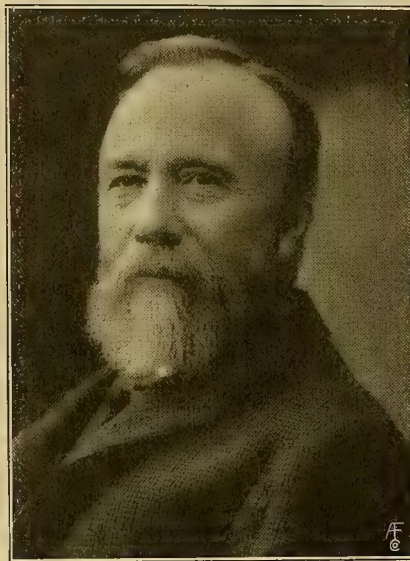
Judging from appearances, the plants were like the foremen of the various ranges, each trying to outdo the other. Depending somewhat on the condition of growth, some bore more buds than others. One house of Double White Killarney (this is the home of that famous rose), was very floriferous. Another, of Francis Scott Key, was working hard for the lead, with Mock a close second. Even Hadley had a very good showing of buds, but Mr. Budlong says Black Beauty pays more per square foot. Printed record sheets for each month are kept in the vestibules of the houses, ruled for the amount of the cut for a. m., noon and p. m., with total for the day, which in the footing shows totals for the month. Eight thousand plants in the Francis Scott Key house showed results in thousands as follows: August, 32,000; September, 32,000; October, 27,000; November, 7,000; December, 19,000; January, 11,000; February, 12,000; March, 19,000; April, 18,000. The additional hundreds of each month would mount up to several thousand more, showing a very good percentage of ruled for hourly records of day and blooms per plant. Temperature cards, ruled for every hour of the night, were placed at the thermometers in each house. A house of Indiana, a rose not very well known, was well budded and promising. Ophelia looked splendid, but Mr. Budlong thought there was danger of its being overdone the coming season, as so many appeared to be putting it in. All the stock here is grafted. A great number of young plants are seen set out on tables of about four inches of soil; this had all been mulched quite heavily with manure, and the stock looked very vigorous and strong. When transplanted, squares of earth are taken up with each plant, the roots being but little disturbed.

As the roses are kept in, three, four, and sometimes five years, what was going to be done with these tens of thousands of young stock plants was a natural query, to which Mr. Budlong replied that some of the houses were changed every year; new sorts were tried out, as the vagaries and demands of the market had to be met. Pink Killarney was now a back number, and there were others that did not come up to the square foot percentage of profit that would have to give way to those that made a better showing.

Lady Alice Stanley was seen in several houses, looking very well. The

old Maryland also appeared a favorite, judging from the quantity grown. While, as a rule, a house was filled with one variety, yet in some, those liking the same treatment were found together, as in one range were seen Lady Alice Stanley, Dark Pink Killarney, Mock and Sunburst. Milady was another sort that grew here like a weed and was full of flowers. Russell, while it looked good, was said to be too shy. Five houses in one section of assorted varieties cut over 300,000 flowers in April. While the hose was depended on mainly to keep down insects, they also used the various tobacco products, punk, etc., with good results.

Mildew is considered carelessness at this establishment; black spot was also avoidable; there was no secret



The Late John Charlton.

about it. Roses are just as susceptible to mildew as the individual to catching cold, when one places himself in a position or condition to take it. Proper clothing and diet were necessary for the man, and the same care should be given all kinds of plant life. There must be uniform attention, proper watering, air and food. They do not use bone meal, as they do not see any beneficial results from it. The compost for the beds is good fresh soil and horse manure, piled up under shelter in the fall, then cut down and well mixed when required.

Asked why cement had not entered into the construction of the houses, instead of all frame, we were told that it was believed frame was best, lasting a long time if cared for and being easily repaired when necessary. The heating is all done from a central plant by the vacuum system. The boilers are of 1,800 horse power and forced draft was provided, so that they could be increased 30 per cent if necessary in extreme weather.

"Our whole plant is laid out and worked in a way that seems best to suit our conditions," said Mr. Budlong. "Others might look us over, duplicate our system, and be much disappointed with results. Success in growing flowers means close attention to the details. One cannot afford to build houses, burn coal and provide

the other expenses and let the details of culture go; very careful attention here is necessary for success."

A trial bench of gardenias was so successful that they are to be planted on a larger scale. In addition to the large ranges of glass steam-heated frames cover acres of ground. Dandelions are largely grown in these frames, and also on the farm, where 40 acres are given up to their culture; it is cut and used the same as spinach; as many as 3,000 bushels per day were sent to market during April. Tomatoes and lettuce are largely forced in the frames, the sash being removed when the weather is warm enough. On the sunny side of all the large greenhouses are wide beds of lettuce, making good use of a space that would otherwise go to waste.

The packing house is an interesting place. Here the roses, as fast as they are brought in, are potted up and placed in large cooling rooms; then as they harden up, they are brought out and graded and remain in other cool rooms to await packing. Ice keeps the temperature wherever desired.

Everything is done on a very large scale. There are 52 horses and innumerable wagons, the farm requiring so much of this kind of motive power; also three large trucks. Asparagus was seen loose in large boxes and is sold this way by the pound, the way it has always been handled here. Lettuce is a very large crop, and there are 10 acres of strawberries. Potatoes are also given a very large acreage.

Finally, in speaking of the merits of the various varieties of roses, Mr. Budlong said that it all came down in the final analysis to the net income per square foot of house space occupied. The high price of a variety, no matter how well it sold, would not compare with another sort which only brought one-fourth the price, but produced eight times the flowers. Cecile Brunner was a two cent rose or less, but paid very well. The system here appears admirable. Each section of houses, divided according to their size, is in charge of a foreman. There is no general foreman, Mr. Budlong himself being the director general. There is not a foot of waste room, even a narrow space next the cross ends of the houses holds a box of Asparagus Sprengeri. Each house is as clean and orderly as is possible to make it. All of the stock is handled by New York and Boston, the company's own agent selling in the growers' market in Boston, and the S. S. Pennock-Meehan Co. in New York.

This is a model up-to-date establishment with "made in America" stamped all over it, and full of interest to every rose grower.

Annual Flowers for the Greenhouse.

"Are the merits of some annuals sufficiently recognized?" is a question of some importance when, combined with the production of a wealth of bloom, strict economy has to be practiced, as in many gardens to-day, owing to the exceptional circumstances employers of labor have to face. The usefulness of the schizanthus needs no comment, but some other annuals almost equally desirable as pot plants may justly claim more attention. The following varieties can be safely recommended, and where it is only convenient to grow a few, those marked

with an asterisk should receive first consideration:

Alonsoas.—Those with orange and scarlet shades of color are best.

***Antirrhinums.**—The intermediate strain is most suitable. Some pale shades are apt to be a little "washy." The new pink Nelrose is very nice.

Asters.—Useful for the autumn. Grow in the reserve garden and transfer to flowering pots.

Candytuft.—The tall ones make excellent edging plants for groups.

***Clarkias.**—Impossible to speak too highly of. (Elegans variety preferable.) These and schizanthuses make a wonderful display together.

***Godetias.**—Another extremely useful and showy family.

Larkspurs.—The taller varieties give the best results. A bold group of rich blue is very telling.

***Nasturtiums.**—These give a mass of flowers if not grown in too rich a soil. The small-foliaged ones should be chosen and those having decided tones of color.

Nicotianas.—Sutton's Miniature White is a gem for pot culture. Affinis and Sanderæ are also useful.

***Nemesias.**—Wonderfully free and showy. Effective for groundwork or edging.

Phlox Drummondii.—I can only speak of one as proved, and that is Sutton's Purity.

***Salpiglossis.**—Owing to the many brilliant shades, this is probably one of the coming plants for pots.

Stocks.—The lovely scent emitted from a few flowering plants is of itself sufficient recommendation.

Venidium calandulaceum.—A plant which does well in pots. It is bright yellow with an orange tone, and perhaps somewhat resembles gazania. Very free flowering.

Cultural Hints.—For a spring display a pinch of seed should be sown in August, September and October in a cold frame, using a light compost over some well-drained pots or pans. The seedlings may remain in the cold frame on a bed of ashes close to the glass after being pricked off, until atmospheric conditions render it necessary to remove them to safer and drier quarters. Only a few are so fortunate as to be able to devote an entire structure to annuals during the winter, so shelves in carnation and fruit houses must be made use of, as a rule. Coddling of the plants is not at all necessary, but at the same time dampness and fog must be guarded against, the latter especially so.

From the seedling stage to the flowering one nearly all annuals appreciate a light and open rooting medium and only moderately firm potting. If there is added to the compost for the final potting a little soot, wood-ash and bone-meal the results therefrom will be beneficial. Unless for some definite purpose, large pots should be avoided, for some wonderful plants may be grown in 5-inch and 6-inch pots. Alonsoas, Phlox Purity and nemesias may well be grown in 4½-inch pots, though it may be a trifle untidy, for this is much to be preferred to violating nature altogether.—H. Turner, in London Garden.

OLD BRIDGE, N. J.—Otto Warendorf is building one house, 18x75 feet.

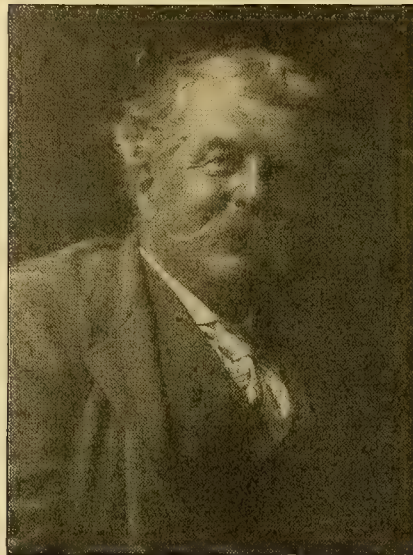
BURLINGTON, WIS.—The Burlington Floral Co. is adding two houses, each 28x130 feet, to its range.

OBITUARY.

Jackson Thornton Dawson.

Jackson Thornton Dawson, superintendent of the Arnold Arboretum, Jamaica Plain, Mass., died at his home, 1090 Center street, August 3. He was in his seventy-fifth year, and had been failing in health since last April, but his death was unexpected by his family, as his condition was not regarded as critical.

Jackson Dawson, as he was known to all his friends, was born in York, England, in 1841, and came to America when eight years of age, going to Andover, Mass., to live with an uncle who had a nursery. Here he developed a great love for plants and became a



The Late Jackson Thornton Dawson.

student of their life and later was associated with the Hovey establishment at Cambridge, Mass., at that time one of the noted nurseries of America. At the breaking out of the Civil War he enlisted and went to the front where he honorably served his adopted country. During his service in the south, he closely studied the flora of the country and gathered and sent home a valuable collection of seeds.

After returning from his service in the army he accepted a position in the school of horticulture of the Bussey Institute, and began the work of raising and cultivating the trees and laying out the grounds of the Arnold Arboretum. How well this has been done is attested by the fact that this is the greatest collection of trees and shrubs in America. By his ability as a propagator and in grafting and his knowledge of trees and shrubs he acquired an honored reputation among the horticulturists of the world. As a hybridizer of roses, especially with the multiflora, rugosa and Wichuraiana types, he produced many valuable seedlings for which he was awarded several medals. In 1910 he was awarded the George Robert White medal by the Massachusetts Horticultural Society, which is bestowed upon the man or woman, commercial firm or institution, that has done the most in the current or in recent years to advance the interest of horticulture.

Of a genial and unselfish disposition, he would freely give to a friend not only what knowledge he could impart but also anything that he possessed, and he loved to regard every one as his friend. Few ever visited him who did not leave with knowledge gained and often with some new and rare specimen for trial. He was one of the last of that coterie so long known as "The Old Guard," that helped to make Boston a famous horticultural center. He was a member of the Massachusetts Horticultural Society where he was regarded as an authority in his chosen field, of the Society of American Florists, having served on the executive board in 1895, 1896 and 1897, and ex-president of the Gardener's and Florists' Club of Boston.

John Charlton.

John Charlton, well-known nurseryman of Rochester, N. Y., and founder of the firm of John Charlton & Sons of that city, died at his home August 2, aged 80 years. He was born in Horningsham, Wiltshire, Eng., and came to America, locating in Rochester in 1857. In 1865 he entered business for himself, having secured two acres of land on which he built a greenhouse, enlarging his establishment from time to time, until he had about 150 acres under cultivation. When his sons, John A. and Joseph M. Charlton, became old enough he associated with them under the firm of John Charlton & Sons. Surviving him are his widow, two sons, two daughters and three grandchildren. The funeral was held August 4, and was largely attended. Many handsome floral tributes accompanied the remains to their last resting place.

Mrs. Louise H. Dillon.

Mrs. Louise H. Dillon, who has successfully conducted the florist business of J. L. Dillon, Bloomsburg, Pa., since his death in 1906, died at her residence in that city, July 25. The business which was founded by Mr. Dillon in 1875 has been greatly enlarged and improved under the management of his widow until it is now recognized as one of the largest in that section of Pennsylvania. Mrs. Dillon is survived by two sons, Charles H. and Harold P. Dillon, who will continue the business under the name of J. L. Dillon.

Mrs. George C. Shaffer.

Mrs. George C. Shaffer, wife of George C. Shaffer, well-known retail florist of Washington, D. C., died at her home in Brunswick, August 6, after a lingering illness. She is survived by her husband and one son, Clarence. Funeral services were held August 8 with interment at the Congressional cemetery.

Clinton De Witt Smith.

Clinton De Witt Smith, of Cornell University, died in Buffalo, N. Y., August 5, aged 62 years. He is said to have been one of the leading authorities on agricultural matters in this country.

OAKLAND, CALIF.—Miss May Black has opened a flower shop at 577 Forty-first street.

EXCELSIOR SPRINGS, MO.—Poland & Hammond have leased the range of L. R. Bever.

MANISTIQUE, MICH.—E. N. Johnson, formerly of Chicago, will erect a range at Maple and Walnut streets.

MASON CITY, IA.—F. J. Olson, one of the representative florists of Ames, Ia., contemplates establishing a branch store in this city.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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HELLEBORE for insecticide has advanced from 11 cents to 40 or more cents per pound.

Butterfield Nominee for Legislature.

S. S. Butterfield of Oklahoma City, a contributor for a number of years to THE AMERICAN FLORIST columns, has won the nomination for representative for the second district of Oklahoma county in the next legislature after a spirited campaign. Mr. Butterfield was admitted to the practice of law in Oklahoma in June, 1915.

Society of American Florists.

DEPARTMENT OF PLANT REGISTRATION.

Public notice is hereby given that as no objection has been filed, the following registration becomes complete: *Salvia splendens*, var., Elizabeth Dunbar, by John Dunbar, Rochester, N. Y. August 5, 1916.

JOHN YOUNG, Sec'y.

Carnation Stem Rot.

We have just received from the Agricultural Experiment Station, at Urbana, Ill., an elaborate bulletin on "Parasitic Rhizoctonias in America," by George L. Peltier, Associate in Floricultural Pathology, University of Illinois. This bulletin gives an exhaustive account of the stem rot of carnations but in a hurried perusal of the contents we have failed to find reference to the stem rot questions in which we are principally interested, namely prevention and cure. Perhaps the discussion of these questions has been reserved for a future bulletin.

British Bulb Importations.

Owing to certain misunderstandings which have arisen on the part of nurserymen and seedsmen as to the restrictions recently placed on the importation of bulbs into this country, the Horticultural Trades Association on Monday last interviewed the Comptroller of the Imports Restrictions Department of the Board of Trade. As a result of the representations made by the former body, through a deputation consisting of W. Cuthbertson and Geo. Barr, it was elicited that all importations from Holland, Denmark, Norway, and Sweden are interdicted, the prohibition applying no less to parcel post deliveries than to the usual shipments. In regard to certain licenses which were mentioned some time ago, as possible in the case of growers who actually possess bulb stocks under cultivation in Holland, we are informed that no such licenses will be granted. In respect to Japanese bulbs, the Board of Trade has decided that growers may import 50 per cent of the quantities they imported last year, provided shipment is effected not later than October 31 next. The new restrictions do not apply to bulb importations from France.—London Gardeners' Chronicle, July 22, 1916.

Texas Horticulturist's Invitation.

Prof. F. W. Hensel, of the horticultural department of the Agricultural and Mechanical College of Texas, writes as follows, July 25:

"Vice-President R. C. Kerr, of the Society of American Florists, has been doing yeoman service in getting up 'pep' and interest in the coming convention at Houston, and while we are all very sure that city will prove an ideal host, I would like to remind all florists who contemplate attending the convention that Houston is in Texas and not Texas in Houston, and that the rest of us, located in different parts of the state, would also like to have a hand in entertaining you. It is only a matter of two hundred miles to San Antonio, with its missions, soldiers, chile and hot tamales; only a short distance to Austin, our state capital, and although El Paso is not exactly in our near vicinity a trip to that thriving border town would be of extreme interest to everyone—inci-

dentally it would be perfectly safe, although Mexico lies just on the other side of the Rio Grande. We believe that a general exodus to Texas will follow the convention, but we do not want you to concentrate in Houston. There is plenty of room for all, and the more of you who come, the better we will like it.

"The cotton fields are in full bloom, fruits of all kinds are here for the asking, and carloads of the biggest, finest, most luscious watermelons that ever gladdened a darkey's heart are now moving—and mostly toward Houston. 'Go thou and do likewise.'"

Pittsburgh Proposed Summer Show.

A great flower show will be held in Pittsburgh in June of 1917 under the auspices of the Garden Club of Allegheny County. The proposed date is June 13 to 16. One of the largest and most centrally located halls in Pittsburgh will be engaged wherein to make the display. The plan and scope of the exhibition will be of the most comprehensive character. The choicest products of the many fine gardens in Pittsburgh and vicinity will be displayed in competition to an extent never before attempted in this city. An opportunity will also be afforded to florists, nurserymen, seedsmen and allied trades to participate therein. A preliminary schedule offering \$5,000 in prizes is now being drafted. This will be sent out to gardeners, growers and everyone interested as soon as possible so that they may have ample time to grow and prepare their exhibits.

Arthur Herrington of Madison, N. J., who has so successfully managed and arranged recent large floral exhibitions in New York, Philadelphia, Newport and other places, has been engaged as manager.

Houston Convention Rates.

In addition to the rates already quoted, the Southwestern Passenger Association announces under date of August 7 that interested lines have individually authorized an open rate of fare and one-third for the round trip from New Orleans, La., and Shreveport, La., to Houston, Tex., and return, tickets to be on sale August 12, 13 and 14, 1916, limited for return to reach original starting point prior to midnight of September 5, 1916.

MICHAEL BARKER,

Chairman Transportation Committee,
Chicago Florists' Club.

Hail.

Commenting on the recent serious hail losses recorded in our issue of July 8, page 1292, John G. Esler, secretary of the Florists' Hail Association, says: "With us Iowa and Missouri are the two states that get the money. We will pay out about \$155,000 this year. Some of it goes to parties in Missouri who have been members of the association since its organization and without a previous loss in 27 years."

Personal.

Eugene Dailedouze and wife, of Brooklyn, N. Y., returned from the Yukon, reaching Chicago late August 5, and left for home on the 7th, covering some 13,000 miles on their trip. Paul and Henry Dailedouze are making a similar trip, taking the Canadian route.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.
For Plant Advs., See Ready Reference Section.
 Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Gardener on private place, good designer, married, address.
 Key F, care American Florist.

Situation Wanted—A 1 saleslady and designer, Chicago preferred.
 Address, Key 658, American Florist.

Situation Wanted—Experienced rose grower capable of taking complete charge of large place. Expert in American Beauty roses.
 Key 663, care American Florist.

Situation Wanted—By practical all around man with 18 years experience in most all branches of the trade. Married and have family.
 Address, Key 656, American Florist.

Situation Wanted—By a competent gardener and florist, scientific and practical experience in greenhouse management and care of grounds, prefer place as head gardener or superintendent of grounds.
 Key 666, care American Florist.

Situation Wanted—Young American, 23 years old, four years' experience in growing and gardening, wishes to locate with private place. No quitter. Best references, give particulars in full.
 Address Key 664, care American Florist.

Situation Wanted—As gardener or foreman by married man, age 31; life experience in Europe and U. S. Experienced greenhouseman. Only A1 private place desired. Address
 GARDENER, 915 Sheridan Road,
 Hubbard Woods, Ill.

Situation Wanted—As gardener superintendent: English, married, age 35 years; upwards of 20 years' experience on private estates; excellent references as to character and ability; in last position ten years as head.
 Address
 PHILIP BOVINGTON,
 133 New Main Street, Yonkers, N. Y.

Help Wanted—Young man to help put up orders and work around greenhouse.
 LEVANT COLE, Florist.
 89 Weddell St., Battle Creek, Mich.

Help Wanted—First class salesman, designer, decorator and manager for a large Chicago loop retail store. Only men who can furnish unquestionable reference need apply. Also a good saleslady. For further particulars
 Address. Key 657, American Florist.

For Sale Cheap—Glass and all kinds of greenhouse material. Going out of business. Address
 838 31st St., Milwaukee, Wis.

For Sale—Good paving retail store in Chicago at a bargain. Splendid opportunity for the right party. Address
 Key 661, care American Florist.

For Sale—Good paving florist stand in one of Chicago's leading buildings for \$200 spot cash which includes all supplies, fixtures, etc. For further particulars, address,
 Key 665, care American Florist.

For Sale—Two ton panel top White delivery truck in good condition, at a big bargain. Owner who is a Chicago retail florist has two machines of the same make and will give the buyer his choice of either car at a figure that will make him buy. Car can be inspected at your convenience. For further particulars, address
 Key 654, care American Florist.

For Sale—100 boxes 10x12 and 12x12 glass, \$1.50 per box; 75 boxes 8x10 glass, \$1.00 per box; 1 Morehead Steam Trap, \$25; 1 in., 1 1/4 in. and 2 in. second hand pipe, good condition, 2c, 3c and 5c per foot; 9 Evans Ventilating Machines, including arms and hangers; also a lot of pipe hangers, 1 in. pipe and 2 in. pipe—the whole lot for \$75.
 FLORIST, 1775 Charles St., Wilmette, Ill.

Greenhouses For Sale or Rent—Three houses, each 30x90, potting shed and room for man. Lord & Burnham construction, iron frames, in excellent repair, hot water heat. Will rent to steady, reliable party for \$30 month, or will sell houses without ground for \$2,000, giving ground lease for ten years.
 J. L. DAY, Swarthmore, Pa.

Wanted to Rent—Twenty to forty thousand feet of glass near Chicago. For further particulars address
 Key 655, care American Florist.

Wanted to Rent—A small range of greenhouses in Chicago on the north side. For further particulars address
 Key A, care American Florist.

HELP WANTED.

Wanted at once a young man with some experience in the seed business, for general office work; good handwriting indispensable; and quick and correct at figures. Preference given to one used to compiling catalogue matter and getting same ready for printers. State full particulars as to previous employment, references, and salary expected. Address

R, care of Box 1449,
 New York Post Office, New York City.

"Seedsman's Assistant"

Advertiser wants copy of the "Seedsman's Assistant," by Charles Johnson. State condition of book and price.

Address
 Key 653, care American Florist.

WANTED

CACTI AND SUCCULENT PLANTS.
 Correspondence is invited from American Nurserymen in position to collect and ship rare Cacti and Succulent plants and seeds. Send fullest particulars of varieties, sizes, prices, terms, etc. Large business possible.

FOUR OAKS SPRAYING CO.,
 Sutton Coldfield, Birmingham, England

FOR SALE

LARGE "IDEAL SECTIONAL BOILER"
 Suitable for Greenhouse Heating.

Address
THATCHER FURNACE CO.
 134 W. Lake St., Chicago.

NOTICE

—OF—

STOCKHOLDERS MEETING

CHICAGO, July 15, 1916.

Stockholders of the American Florist Company:

You are hereby notified that the annual meeting of the stockholders of the American Florist Company will be held in the Rice Hotel, Houston, Tex., Wednesday, August 16, 1916, at 3 o'clock p. m., for the purpose of electing directors and officers for the ensuing term and for the transaction of such other business as may come before the meeting.

J. C. VAUGHAN, Pres.
 M. BARKER, Sec'y.

Mail Order Seed House FOR SALE.

Charles C. Cunningham, Trustee in Bankruptcy for the Mills Seed Company, of Washington, Iowa, offers the real and personal property of the Company at private sale until August 31, 1916, and if unsold then, will sell at public auction August 31, 1916, at 10 a. m.

The property consists of a 3-story brick building 40 x 100 feet with full basement, 2 lots in connection, switching rights, with stock of seeds inventoring \$16,419.35, mailing list, supplies, and full equipment of tools, fixtures, etc.

Excellent opportunity for anyone who wants to buy a going concern. Address the Trustee for full information.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
 440 S. Dearborn St., CHICAGO

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada

Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO

You need it now for names and addresses.

Will Be Pleased To Meet You

at the

HOUSTON CONVENTION

Yours Truly,

M. C. GUNTERBERG

CHICAGO'S WHOLESALE FLORIST.

158 N. Wabash Avenue,
Chicago, Ill.



Boston.

BUSINESS EXCEPTIONALLY BRISK.

The market has held up remarkably well during the past week. Prices have been far above normal on all lines of flowers, and the market cleans up well every day. Gladioli are becoming more plentiful each day, but sell fairly well at \$2 to \$3 per 100. Asters have been rather scarce, as so many growers lost their crops, and they continue to bring good prices, from \$1 to \$3 per 100 being the price on first-class and fancy grades. The dark pink varieties are selling best. The beginning of the mid-season crop has arrived and are in good demand. Roses are bringing mid-winter prices on good quality stock, though there is not much demand for the small first crop flowers, which are always on hand at this season. Francis Scott Key and Ophelia are the best sellers, bringing from \$2 to \$10 per 100. Carnations are very scarce, but there is practically no demand as the quality is so poor; \$1 per 100 is about the limit in price.

NOTES.

The severe storm which swept over this section July 31 caused quite a lot of damage in Saugus and Revere. The wind damaged to a great extent the large crop of corn grown by Wm. Sim of Cliftondale, besides blowing out a large quantity of glass at his greenhouses. Thos. Roland, at Nahant, also lost considerable glass, the estimate of amount of damage being \$250.

Edward Welch, of the new firm of Welch's at 180 Devonshire street, is spending a vacation at Old Orchard, Me. David Welch is managing the business during his partner's absence. They are very well pleased with the trade which they have acquired since beginning business. They now are

shipping a fine lot of gladioli and asters.

F. L. W.

Jackson Dawson, known throughout the world as an authority on American trees and shrubs and their propagation, long identified with the work of the Arnold Arboretum, died at his home in Jamaica Plain, Mass., August 3. Some account of Mr. Dawson's life and work will be found in our obituary column.

Buffalo Florists' Club Outing.

The annual outing of the Buffalo Florists' Club, which was held at the Automobile Club grounds, August 2, proved to be the most successful in the history of the organization. The attendance far exceeded the expectations of the arrangements committee, but the 193 who were at the dinner table were well taken care of. With few exceptions, all stores or greenhouses between Buffalo and Batavia were well represented. A splendid programme of athletic events had been arranged and was hotly contested in nearly every instance. The ball game came first, and while the score was close, the team composed of storemen captured the honors from the greenhouse aggregation. In the tug-of-war, the greenhouse team won "hands down" for want of competition. The grounds were ideal for an outing in a pretty spot 18 miles from the city, and while there were no "snow banks," there were plenty of automobiles and no walking, and although it was a long way from the "trestle" it was not so far from home. President Brucker, Wm. Grever and Ed. Stratmeyer, who composed the outing committee, are certainly entitled to much credit for the splendid time enjoyed by all present.

BISON.

Lowell, Mass.

This thriving manufacturing city, with more than 100,000 population, has a very busy business section in Merrimac square, and in this vicinity will be found a number of up-to-date establishments. J. J. McManmon at 6 Prescott street, just off the square, handles seeds in addition to cut flowers and plants. Much of his stock is grown at his greenhouses at Brookside, a suburb of this city. This store is large, well stocked and presents a very live appearance.

Morse & Beals, 8-10 Merrimac square, have a busy shop, purely retail, where everything is most conveniently arranged so that all orders can be filled with dispatch. A good stock of flowers always fills the case.

R. A. Griffith makes a specialty of funeral work. He appears to be a hustler and a good stock of cut flowers is the rule here.

Whittet & Co., 293 Central street, have a shop that is most complete in its appointments, not the least of which is a very handsome delivery wagon. A satisfactory season's business was reported.

W. H. Collins, on Gorham street, utilizes every foot of space in his busy shop, a gallery in the rear providing storage space and room for the office. He takes pride in his window decorations.

H. B. Green, of the Highland Conservatories at 175 Stevens street, handles plants and cut flowers and grows quite a stock at his establishment.

George A. Tyrell has a well appointed, up-to-date shop. He is the youngest florist in the city, but looks like "a comer." Some very good work was seen here.

**EVERY FLORIST BUYING STOCK IN THE GREAT
CHICAGO WHOLESALE MARKET WILL PROFIT
BY READING THIS TIMELY ADVERTISEMENT.**

TO make a long story short we wish to state that we represent over seventy-five expert growers who have in many cases recently increased their glass area to such a large extent that we will find it necessary to add many new customers to our list, and will be pleased to hear from responsible interested parties who wish to make permanent connections with a reliable house, whose management makes it a rule never to disappoint a customer. Our supply of Cut Flowers will be extraordinarily heavy and will consist of everything grown for The Great Central Market. So if you desire to get the best stock obtainable in the Chicago Market at all times at the most reasonable prices, become one of our customers at your earliest possible opportunity. -- --

The Chicago Flower Growers Ass'n.
Wholesale Growers of Cut Flowers and Plants

182 North Wabash Avenue,

**L. D. Phone
RANDOLPH 631.**

CHICAGO

DROP IN AND SEE US

WHENEVER YOU ARE IN CHICAGO

You are invited to make our store your headquarters whenever you are in the city. We are located in the heart of the Wholesale Cut Flower District and assure you that we will gladly do what we can for you while you are here.

If there is anything that you need in Cut Flowers and Greens at any time, remember, that we are always here ready to serve you.

ERNE & KLINGEL

Wholesale Florists

30 E. Randolph St.,

L. D. Phone
Randolph 6578.

Chicago, Ill.

Mention the American Florist when writing

A Cordial Invitation

is extended to all local and visiting florists and their friends to call and see our stock of plants either before or after returning from the Houston Convention.

Decorative and Blooming Plants

Blooming Plants for Christmas and Easter a Specialty

Take Garfield Park branch of the Metropolitan Elevated to Cicero Ave., walk four blocks north and one block west, or take Madison St. car to Cicero Ave., walk two blocks south and one block west.

FRANK OECHSLIN,

4911 W. QUINCY STREET,
CHICAGO, ILL.

Mention the American Florist when writing

Louisville, Ky.

H. S. Niswinger, assistant state entomologist, has just examined the nurseries in this vicinity. The law does not authorize the examination of florists' stock, and, as they do not get any certificate, often have trouble in getting the express companies to forward shipments of plants.

There has been considerable funeral

work of late, but stock of all kinds has been poor in quality, with the exception of gladioli.

The F. Walker Co. had the decorations for the Klauber wedding, using lyrata foliage, gladioli and lilies in profusion.

E. G. Reimers & Sons Co. have about completed remodeling and building and their stock appears to be in fine condition.

August Baumer entertained the members of the Society of Kentucky Florists with a bountiful repast following the recent meeting of the organization.

Wood, Stubbs & Co. are growing gladioli of the better varieties in quantity and are selling many blooms to the local trade.

H. G. W.

FIELD-GROWN CARNATION PLANTS

Extra fine stock ready for immediate shipment. Order what you need from the list below and you will not be disappointed.

							Per 100	Per 1,000
PINK ENCHANTRESS,	-	-	-	-	-	-	\$5.50	\$50.00
WHITE ENCHANTRESS,	-	-	-	-	-	-	5.50	50.00
PHILADELPHIA,	-	-	-	-	-	-	5.00	45.00
WASHINGTON,	-	-	-	-	-	-	5.00	45.00
ROSETTE,	-	-	-	-	-	-	5.50	50.00
VICTORY,	-	-	-	-	-	-	5.00	45.00
CHAMPION,	-	-	-	-	-	-	5.50	50.00
WHITE WONDER,	-	-	-	-	-	-	6.00	55.00
MATCHLESS,	-	-	-	-	-	-	6.00	55.00

WIETOR BROS.

Wholesale Florists

162 N. Wabash Ave.,

CHICAGO

AN INVITATION

is extended to all visiting florists and their friends to visit our establishment while they are in the city before or after returning from the Houston Convention or at any other time that may suit their convenience. We handle everything in Supplies and Cut Flowers and would be pleased to have you inspect our line whether you are in the market for any goods at present or not.

Greetings and Best Wishes To The S. A. F. & O. H.

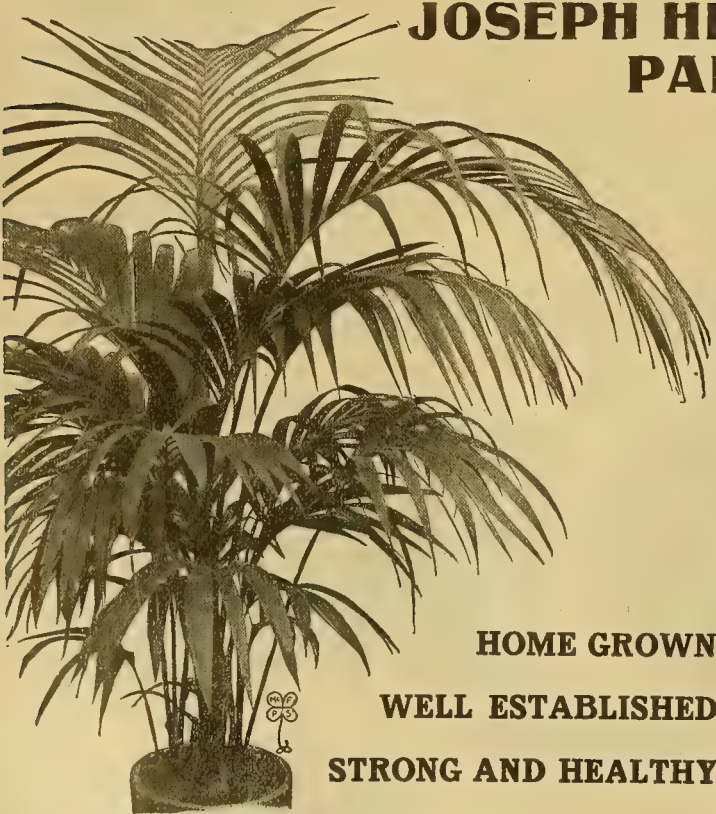
and all visitors to the Houston Convention and the Southern Florists who have spared nothing to make this thirty-second annual meeting the success that it deserves to be. We hope everyone who attends has a joyous time and that the Society may soon increase its membership so that it will include every florist in America.

O. A. & L. A. TONNER

WHOLESALE CUT FLOWERS, GREENS AND SUPPLIES

30 East Randolph St., Phone Central 6284 CHICAGO, ILLINOIS

JOSEPH HEACOCK COMPANY'S PALMS AND FERNS



HOME GROWN
WELL ESTABLISHED
STRONG AND HEALTHY

CIBOTIUM SCHEIDEL.

Ready September 1st. Each
9-in. tub, 4 ft. spread.....\$ 4.00
9-in. tub, 5 ft. spread..... 5.00

ARECA LUTESCENS.

In. high Each
6-in. pot, 3 plants in pot....24-30 \$1.00

COCOS WEDDELLIANA.

In. high Per doz. Per 100
2 1/2-in. pot 6-8\$ 1.50 \$12.00
2 1/2-in. pot 10-12..... 2.25 18.00

KENTIA BELMOREANA.

Leaves In. high Each Per doz.
2 1/2-in. pot4 8-10..... \$ 1.50
3-in. pot5 12 2.50
4-in. pot5-6 1545 5.00
5-in. pot6-7 18-20..... .75 9.00
6-in. pot6-7 22-24..... 1.00 12.00
6-in. pot6-7 26-28..... 1.50 18.00
6-in. pot6-7 30 2.00 24.00
7-in. cedar tub.6-7..... 34-36..... 3.00 36.00
7-in. cedar tub.6-7..... 38-40..... 4.00 48.00
9-in. cedar tub.6-7..... 40-42..... 5.00 60.00
9-in. cedar tub.6-7..... 48-54..... 7.50

Ready Oct. 15.
9-in. cedar tub.6-7.....5-5 1/2 ft 10.00

KENTIA FORSTERIANA.

Leaves In. high Each Per doz.
6-in. pot5-6 24 1.00 12.00
6-in. pot5-6 30-32..... 1.50 18.00

KENTIA FORSTERIANA, Made-Up.

In. high Each
7-in. cedar tub, 4 plants in tub.....30-36.....\$ 3.00
7-in. cedar tub, 4 plants in tub.....38-40..... 4.00
9-in. cedar tub, 4 plants in tub.....40-42..... 5.00
9-in. cedar tub, 4 plants in tub.....42-48..... 6.00

Ft. high
9-in. cedar tub, 4 plants in tub.....4-4 1/2..... 7.50

Ready Oct. 15.
12-in. cedar tub, 4 plants in tub..... 5 10.00
12-in. cedar tub, 4 plants in tub.....5-5 1/2..... 12.00
12-in. cedar tub, 4 plants in tub.....5 1/2-6..... 15.00
12-in. cedar tub, 4 plants in tub..... 6-7 18.00
12-in. cedar tub, 5 plants in tub..... 7-8 22.00

PHOENIX ROEBELINII.

7-in. tub, 24 in. spread, 18-24 in. high.....\$ 2.50

JOSEPH HEACOCK CO.,

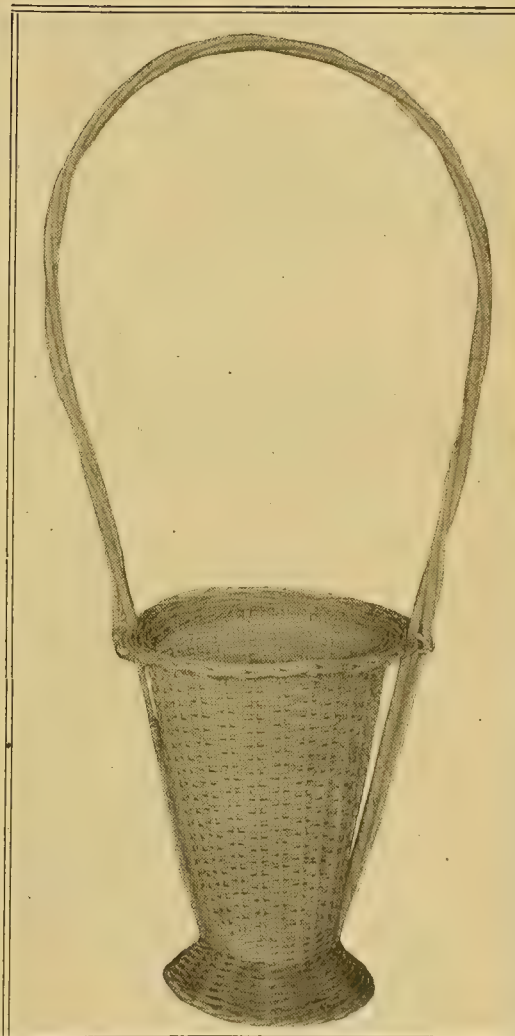
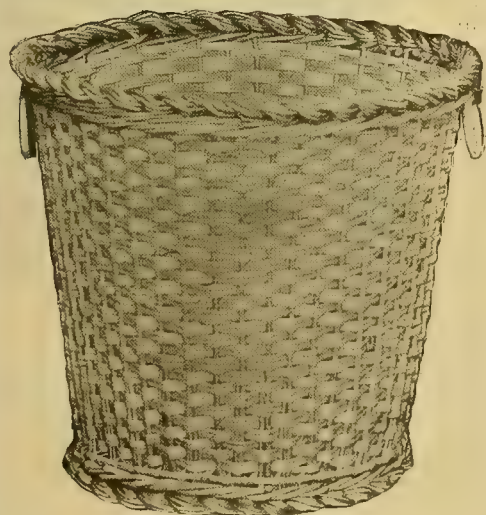
Railway Station, Wyncote, Pa.
Jenkintown.


RAEDLEIN BASKETS

are recognized as the leader everywhere and this season our line is more complete, larger and better than ever.

We Manufacture Everything

that you need in the basket line for cut flowers and plants including the two illustrations shown herewith which can be used to good advantage in pushing palms, ferns, American Beauty, Mrs. Chas. Russell and other long stemmed flowers such as Chrysanthemums, etc. It will pay you to inspect our line, so bear this in mind whenever you are in the city.



 **Write for our new catalog.**
Now on the press—a postal will do.
You cannot afford to be without
it if you use any baskets at all.

To Reach Our Store — Take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our Door.

RAEDLEIN BASKET CO.
713 Milwaukee Ave., CHICAGO, ILLINOIS.

The Florist Supply House of America

Will be glad to extend you a courteous and welcome invitation to inspect and visit our special exhibit at the Convention Hall, Houston, Texas. Everything new and novel. Representatives will be there to wait upon you.

Every florist welcome to make their headquarters at our exhibition space.

H. Bayersdorfer & Co.

1129 Arch Street, Philadelphia, Pa.

Holland Grown Bulbs

HYACINTHS, TULIPS, NARCISSI, ROSE BUSHES, ETC.

Write for information about the **MAMMOTH AUCTION SALES** that we will hold during the coming Fall Season, of Holland's latest and choicest varieties.

The MacNiff Horticultural Company

52, 54 and 56 Vesey Street The Largest Horticultural Auction Rooms in the World NEW YORK CITY

Washington, D. C.

ASTERS AND GLADIOLI BULK OF SUPPLY

Stock of all kinds is on a par with the business. Just at present it is impossible to get good roses, and the stores have to resort to asters and gladioli to meet requirements of almost every kind. Lily of the valley is scarce, as is the orchid supply.

NOTES.

Geo. Gauldman, after enjoying his vacation at Atlantic City, is back on the job with a beautiful tan complexion. But, how did you get it, George?

Mrs. Geo. C. Shaffer, wife of the well-known retailer of 900 Fourteenth street, N. W., died at her home in Brunswick, August 6, after a lingering illness.

F. H. Kramer is cutting from 2,000 to 4,000 gladioli every day, and has little trouble in disposing of all of them.

From all reports the local delegation to the S. A. F. convention will not be a very large one.

M. Redman, of S. S. Pennock-Meehan Co., is enjoying his vacation at Atlantic City.

Fred Miller has been laid up during the past week with an attack of acute indigestion. G. C. D.

Albany, N. Y.

CLUB MEETING.

Twenty-seven of the members of the florists' club journeyed to Newtonville to attend the August meeting, which was held at Henkes Brothers' place in the country. Louis H. Schaefer, chairman of the entertainment committee, reported progress on the plans for the annual clambake to be held at Henkes Brothers' grove, Newtonville, August 19. Chairman Schaefer reported 86 tickets pledged, with the prospect of a considerable number of others. If the day be fair, the attendance should easily be 100 persons or more. In answer to an inquiry from one of the members, it was announced that the price of children's tickets for the bake

will be 75 cents each; men's tickets, \$2.00 each, and women's, \$1.25 each. Robert P. Corbin of 512 Yates street, whose name was proposed at the July meeting, was unanimously elected a member. A paper on "Seeds" was read by Louis H. Schaefer, who has spent many years in the business. In brief, Mr. Schaefer showed that the bulk of the vegetable seeds are grown in this country but the greater percentage of flower seeds still come from abroad. Edward P. Tracey, of the Rosery, 23 Steuben street, was instructed to read a paper on the retail business in Albany at the September meeting. All papers presented hereafter at the club meetings are to be limited to 15 minutes each. The meeting was adjourned at 9:55 o'clock for a social hour and refreshments supplied by the hosts. The September meeting will be held at the home of F. A. Danker, 744 Central avenue.

R. D.

Haverhill, Mass.

There are several wide awake retailers in the trade in this city who are after business all the time. Charles H. Kaulbach, 28 Main street, with large greenhouses in the suburbs, is quite a factor in the trade, having the oldest establishment. His daughter manages the store, most of his time being taken up with the growing of plants and flowers, all of which stock is sold at retail.

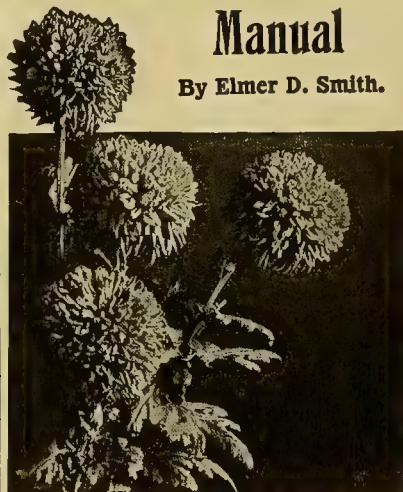
The Haverhill Rose Conservatories of W. F. Eaton, comprise over 20,000 feet of glass. Roses are the main crop, together with a house of carnations. The stock has done very well the past season and he found a good market for all he could grow.

Yoffe Brothers, 5 Main street, are two live wires, who although comparatively new in the trade here, are much pleased with the way their business is growing. A good looking delivery car is an attractive feature.

Karl S. Brackett, 38 Winter street, in business but a little more than one year, is well satisfied with his progress and prospects, his first sea-

The Chrysanthemum Manual

By Elmer D. Smith.



NEW AND REVISED EDITION.

Price 50 Cents. Cash With Order.

AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO.

son being much above the mark he had set for it.

Frank Leuth & Son, Primrose street, are growers for the trade and have a good stock of ferns and other foliage plants. Christmas and Easter stock is also grown in quantity.

Chas. Emerson & Sons have a very nice stock at 39-41 Merrimac street, and are on the job for all that comes their way.

John B. Minton, 35 Main street, has quite a commodious store, well equipped for the business.

K.

Robert Craig Company

We respectfully call the attention of the trade to our
Large Stock of FOLIAGE and FLOWERING PLANTS.

CRAIG QUALITY CROTONS

Crotons have long been a specialty with us. We have this year grown only the Standard Sorts, together with our new Seedling Varieties, all of which are the best suited by reason of their high colors and handsome foliage for florists' use. We offer them in all sizes from 3-inch pots for basket work up to handsome made-up plants in the largest specimens.

CRAIG QUALITY FERNS

Our stock of Ferns comprises over 150,000 plants in sizes from 2-inch pots up to handsome pedestal specimens. We have never before been able to offer such quality in quantity. Varieties are: **Teddy, Jr., John Wanamaker, Smithii, Todeoides, Scottii, Scholzellii, Elegantissima Improved, Harrisii,** and others.

CRAIG QUALITY FICUS

The Ficus is another of our specialties.

FICUS PANDURATA, FICUS UTILIS

We grow much the largest stock of these varieties in this country, in all sizes from 6-inch pots up to noble specimens in tubs.

CRAIG QUALITY DRACAENAS

Strong, splendidly colored plants of **Terminalis, Massangeana, Lord Wolseley, Kelleriana, Godseffiana, Sanderiana.**

CRAIG QUALITY CYCLAMEN

Some 60,000 of them, the largest and best grown stock ever seen in this country. All sizes from 2 to 8-inch pots.

We also offer large stocks of **Areca Lutescens, Pandanus Veitchii, Phoenix Roebelenii, Gardenia Veitchii, Hydrangea Otaksa,** and the best French varieties, **Otaheite oranges, Begonias Cinnamati and Lorraine,** and many other meritorious plants.

Send for our illustrated Free Catalogue which contains our entire list of plants.

Visitors to Philadelphia are cordially invited to visit our greenhouse plants at 49th and Market and Norwood, Pa.

ROBERT CRAIG COMPANY,

Norwood, Pa.

4900 Market St., Philadelphia, Pa.

DREER'S ARAUCARIAS.



ARAUCARIA (NORFOLK ISLAND PINE)

We have a good supply of Araucarias. You gain the benefit not only of a good part of the summer's and fall's growth by laying in your supplies now but to many points shipments by freight can now be made with safety at a saving of transportation charges.

Araucaria Excelsa

	Each
4-inch pots, 5 to 6 inches high, 2 tiers.....	\$0.30
5-inch pots, 8 to 10 inches high, 2 to 3 tiers.....	.40
5-inch pots, 10 inches high, 3 tiers.....	.50
6-inch pots, 10 to 12 inches high, 3 to 4 tiers.....	.60
6-inch pots, 12 to 15 inches high, 3 to 4 tiers.....	.75
6-inch pots, 16 to 18 inches high, 4 tiers.....	1.00
7-inch pots, 18 to 20 inches high, 4 to 5 tiers.....	1.25

Araucaria Excelsa Glauca

	Each
5-inch pots, 8 to 10 inches high, 3 tiers.....	\$0.75
6-inch pots, 10 to 12 inches high, 3 to 4 tiers.....	1.00

Araucaria Robusta Compacta

	Each
6-inch pots, 12 inches high, 2 to 3 tiers.....	\$1.00
6-inch pots, 14 to 16 inches high, 3 tiers.....	1.50
7-inch pots, 18 to 20 inches high, 3 to 4 tiers.....	2.00

The above prices are intended for the trade only.

HENRY A. DREER, 714-716 Chestnut St., PHILADELPHIA, PA.

Mention the American Florist when writing

Canadian Horticultural Association.

The nineteenth annual convention of the Canadian Horticultural Association was called to order in Janzen hall, Berlin, Ont., August 8, the three-day programme including many features of interest. The visitors were welcomed to the city by Mayor Hett and following the response by E. B. Hamilton, London, President F. W. Adams delivered his address, which was followed by a discussion. The reports of the secretary-treasurer, plant registration committee and the tariff committee were presented, after which a paper entitled, "Commercial Ferns," was read by E. J. Hayward of Montreal. At the close of the first session, automobiles were in waiting and the visitors were taken on a sight seeing tour, among the points of interest visited being the Janzen greenhouses, Waterloo Park and the trial grounds of the Ontario Seed Co. At the evening session two very interesting papers were read, "Success With a Home Garden," by Geo. H. Baldwin, Toronto, and "Commercial Culture of the Peony and Dahlia," by Harry Tatle, Toronto.

Other interesting papers included in the programme were the following: "Bedding Plants," by Frank Wise, Peterboro; "Gladioli," by John A. Campbell, Simcoe; "Problems of the Retailer," by H. Dilleuth, Toronto; "Outdoor Roses," by J. Luck, Montreal.

The local committee in charge arranged a delightful programme of entertainment for the guests, auto trips being made to a number of the florists' establishments in Berlin and Bridgeport, with a base ball game at the latter place, followed by a supper. A visit to the model farm at Guelph was also included in the itinerary.

HILL'S CHOICE LANDSCAPE, DECORATIVE AND FORCING STOCK FOR FLORISTS' TRADE

Boxwoods—Pyramids, Standards, Globes, Bush, Dwarf—one of our leading specialties. Stocked in enormous quantities.

Bay Trees—Standards, Half-standards, Pyramids. We can save you money and give better quality. Let us prove it.

Hardy Tubbed Evergreens—Clipped specimens in Taxus, Thuys, Juniperus, Abies varieties in Pyramids, Globes and natural-shaped, in large assortment.

Araucarias—Best sorts, best values, in both small and large sizes, for immediate effect and growing on.

Forcing Stock—Azaleas, Rhododendrons, Aucubas, Skimmia Japonica, Hydrangeas, Lilacs, Spiraeas, Magnolias, Japanese Maples, Wistaria Chienensis, Japanese Flowering Cherry, Peonies, Roses, in large assortment, choicest quality, best commercial sorts.

Wholesale price list will be mailed promptly on request.

Landscape Evergreens and Conifers—New, rare and standard varieties. Small, medium and large sizes supplied in perfect specimens, with ball and burlap. Largest and most extensive collection in America.

Window-Box Plants—Hardy Coniferous Evergreens for winter use. All hardy and desirable sorts, best selection, lowest prices. Also Bush Box and Dwarf Edging. This line offers wide-awake florists a grand opportunity to increase their sales and profits.

Deciduous Trees and Shrubs—Our leaders—Norway Maple, American White Elm and Japanese Barberry.

Young Stock for Lining Out—Ornamental Evergreens and Deciduous Trees and Shrub seedlings, rooted cuttings, grafts, etc., in large assortment at very low prices. Annual output, 10,000,000 plants.

Write for information and price today.

THE D. HILL NURSERY COMPANY, INC.

EVERGREEN SPECIALISTS

LARGEST GROWERS IN AMERICA

Box 404, DUNDEE, ILL.

WHOLESALE GROWERS AND IMPORTERS

Mention the American Florist when writing

WAVERLEY, MASS.—The greenhouses of R. E. Lassman have been offered for sale.

FARGO, N. D.—Charles F. Edgar, formerly of Lancaster, Pa., is now manager of the Smedley Floral Co.'s store in this city.

SIOUX FALLS, S. D.—Miss Hazel Kemp, formerly of Yankton, is now in charge of the landscape department of the M. M. Strong Floral Co.

INDEPENDENCE, IA.—A greenhouse and retail store has been opened in this city by R. N. Whitney.

TOLEDO, O.—Miss Helen Patten, of the Patten Flower Shop, has returned from a months' trip to the Pacific coast.

MOBILE, ALA.—C. Ravier & Sons report damage to their greenhouses and stock to the amount of \$5,000 in the recent hurricane.



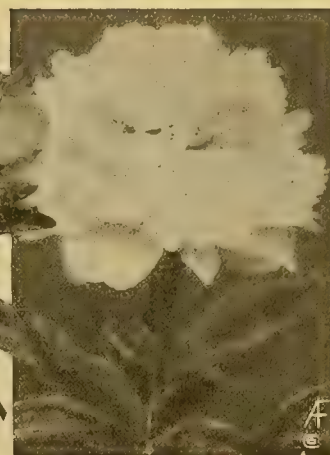
Jeanne d'Arc.



M. Kreilage.



La Grange.



Couronne d' Or.

VAUGHAN'S PEONIES

Cut Flower Varieties.

We have an exceptionally large stock of our own growing, strictly true to name, all in strong divisions, with from 3 to 5 eyes each. Besides these divided roots, we can supply many of the following varieties in plants, one, two, three and five years from division. These sizes are more suitable for private customers. Write to us for prices on varieties you desire in large plants.

WHITE AND LIGHT SORTS

	Each.	Doz.	100
Albatre. Large, compact, milk white bloom; center edged carmine. One of the best for Florists' use	\$0.50	\$5.40	
Charlemagne. Lilac white, blush center; very fragrant. Late. Extra fine cut flower.....	.25	2.00	\$15.00
Couronne d' Or. Snow-white, yellow reflex, very large. Late; a splendid long-distance shipper. Splendid cut flower .....	.20	3.00	20.00
Duchess de Nemours (Calot). Sulphur white with greenish reflex, cup shape.....	.25	2.00	15.00
Duke of Wellington. White guards, sulphur center; vigorous grower, large flower.....	.35	3.60	25.00
Festiva Maxima. Flowers of immense size. 7 to 8 inches in diameter, snow-white with red blotches on edges of center petals.....	.30	3.00	20.00
Jeanne d' Arc. Soft pink, center sulphur white and pale pink, very fragrant. Valuable for cut flowers. Very similar to Golden Harvest.....	.35	3.60	25.00
Mad Breon. Flesh colored guards, with creamy center, changing to white at maturity.....	.35	3.60	25.00
Mme. de Vetry. Very large, high crown, lilac-white guards and crown, sulphur white collar of wide petals; center flecked crimson.....	.35	3.60	25.00
Mme. de Verneville. Guard petals sulphur-white, center delicate rose white, one of the most desirable of the white Peonies.....	.25	2.00	15.00
Marle Lemoine. Large, compact, pure white, cream-white center. Some carmine tips.....	.30	3.00	20.00
M. Dupont. Clear ivory white, with brilliant carmine border on center petals.....	.50	5.40	40.00
Queen Victoria. White, center petals tipped carmine; large, full bloom; one of the best cut flower sorts; early .....	.25	2.00	12.00

UNNAMED PEONIES—Divided Roots of 3 to 5 Eyes

Double White, Pink and Red.....	\$1.50	\$10.00
Double Mixed	1.00	6.00

PEONIES IN CASE LOTS

For several years we have sold specially packed cases. The roots are young and each has 3 to 5 eyes. These cases contain 67 double white, 66 double pink and 67 double red, each color separate—200 roots in all.

Case for \$18.00. 2 Cases for \$35.00. We cannot divide cases.

German Iris We have large stocks of 10 standard sorts, and can make specially low prices on quantities.

LIGHT AND DARK PINK AND ROSE

	Each.	Doz.	100
Alexander Dumas. Light violet rose, cream collar; fine cut flower.....	\$0.35	\$3.00	\$20.00
Duchess de Nemours. (Guerin) Fine pink, shaded violet and white. A fine early cut flower.....	.35	3.60	25.00
Faust. Guards light pink shading to white; collar sulphur white. Midseason.....	.25	2.00	15.00
Koh-i-noor. Shell pink, very free, splendid cut flower. Midseason .....	.25	2.00	15.00
Lady Leonora Bramwell. Large, rose-colored very free, splendid cut flower.....	.25	2.00	15.00
Prolifera Tricolor. Medium size. Guards flesh-white, collar sulphur-yellow. Pale rose crown, fragrant, free, late .....	.25	2.00	15.00
Souvenir de l'Exposition Universelle. Large perfect shaped imbricated flower, brilliant cerise, with silvery reflex.....	.30	3.00	20.00
Pulcherrima. Deep pink center, shading to light pink outside. Large flowers, vigorous grower....	.25	2.00	15.00
Triomphe de L'Expos. de Lille. Shell pink with a peculiar double crown. Midseason.....	.25	2.00	15.00
Thorbeckii. Deep pink, with lighter center.....	.30	3.00	20.00

RED AND CRIMSON

Andre Lauries. Very large, very compact globular rose type. Dark Tyrian-rose shading deeper in center. Medium tall. One of the best late varieties .....	.25	2.00	15.00
Augustin D'Hour. Large, bomb-shaped flower, dark brilliant solferino-red with slight silvery reflex. Medium tall, very free. Midseason. Very fine .....	.45	5.00	40.00
Delachei. Deep rich purple, crimson reflex. Late and free blooming .....	.30	3.00	20.00
Felix Crousse. One of the best red sorts, large double ball shaped flowers. Free bloomer....	.35	4.00	30.00
Gloire de Douai. Immense, glowing, deep crimson flower .....	.30	3.00	20.00
La Grange. A magnificent deep scarlet flower which originated at our nurseries. An extremely prolific bloomer and very vigorous.....	.35	3.60	25.00
Louis van Houtte. Deep carmine-rose, tipped silver, with fiery reflex. Semi-rose type. Fragrant. Late .....	.25	2.50	18.00
Madam Lebon. Brilliant cerise with silvery reflex. Large flower; late .....	.25	2.00	15.00
Marechal Vaillant (Syn. Lee's Rubra Grandiflora). Dark mauve pink, very large, globular rose-type. Very tall heavy stem; very late. A good variety .....	.40	4.00	30.00
M. Paul du Ribert. Deep crimson-rose, fine bomb-shaped flower, medium high, free bloomer. Late.	.35	3.60	25.00
Officialis Rubra Plena. This is the old-fashioned red; the most brilliant of all reds.....	.20	1.80	12.00

WE HAVE A LARGE STOCK OF FINE VARIETIES OTHER THAN THOSE LISTED HERE. WRITE FOR PRICE LIST

VAUGHAN'S SEED STORE, CHICAGO
NEW YORK

*Better be safe
than sorry*

You can be safe only by dealing with a firm that has a reputation and experience. Ask our customers. Every time they'll answer that we do what we say. We make no exaggerated claims; but we live up to our promises.

Beauties, Russell, Orchids, Asters

Full Assortment of Roses

CURRENT PRICE LIST—In Effect Now.

AMERICAN BEAUTIES.	Per doz.
Long	\$3.00
30-36-inch	2.50
24-inch	2.00
20-inch	1.50
Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00.	

OPHELIA, RICHMOND, MILADY, SUNBURST, KILLARNEY BRILLIANT, KILLARNEY, WHITE KILLARNEY, WARD.	Per 100
Long	\$8.00
Medium	\$4.00 to 6.00
Short	3.00

MRS. CHAS. RUSSELL.	Per doz.
36 inches long	\$2.50
30 inches long	2.00
24 inches long	1.50
18 to 20 inches long	1.00
Short	per 100, \$4.00, \$6.00

CECILE BRUNNER OR SWEETHEART ROSE.	Per 100
Best	\$1.00

ASTERS.	Per 100
Best	\$3.00
Medium	2.00
Short	1.50

MISCELLANEOUS CUT FLOWERS.	Per
Lilies	\$12
Gladioli	6
Feverfew .....	.50 cents per bu
Gypsophila	\$1.00 per bu
CATTLEYES	per doz., \$6
VALLEY	\$4.00, \$5.00, \$6.00 per

GREEN GOODS.	
Mexican Ivy	\$0
Smilax	2
Sprenger and Asparagus Sprays	\$2.00 to 3
Adiantum	1.00 to 1
Galax (bronze and green)	1
New flat ferns	per 1,000 1

Grafted and Own Root Rose Plants.

Grafted, 3½-inch Stock. \$140.00 per 1000.

750 Pink Killarney	600 Old Gold
500 White Killarney	450 Richmond
900 Brilliant	1300 Scott Key
1465 Milady	1000 Elgar

Grafted, 2½-inch Stock. \$100.00 per 1000.

500 Pink Killarney	700 Old Gold
4050 White Killarney	100 Richmond
3650 Brilliant	200 Elgar
900 Wards	350 Scott Key
190 Milady	

Own Root, 3½-inch Stock. \$96.70 per 1000.

4300 Pink Killarney	85 Scott Key
1155 White Killarney	90 Brilliant
200 Old Gold	300 Elgar
75 Wards	2100 Richmond

Own Root, 2½-inch Stock—\$56.70 per 1000.

1500 Pink Killarney	70 Scott Key	225 Sunburst	1000 Richmond
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CALADIUMS

Finest fancy leaved varieties, 25c, 35c, 50c, 75c, \$1.00 and \$1.50 each.

Begonia Chatelaine, 2¼ in.	100	1000
3 in.	\$ 3.50	
4 in.	8.00	
5 in. each, 25c	15.00	
Begonia Lorraine, 2 in.	10.00	
2½ in.	12.00	
Coleus Emperor Wilhelm, 3-in., 8c each; 4-in., 15c each.		
Crotons—5-inch, \$7.20 per doz.; 6-inch, 75c and \$1 each.		

Cyclamen—3 inch, \$8.00 per 100.		
Seedlings, \$40.00 per 1,000.		

Primulas Grandiflora and Giant strain, only the choicest varieties, summer delivery, 2¼ in.	100	1000
	3.00	

Smilax, strong new stock, 2¼ in. 2.50		
3 in.	6.00	50.00

Boston Ferns, 5-inch, 40 cents each.	
Boston and Roosevelt Ferns, 6-in., 75c each; 7-in., \$1.00 each.	
Whitmani, 6-in., 75c each.	
Table Ferns, 2¼-in., \$3.00 per 100.	

BOXWOODS	Each
15-in. in burlap .....	.40
18-in. in burlap .....	.50

POEHLMAN

72-74 E. Randolph St.,

SUPPLY DEPARTMENT

Visit our exhibit at the Houston Convention and inspect our Pastel and Natural Prepared Foliage. We have an unlimited stock of the Most Beautiful Translucent Foliage ever produced. For Window Decorations it cannot be excelled. Be sure and send for sample and Prices before you buy your Fall Decorative Materials.

Sphagnum Moss, fresh from the woods, 12 bales for \$10.00

Oak Sprays (Short) per box, \$1.50

Magnolia Leaves, (Superior Brand) per box, \$1.35

Sheet Moss, Large Bag, \$2.00

Waterproof Crepe Paper, per 100, \$18.00

Red Ruscus, per lb., 75c

POEHLMANN'S BAY TUBS.

We use thousands of them. Compare prices with others.

Made of selected White Cedar, bound with flat steel hoops at bottom and galvanized wire hoops in middle and at top. Nicely painted green, inside and out, and tops finished with round bevel. No handles. If stamped steel handles are desired, add 10 cents per tub, net, extra.

No.	Inside Top Dia.	Inside Bot. Dia.	Inside Depth	Price Each	Price Doz	No.	Inside Top Dia.	Inside Bot. Dia.	Inside Depth	Price Each	Price Doz.
1	6 in.	5 in.	6 in.	\$0.29	\$ 3.00	8	13 in.	10 in.	12 in.	\$0.80	\$ 8.75
2	7 in.	5 in.	7 in.	.30	3.25	9	14 in.	11 in.	13 in.	.92	9.75
3	8 in.	6 in.	8 in.	.33	3.50	10	15 in.	11½ in.	14 in.	1.00	10.50
4	9 in.	7 in.	9 in.	.36	3.75	11	16 in.	12½ in.	15 in.	1.12	12.00
5	10 in.	7½ in.	9 in.	.42	4.25	12	17 in.	13½ in.	16 in.	1.33	12.50
6	11 in.	8½ in.	10 in.	.52	5.50	13	18 in.	14½ in.	17 in.	1.59	17.00
7	12 in.	9 in.	11 in.	.63	6.75	14	19 in.	15½ in.	18 in.	1.92	20.00

Jobbers' Prices on Request.

FERTILIZERS.

What we use in Fertilizers should suit you. We have tried them all and recommend what we offer below.

BONE MEAL—Guaranteed Analysis

Price

100-lb. bag	\$ 2.25	1000 lbs. (½ ton)	\$17.00
500-lbs.	9.00	2000 lbs. (1 ton)	32.00

BLOOD AND BONE—Guaranteed Analysis

Price

100-lb. bag	\$ 2.75	1000 lbs. (½ ton)	\$18.00
500-lbs.	10.00	2000 lbs. (1 ton)	34.00

PULVERIZED SHEEP MANURE

Packed in 100 pound bags.

100 lbs	\$1.75	1000 lbs	\$12.00
500 lbs.	7.00	2000 lbs.	22.00

DRIED BLOOD—Guaranteed Analysis

Nitrogen, 16 to 18 per cent.

A very effective and quick-acting stimulant. Used as a top dressing or in liquid form, it is unexcelled for roses and carnations. Our grade is pure.

100-lb. bag, \$5.00	200 lbs., \$9.00	500 lbs., \$21.00
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CATTLE MANURE

Packed especially for Florists and Greenhouse Vegetable Growers. In 100 pound bags only.

100 lbs., pulverized	\$ 1.50	Shredded	\$ 1.50
500 lbs., pulverized	5.50	Shredded	5.00
1000 lbs., pulverized	9.50	Shredded	9.00
2000 lbs., pulverized	18.00	Shredded	17.00

N BROS. CO.

Long Distance Phone, **CHICAGO, ILL.**
Randolph 35.

SUMMER ROSES

We make a specialty of growing Roses best adapted to handle during the hot weather. Our facilities are exceptionally well equipped and we recommend the following stock for summer:

NEW BEAUTIES--Mostly Medium and Short Lengths Good Shipping Stock.

Rhea Reid—Best red rose.

Mrs. Russell—Best pink rose.

Sunburst—Best yellow rose.

Double White Killarney—Best white rose.

Ophelia and Shawyer—Are also two good pink roses for summer use.

These in addition to the regular varieties of Roses we are receiving in large quantities direct from our greenhouses within a few hours of being cut, enable us to fill all orders with strictly fresh stock. This is the great advantage of buying direct of the grower. Order here.

CURRENT PRICE LIST

American Beauties

Per doz.

Specials, extra long stems.....	\$2.00 to \$2.50
Medium stems.....	1.50
Shorter lengths .....	.50 to .75

Sunburst--Rhea Reid--Ophelia--Richmond

Shawyer--White and Pink Killarney

Killarney Brilliant

Long.....	per 100,	\$6.00
Medium.....	"	\$4.00 to 5.00
Short	"	3.00

Mrs. Chas. Russell.

Per 100

Long.....	\$8.00 to \$10.00
Medium	5.00 to 6.00
Short.....	3.00

Cecile Brunner.....per bunch, 35c

Asters at Market Prices.

LILY OF THE VALLEY.....\$5.00 to 6.00

ASPARAGUS SPRAYS and SPRENGERI.. 2.00 to 3.00

FERNS, new.....per 100, 20 cents; in lots of 1000 or more, \$1.50 per 1000.

ADIANTUM..... 1.00

GALAX, bronze and green...per 1000, \$1.25 to \$1.50

ROSES, our selection, in lots of 500 or more at the rate of \$20.00 per 1000.

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN

LONG DISTANCE PHONE:

CENTRAL 1457.

Greenhouses: Hinsdale, Ill. and Gregg's Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

GOOD STOCK OF ALL KINDS IS SCARCE.

Business has been very good the past week and stock of all kinds is scarce and bringing high summer prices. There is not much stock reaching the market and what does arrive is sold before or almost as soon as it is unpacked, consequently the wholesalers are handling much less stock at higher prices than they did last summer, when flowers were plentiful and prices were low. Roses are scarce and clean up at an early hour each day, especially Mrs. Chas Russell, which have improved somewhat in quality since the cooler weather set in. The quality of the roses in general is nothing to speak of, but anything is selling now and at good prices. American Beauty roses are reaching the market in pretty fair condition, all things considered, and are in good demand. My Maryland roses are having a good call and command high figures. Champ Weiland roses are more plentiful and are bringing very satisfactory prices and appear to be the favorite with the city buyers. Ophelias are in good demand and so are Sunburst and Mrs. George Shawyer. All

the other roses are having a good call and when the stores close at night there is hardly ever any surplus to speak of. Gladioli are gradually becoming more plentiful, but the demand seems to keep pace with the supply, with prices keeping up well. Gladioli have sold unusually well this year, with no great surplus noticed since the season opened. Prices in general are better than last year, so far and from present indications it appears as if the late varieties will share in the high prices for the outlook for an increased supply of other stock for the next month is not very encouraging and the only thing that can weaken the market now is a sudden slackening up in trade or in other words practically no business whatever to speak of. Asters are moving nicely at satisfactory prices, especially in the better grades and more stock could be used to good advantage in this market right now. Lily of the valley is having its usual good call and is still commanding high prices with very little stock offered and a short supply. Orchids are moving at good prices and are none too plentiful. Some fine sweet peas are now being offered, which the dealers claim are coming from eastern

points and are selling at surprisingly good figures. Lilies are good property and there are not enough to go around. Miscellaneous stock in general, both indoor and outdoor flowers, has been selling unusually well during the shortage of roses and it has been a long time since the market has been so well cleaned up of stock as now, at this season of the year. Green good of all kinds have been selling and the demand for ferns the past week was so brisk that on several occasions it was difficult to locate any great quantity which some of the dealers attribute to the fact that several of the shippers were off guard for they were right on the job with their shipments as soon as they were notified of the conditions. The Houston convention is much talked of in the wholesale district and it appears as if this city will be represented by a larger delegation than was at first expected.

NOTES.

August Poehlmann and E. C. Pruner will represent Poehlmann Bros. Co. at the Houston convention, where the firm will have a large exhibit. Mr. Poehlmann and family have returned from a pleasant visit at Lake Delavan, Wis.

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS
58 East Randolph Street
CHICAGO

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS
58 East Randolph Street
CHICAGO

H. VAN GELDER,
PRES.

Greetings and Best Wishes

TO THE

S. A. F. & O. H.

AND ALL

VISITING FLORISTS

TO THE

HOUSTON CONVENTION.

L. M. JONES,
SEC'Y.

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS
58 East Randolph Street
CHICAGO

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS
58 East Randolph Street
CHICAGO

Important Information

**Z M
E A
C & N
H N**

Many of our growers have extended their ranges considerably this season which means that we will have a larger than ever supply of Cut Flowers and Greens to offer from now on and especially during the coming fall and winter months. We have been and will continue to be

Chicago Headquarters for Ophelia and Russell Roses

In addition to Ophelia and Russell roses we will have our usual large supply of Ward, Sunburst, Richmond, Killarney, White Killarney, Killarney Brilliant, Milady, etc. Also Carnations, Lilies, Valley, Orchids, Chrysanthemums, Pompons, Sweet Peas, and everything else which always makes our line so complete that it includes every item offered in the Great Chicago Market. **Jump in the band wagon, be a Zech & Mann customer, and ride to prosperity. Start today.**

**30 E. Randolph St., Long Distance Phones { Central 3283
Central 3284
Automatic 42-965 } Chicago**

A. L. Vaughan & Co. are handling a good supply of American Beauty roses which are in good demand at their establishment. Mr. Vaughan reports that business continues to be brisk and that the sales in some instances compare most favorably with those of last winter. Mrs. Vaughan and daughter Thelma are making a trip to the Pacific coast and will spend considerable time at San Francisco and Los Angeles, Calif.

Peter Reinberg is cutting a good supply of the new rose Champ Weiland, which is selling unusually well, owing to its splendid color and rich foliage. Emil Reichling, superintendent of the Reinberg greenhouses, is having a fine time with his new Buick which he will find that he can use to good advantage in making his regular trips to and from the rose and carnation ranges.

A. T. Pyfer says that Pyfer & Olsem have their new place on Murphy avenue about half planted to carnations already and that work on the balance is being pushed as rapidly as possible. Peter Olsem is thinking of buying a racing machine so that he can travel from their Wilmette place to the new range in Rogers Park in as short a time as possible.

At Weitor Bros.' store the receipts of Ophelia roses are extra heavy and every time one visits their place it seems as if the whole force is grading this variety. This firm is all sold out of chrysanthemum stock which moved unusually well this year and is now pushing field grown carnation plants of which they have a large supply.

J. A. Budlong is offering a good supply of gladioli and asters in addition to a complete line of roses. Several of Manager Schupp's assistants are pretty fine checker players and claim to be the champions of the wholesale market and are ready to defend their titles against all comers.

Erne & Klingel have increased their store force in the shape of a baby boy who arrived at the home of their able storeman, August Barnett, last Sunday, August 6. Mr. Barnett is so happy over the increase in his family that he has taken a two weeks' vacation in order to celebrate the event.

Miss Mabel Louise Wheelock, who has quite a reputation as an architectural water colorist, will join the staff of the American Greenhouse Manufacturing Co. as soon as she returns from a vacation trip to Montana, where she is taking in the sights at Glacier National park.

James E. Jones will represent the Advance Co., of Richmond, Ind., and the American Greenhouse Manufacturing Co., of this city, at the Houston convention. He is visiting relatives in Oklahoma at present but will be in the convention city the opening day of the meeting.

W. N. Nisson, who has charge of the credits at the Chicago Flower Growers' Association store, is enjoying his vacation. Ed. Hunt is expected home from Michigan this week and will report for duty at this house August 14.

Miss Hardesty, of Hardesty & Co., Cincinnati, O., was a welcome visitor this week and is spending a few days here on business and pleasure. She visited Poehlmann Bros. Co.'s greenhouses at Morton Grove during her stay here.

G. E. Chadwick, who has been filling a temporary position in the A. L. Randall Co.'s cut flower department, has accepted a position as grower with the Storm Lake Floral Co., Storm Lake, Ia.

Fritz Bahr, of Highland Park, has invested in a new Ford passenger car. He has also placed an order with the A. L. Randall Co. for one of its new electric store fountains.

John Furrow, of Guthrie, Okla.,

and P. J. Foley left this week for St. Joseph, Mo., and from there they will travel on to Houston to take in the S. A. F. convention.

Fred Hoerber is doing double duty at Hoerber Bros' store during the absence of Harry Mannheim who is enjoying a two weeks' vacation.

Frank Schleiden is back from a delightful visit at Saugatuck, Mich., and is again attending to his duties at Chas. W. McKellar's store.

Kennicott Bros. Co. is experiencing a good demand for gladioli which are being handled in quantity in all the seasonable varieties.

A. E. Turner, of Rosin & Turner, fern dealers with headquarters at Mosinee, Wis., is calling on the wholesale trade this week.

Adolph Benesh, manager of the E. F. Winterson Co.'s supply department, is spending his vacation with his family in Michigan.

J. F. Wolniewicz, 1530 North Kedzie avenue, has sold his retail store to Miss May Flynn, who took possession August 1.

George D. Reid, formerly with the Ernest Wienhoeber Floral Co., is now in the employ of D. D. P. Roy.

Leo. Bather and wife, of Clinton, Ia., were visitors at Zech & Mann's establishment this week.

Guy W. French and family are spending their vacation motoring in northern Wisconsin.

Fred Nichols, of the George Reinberg store force, is visiting old acquaintances in Peoria.

E. C. Amling, H. N. Bruns and John Michelsen spent a few days at Fox Lake last week.

Chas. A. Samuelson is back from a month's visit on his fruit farm at Wendell, Idaho.

J. F. Kidwell is the proud possessor of a new Buick touring car.

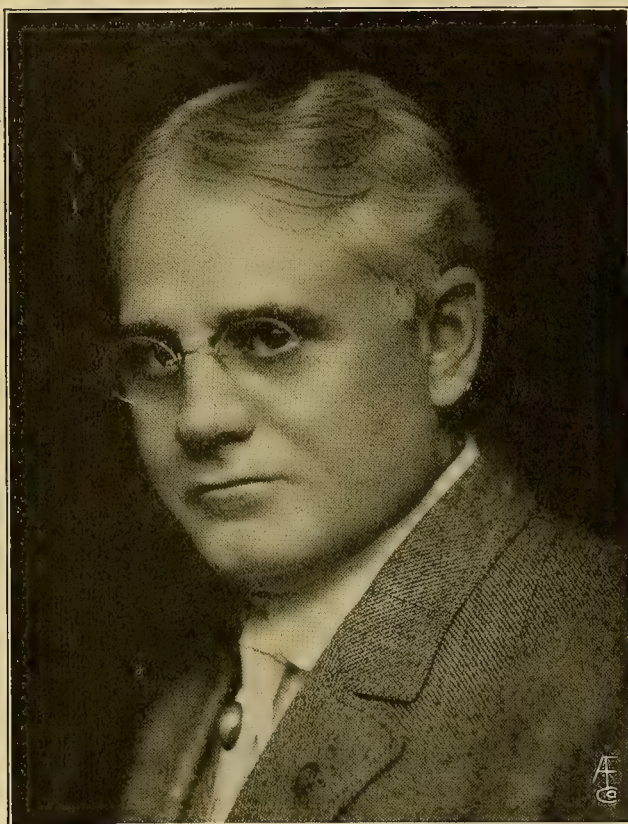


TO BUY CUT FLOWERS

is from us for there is nothing in the Cut Flower and Green Line that we don't sell or handle, and besides we give you as much actual value for your money as any firm in Chicago.

OUR AIM

at all times is to treat every one right and with this constantly in view we will surely be friends if you will but do your part.



A. L. VAUGHAN.

BIG SUPPLY

of choice summer stock and every arrangement made for fall and winter with the best growers in and adjoining Chicago.

Our Efficient Service Always Means A Great Deal To You.

From now on our supply of Cut Flowers and Greens will be larger than ever so place your orders with us and we will see to it that they will be filled to your entire satisfaction.

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave, Chicago

SPECIALLY GROWN SUMMER ROSES

FOR ALL OCCASIONS

All the Best Standard and Novelty Varieties.

ALSO GOOD SUPPLY OF ASTERS AND GLADIOLI



Plenty of VALLEY and LILIES
ALWAYS ON HAND.

You can increase your profits and business by sending all your orders direct to

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

CUT FLOWERS

Prices
As
Low
As
Others.

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Poehlmann Bros. Co. has a fine stock of palms on hand in all the desirable varieties and sizes and is having a splendid demand for same. The supply department under the able management of T. E. Waters is featuring a large quantity of pastel and natural prepared foliage that is attracting much favorable attention at the store and is selling on sight. Otto W. Frese of the cut flower department denies the rumor that has been circulated in the market that he was going to make a change and has requested that his friends be notified that he is still at the old stand ready to look after their interests as carefully as before.

Bassett & Washburn are building a fireproof cold storage building 28x28 feet at Gregg's station and have let the contract to Kroeschell Bros. Co. for a 10-ton ice machine and all the necessary equipment, including the piping, etc. Bassett & Washburn are also building a fireproof packing room and storage plant, 35x60 feet, at Gregg's and both structures will be two stories high and modern in every respect. Peter Knowe has the contract to erect the building and the Johns-Manville Co.'s roofing will be used.

Percy Jones is having a good season and Manager Van Gelder is busy making preparations for a big fall trade. Luke Schrer, who has been spending a month's vacation at Muskegon, Mich., will be back to work next Monday, August 14. Miss May Nissen of the office force will be the next on the list at this establishment to enjoy a vacation and will leave Saturday, August 12.

The Raedlein Basket Co. has had a number of out-of-town visitors at its establishment the past week and never had such a large and complete line of stock to show. This firm is issu-

ing a new catalogue which will be ready for mailing soon and all that is necessary to secure one is to send them a postal at 713 Milwaukee avenue.

Bert Cole, of the E. C. Amling Co., and wife have returned from a delightful 2200 mile lake trip on the steamer South America. He says that while he was at Mackinac Island he saw some of the finest sweet peas and Shasta daisies of the season and that the stock did not seem to be affected any by the warm weather.

The Alpha Floral Co. is featuring one of the A. L. Randall Co.'s new electric fountains in their window display which is attracting much favorable attention. Andrew Chronis reports that the firm has been very busy with work the past week when it had several large orders for the Lytton funeral.

Miss Zandra Anderson is again attending to her duties at the John Kruchten Co.'s store after a delightful two weeks' vacation, part of which was spent at Saugatuck, Mich. Mr. Kruchten and family are enjoying their vacation at Sister Lakes, Mich., and made the trip by auto, leaving early Monday morning, August 7.

The Wittbold apartment building on Buckingham place is rapidly nearing completion and work on the George Wittbold Co.'s new store building adjoining the west end will soon be well under way. Louis Wittbold will occupy one of the new apartments as soon as they are completed.

Miss M. C. Gunterberg is a member of the introductory committee of the Ladies' Society of American Florists and will be on hand at the Houston convention to perform her duties. She will leave with the local delegation next Sunday evening, August 13.

Zech & Mann are handling a large

quantity of Mrs. Chas. Russell roses which Allie Zech reports in brisk demand. Miss Nelda Wolf, who looks after the office duties at Zech & Mann's store, is enjoying a two weeks' vacation.

J. L. Johnson, of De Kalb, was a visitor at Kyle & Foerster's store this week. He reports business as good and has no complaint whatever to make in regard to dull times.

The A. A. Arnold Paper Box Co. is always glad to show visitors through its new factory and when C. B. Arnold is away, Joe Marks is on the job to show the guests around.

The A. L. Randall Co. is having a heavy run on its electric store fountain which is proving to be an exceptionally good seller on account of its very reasonable cost.

Mrs. Diemer, of the Diemer Floral Co., St. Louis, Mo., and son Carl, spent a few days here this week after returning from a delightful lake trip to Buffalo, N. Y.

Weiland & Risch are having a good call for gladioli which they are offering in quantity in a large number of seasonable varieties.

John Sinner is again on deck at Sinner Bros.' store after giving the boys a lift at the greenhouses for a couple of weeks.

O. A. & L. A. Tonner have a nice stock of supplies of all kinds on hand and are steadily building up a splendid city trade.

Miller & Musser are strong on gladioli and asters in addition to a good supply of other miscellaneous outdoor stock.

Joseph Ziska & Sons report trade this summer as remarkably good especially in the wire department.

Julius Schnapp has returned to the Pacific coast and is making his headquarters at Seattle, Wash.

LARGEST RANGE OF GLASS IN AMERICA.

Devoted Principally to the Growing of Roses and Carnations.



Visit Them--Also Our Store

Before or after attending the Houston Convention and you will be well repaid for your trouble. Our store is centrally located on all the leading car lines and is the ideal place to meet your friends or receive your mail while you are in Chicago. The greenhouses are devoted exclusively to the growing of Roses, Carnations and Chrysanthemums and the plants are in a very healthy condition, which is nothing unusual and will give you a little idea just how stock is turned out in our mammoth place. To reach our range of glass, take Rosehill car on Dearborn and Randolph streets and get off at Reinberg's Greenhouses.

Felix Reichling will welcome you at the store and
Emil Reichling will show you through our greenhouses.

Peter Reinberg

Long Distance Phone Central 2846.

30 East Randolph Street,

CHICAGO

POEHLMAN

Uniform Development Make

Dealers who display in their windows and stores a variety of Poehlmann's Kentias are specimens of uniform, well developed types, and are sure to buy. They are all clean, healthful plants of vigorous growth, and desirable for indoor decoration. The Belmoreana and Forsteriana varieties Poehlmann name stands by them for quality and price.

Poehlmann's Kentia

KENTIA FORSTERIANA SINGLE PLANTS

	Leaves		Each.
4 inch pots	5-6	18 inch high	\$0.40
6 inch pots	6-7	28-30 inch high	1.00
6 inch pots	6-7	34 inch high	1.50
6 inch pots	6-7	34-36 inch high	2.00
8 inch tubs	6-7	40-42 inch high	3.00
8 inch tubs	6-7	42-46 inch high	3.50
8 inch tubs	6-7	50-52 inch high	5.00
9 inch tubs	6-7	54 inch heavy	6.00
9 inch tubs	6-7	60 inch heavy	7.00
10 inch tubs	6-7	5-5½ ft.	8.00
10 inch tubs	6-7	5½-6 ft.	12.00
15 inch tubs	6-7	8-8½ ft. heavy	40.00
15 inch tubs	6-7	9-10 ft. heavy	50.00

ARECA L

Plant	
6-in. pots	4
8-in. tubs	8

ASPID

5-in., green	
6-in., green	
5-in., var.	
5-in., var.	

LIVISTONA R

5-in. pots	....
6-in. pots	....

PHOENIX F

3-in. pots
------------	-------

In.

6-in. pots	18
10-in. tubs	35

All previous prices hereby cancelled.



BELMOREANA'S BEST TYPES. CLEAN PLANTS. ALL SIZES

POEHLMANN'S KENTIAS ARE STANDARD---They Build Business

There is much greater and more general use made of decorative plants now than in years past, and there are almost limitless money-making possibilities—this line of fine Kentias is one. Our stock of these goods is complete in all sizes. We have never at once, this is the time to push trade in palms—displaying them in your store and windows will draw trade to you, a trade that

POEHLMANN

WESTERN KENTIA

MORTON

ILLINOIS



N'S PALMS

Them Wonderfully Attractive.

beautiful Kentias draw to themselves **good trade** in which there is **good profit**. Care has been given to keep them in condition to attract attention and create graceful lines and rich green color make them exceptionally beautiful and single and made-up plants, are beyond doubt the best you can buy—the

are known as the "Quick Seller" Palms.

KENTIA BELMOREANA SINGLE PLANTS.

inch pots, \$1.50 per dozen; \$10.00 per 100;
\$90.00 per 1,000.

Leaves	Each.
5-6 16-18 inch high.....	\$0.40
inch pots 6-7 24 inch high.....	1.00
inch pots 6-7 28-30 inch high.....	1.50
inch tubs 6-7 42-44 heavy.....	5.00
inch tubs 6-7 50-54 heavy.....	7.00

Specimen plants, \$60.00-\$75.00.

KENTIA FORSTERIANA MADE-UP PLANTS.

Plants	Each.
inch pots 3 24- inch high.....	\$ 1.50
inch tubs 3 30-32 inch high.....	2.50
inch tubs 3 38-42 inch high.....	3.50
inch tubs 4 48-52 inch high.....	5.00

KENTIA.

High Each.
4 \$1.00
0 3.00

2 \$1.00
7 1.50
2 1.00
2 1.50

KENTIA DIFOLIA.

.....\$0.75
..... 1.25

KENTIA LENII.

50 per doz.

n. read Each

4 \$2.00

6 7.50

quoted are

Plants

8 inch tubs	4	52-54 inch high.....	6.00
10 inch tubs	4	54-60 inch high.....	8.00
12 inch tubs	4	60 inch high.....	10.00
12 inch tubs	4	62-66 inch high.....	12.00
12 inch tubs	4	66-70 inch high.....	15.00
15 inch tubs	4	6-6½ ft. heavy.....	25.00
15 inch tubs	4	75-80 in. heavy.....	\$25@30

Each.



FORSTERIANA'S ALL SIZES FROM 8 FT. DOWN TO 8 IN.

s With Good Profit and Pleased Customers Repeat Orders.

opportunities to still further increase the sale of them. To the wide-awake florist the well chosen field of his business is full of such a complete line before, and the beauty of them, both single and double plants, is unsurpassed. Get your orders in 1 make your profits grow and your customers sure. **Don't forget** these goods are of the Poehlmann high standard quality.

BROS. COMPANY.

HEADQUARTERS

ROVE,

S.





PREPAREDNESS.

We are always prepared to take care of
all your orders for Cut Flowers and Greens.

A. T. PYFER & CO.

WHOLESALE FLORISTS

30 East Randolph Street,

CHICAGO, ILL.

Long Distance Telephone—Central 3373.

Sidney Refrigerator Buchbinder has returned from a business trip to Milwaukee, Wis.

Walter Adams and family motored to Starved Rock this week.

Visitors: Edw. Amerpohl, Janesville, Wis.; Tom Best and wife, St. Joseph, Mo. enroute to Niagara Falls; J. L. Johnson, De Kalb; Sidney Wertheimer, representing Wertheimer Bros. Co., New York; Henry Staack and John Staack and wife, Moline; Robert A. Smythe, Benton Harbor, Mich.; Frank C. Suchy, San Antonio, Tex.

Cincinnati.

FAIR SUPPLY MOVES WELL.

The blazing hot weather of the past several weeks has seriously affected the cut of flowers. The asters and gladioli in this immediate vicinity, are feeling the want of rain and but a part of the receipts are of the highest quality. While the supply in the market apparently is adequate, still receipts are not very heavy and generally clean up readily. Roses are not as plentiful as they were. Easter lilies are in good supply and are having a good market. The better grade of asters are selling well. Gladioli are in fair supply, but at times the higher colors are short of the demand for them. Hardy hydrangeas are excellent and are having a good call. Other offerings include water lilies, rubrums and snapdragons.

NOTES.

E. G. Gillett and Wm. Mayhall, accompanied by their wives, drove to Amelia, O., August 6 to visit Chas. Pommert.

J. A. Peterson and wife are the only Cincinnatians who are going to Houston, Tex., for the S. A. F. convention.

C. E. Critchell is now in his new store on Third street near Vine.

Chas. H. Hoffmeister spent Sunday in Oxford, O.

Visitors: J. T. Turner and Glenn E. Moore of Rushville, Ind. H.

Tornado at Racine, Wis.

A tornado which did considerable damage just outside of the city limits of Racine, Wis., August 4, struck the range of W. S. Johnson, carried one of the houses into Lake Michigan, and leveled several small buildings.

Kansas City, Mo.

STOCK SUFFERS FROM HEAT.

The weather continues on the hot side with practically no rain and outdoor stock is showing the effects of the drought. Asters, while not as good as they might be, are of fair quality and are arriving in large numbers. Gladioli have fallen off both in quality and quantity and carnations are practically a thing of the past. Roses on the other hand have shown a decided improvement over last week and sell at sight. Lilies continue plentiful and the quality is good.

NOTES.

Geo. M. Kellogg Flower & Plant Co. are busy with out-of-town business and have been compelled to turn down some orders owing to a shortage of stock in some lines. Mrs. Mollie Brown is enjoying a two weeks' vacation and Manager Parker and his family, accompanied by a party of friends, will leave August 12 for an auto trip through Missouri, Iowa and Illinois with Chicago their objective point, returning by way of St. Louis.

Chas. Biederman & Son report trade quiet outside of funeral work. "Billy" Biederman is contemplating a trip to Texas to look over some land he owns there, but he jokingly says that at present he does not know whether Uncle Sam or the "greasers" have it now.

Adolph D. Mohr may find stock scarce in the florist line, but he led the flower of his choice to the altar August 2, and is now numbered with the benedicts. All of the local trade wish him and his bride unlimited happiness and prosperity.

H. Kusik & Co. are handling a good supply of asters of fair quality. Gladioli and lilies still meet with a good demand. Stock cleans up well daily. This firm has disposed of one-half of the carload of moss it received recently.

The Rosery reports a good week, there being a heavy demand for funeral work. Business was much better than the corresponding week a year ago.

A. F. Barbe reports excessively hot weather at his range, but the chrysanthemums, carnations and roses are in fine shape.

August Luther, Jr., is cutting some fairly good asters and his gladioli are better than the average seen in this market.

T. J. Noll & Co. report the demand in excess of receipts. Asters, gladioli, roses and a large quantity of lilies are seen here.

Arthur Newell reports a satisfactory trade for the season, but experiences difficulty in getting quality stock.

W. L. Rock Flower Co. reports fair business with a shortage of stock.

E. J. B.

Cleveland.

The floral industry has not suffered from the heat; comparisons with the corresponding period last year shows a small gain this season, but it is very warm here, and the heat and drouth have had a telling effect on gladioli and asters, many being burnt or dried up in the field, and receipts of good outdoor stock are limited at this time. Water lilies are moving nicely but Easter lilies have shortened in supply. Sweet peas are plentiful with a fair demand. Gladioli and asters are now in better supply and in good demand. Roses continue scarce. Field carnations are beginning to arrive. Greens are plentiful.

NOTES.

At the regular meeting of the florists' club, held August 7, the following officers were nominated to be voted for at the September meeting: Sam Pentecost, president; Timothy Smith, vice-president; M. Merrick, second vice-president; Al Barber, secretary; A. C. Fox, treasurer.

The gladioli show at the Hollenden hotel, which takes place August 18-19, promises to be another big event, and retailers who want to stage baskets and table decorations should get busy. Growers also, who have not exhibited before should get into the game.

Miss Bayley, of the Westman & Getz Co., left this week for New York, where she will meet Miss Getz of the same firm.

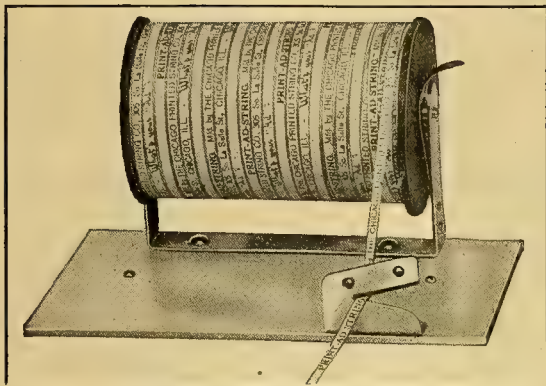
Carl Lee and H. Brothers, of the J. M. Gasser Co.'s retail store, leave Monday for Cincinnati, O., on their vacation.

Geo. W. Smith, of the Cleveland Florists' Exchange, spent several days the past week in Philadelphia and New York.

Geo. Schaub and Clarence Meyers, of the Smith & Feters Co., are spending several weeks at Twin Lakes, Mich.

C. F. B.

Print-Ad-String



Heavily nickel plated reel holders with cutter attachment FREE with first order.

FOR FLOWER BOXES

PRINT-AD-STRING is manufactured in all color designs (to match your boxes), and in any width up to $\frac{1}{2}$ inch. It is made of the same material as twine, consequently not more expensive.

PRINT-AD-STRING makes your packages look neat and attractive, and gives you miles of advertising at almost no expense.

Write for Free Color Card, Samples and Prices.

CHICAGO PRINTED STRING COMPANY

309 South La Salle Street, CHICAGO, ILL.

Mention the American Florist when writing

Hartford, Conn.

John Coombs, one of the pioneers in the business here, has a handsome store on Main street, with greenhouses on Benton street. Latticed ceiling and enameled woodwork in white with artistic formations are the features in the store and window decorations. Handsome palms add a tropical effect. It is certainly a handsome store, while the additional store on Asylum street, under the Garde hotel, is a good second. The interior here is handsome and conveniently arranged for the quick transaction of business so necessary to a retail store and the commodious window is kept well decorated.

Wm. J. Dogue, 262 Asylum street, has an elegant and showy corner location. While one of the most recent of the larger stores, this being the second season, and the proprietor is much gratified with his success so far and prospects for the future. The latest ideas in decorative effects—cases, mirrors, flower case, etc.—are seen here, and the arrangement is very pleasing. Cibotiums, handsome plants on high pedestals, produce a very decorative effect.

This wide awake New England city has more high-class flower stores than any other of its size in the United States. They are all up-to-the-minute in finish and equipment and are making a bid for business in such a live way that their influence in increasing the taste and desire for flowers is very apparent in the expanding trade.

Spear & McManus, 242 Asylum street, have an elegant store, with a greenhouse in the rear, not often seen in connection with a store so centrally located as this establishment is, making it very complete. The offices are in the balcony at the rear of the store.

Welch, The Florist, 264 Asylum street, has a fine shop, the handsome show windows being at all times nicely decorated. All of the appointments of the store are most modern and reflect excellent taste in its arrangement. A good line of seasonable flowers is well displayed.

The McManus Posey Shop, 526 Asylum street, near the railroad station, has a very practical and neatly furnished store. Every foot of space is utilized and made to do its part. Much attention is paid to the window which is kept effectively decorated.

G. G. McClunie, 165 Main street, has a neat store and is always on the job. This establishment is near the residential district and enjoys a good family trade.

K.

Rochester, N. Y.

GOOD TRADE DESPITE HOT WEATHER.

Trade has been holding up quite well for the season, notwithstanding the hot weather. There is a scarcity of flowers at present, with roses off crop, only a few good varieties being seen with any regularity. Among the best just now are My Maryland, Francis Scott Key, White Killarney and Sunburst. Carnations are very small and poor. Sweet peas are also short-stemmed and poor in quality. Easter lilies are to be had but they too are small. Asters have made their appearance.

NOTES.

Charles H. Vick, who has been in charge of the floricultural division at the state fair, is chairman of the flower section at the Rochester exposition which opens September 4. Associated with him on the committee are George B. Hart, A. H. Salter and E. P. Wilson. Prizes are to be offered in both professional and amateur classes for plants, cut flowers, floral designs, etc. Entries will be received in these sections until August 24.

Salter Bros. have been making a splendid showing of statice in a number of colors at their downtown store. The decoration at their uptown establishment is attracting considerable attention. It consists of a pool with pond lilies, groupings of aquatic plants with a background of palms, etc.

The trade extends its sympathy to the family of the late John Charlton, who died in this city August 2, after a long and useful career. A more ex-

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 No. WABASH AVE., CHICAGO
Telephone Central 466

Mention the American Florist when writing

tended notice will be found in our obituary column this week.

Several of the "new" flower shops which were opened on a small scale last spring have found the rents in the downtown section rather high and are moving into smaller quarters.

M. L. Keller, of J. B. Keller Sons, and family are rustivating. Miss Carrie Hildweiler, of the Keller force, is also enjoying her vacation.

George Cramer has been engaged to do the decorating at the floral hall at the exposition, September 4-11.

CHESTER.

Providence, R. I.

STOCK IN MOST LINES PLENTIFUL.

Stock in general has been rather plentiful during the past week, sweet peas being an exception, as the damp weather has spotted them badly, and there are practically no carnations to be had. Good rose stock can now be bought at low figures. The demand for floral work has been slow but cut flower sales have been good. There will be several large weddings in this city in a few weeks that will keep the trade busy.

NOTES.

Westminster Greenhouses have had their delivery car repainted and it presents a very fine appearance with its striking grey and gold.

Olney Williams is cutting good asters and his sweet peas are coming in again.

Macnair is making improvements at his flower store on Weybosset street.

H. A. T.

E. F. Winterson Co.

166 NORTH WABASH AV.,

CHICAGO

EVERYTHING IN
SEEDS, BULBS,
CUT FLOWERS,
Florist Supplies,
Plants.

Los Angeles.

HEAT THREATENS OUTDOOR STOCK.

The long expected hot wave has finally reached here, and if it lasts any length of time the outdoor stock will be cut down. Up to this time it has been a remarkable year, and florists have commented on the profusion of bloom of all varieties during the season. Nearly all flowers have been on the market steadily in good form, and for this reason florists, who are selling their own indoor grown stock, will naturally welcome some shortage in the outdoor varieties that may result in an increase in prices.

NOTES.

The Groen marigold is attracting much attention at the store of the Redondo Floral Co., some of the specimens measuring four and one-half inches in diameter. This firm reports that aside from funeral work there is not much doing at present, but they have several weddings booked for August. Albert Knopf is back on the job again after an auto tour, and Mr. Borden is now busy turning down his grease cups and getting ready for an extensive trip next week.

A. G. Bruce, with Wolfskill Bros. & Morris Goldenson, who was among the guardsmen who went to the Mexican border from this city, has returned, his term of service having expired.

Seki Bros. & Co. continue to bring in some very good carnations from their Hollywood establishment.

J. W. Wolters is doing some business. The first golden glow of the season was seen here recently.

Mr. Morris, of Morris & Snow, is at Monon lake in the Yosemite country, enjoying an outing.

S. Murata & Co. are shipping large quantities of new crop carnations and asters.

Aside from an occasional funeral, the Broadway Florists report business quiet.

G. H. H.

Worcester, Mass.

Worcester is fortunate in its horticultural society, with its splendid building, situated in the very center of the city, the first floor of which brings in an income of \$10,000 a year. Exhibitions, free to the public are held in spring and fall. These principal shows last two days. Other exhibitions are held in the afternoon of the third Thursday of each month from May until October. In addition there are displays of summer flowers on Thursday of each week from June until September. These are open from 3 to 4:30 p. m. and in some cases as in gladioli, rose, grape and other important shows the closing hour is 9 P. M. There is a chance for all to get honors as from three to five prizes are offered in each class. The prizes are all money, and considering the quantity, are very liberal. The building is well equipped; the hall is well lighted and commodious. A well furnished library room in the front of the building has a splendid and valuable collection of all the standard works on horticulture. Accessions are made of all the new books of value relating to plants, fruits and flowers. The Encyclopedia Britannica, 29 volumes, as well as some 20

Carnations NEW CROP Asters S. MURATA & CO.,

OLDEST AND MOST EXPERIENCED
SHIPPERS IN SOUTHERN CALIFORNIA.

751 S. Broadway,

LOS ANGELES, CALIF

Mention the American Florist when writing

other valuable books, were added the past year. The secretary's office is adjoining the library. The exhibitions held here are quite up to the standard of the monthly shows seen in the larger cities, although the competition here is restricted to residents of Worcester county.

There are a number of high class retail stores in this live city of over 160,000 people. The H. F. A. Lange establishment, with its immense range of glass in the suburbs and the commodious store at 371-373 Main street, in the center of the shopping district, have all the facilities within themselves of operating this large business. E. C. Lange is in charge of their splendidly arranged store, while L. R. Lange commands the greenhouse force. It is one of the best balanced combined retail and growing places in the country.

Randall's Flower Shop, at 13 Pleasant street, is right in it with its up-to-date equipment—it has all the earmarks of a thriving business. A very effective fixture is a wide marble-topped table or shelf along the wall at the rear of one show window. Over this is a pergola frame work. An immense mirror on the wall at the back reflects the flower case on the other side of the store. There are many other utility and ornamental features that mark this a modern shop. A good stock of flowers was attractively arranged.

Thayer, 889 Main street, in the residential district, does a nice family trade. Latticed work decorations are a feature here. Business was reported good the past season. Mrs. May Fisher, 537 Main street, is one of the oldest in the business here, and does a good transient trade. Funeral work is a specialty.

H. F. Littlefield, 552 Main street, has a handsome store with mirrors, tiled floor and fine flower case. The two large show windows are nicely decorated. The greenhouses on Kast street are an important adjunct to this business-like establishment.

K.

Buffalo, N. Y.

WEATHER WARM; BUSINESS SLOW.

August has been ushered in very warm and quiet. The calm which is noticeable in the retail shops and the intense heat in the greenhouses have a tendency to fit the florist for almost anything or place. Roses are struggling to show forth as good blooms, with My Maryland and Double White Killarney looking the best. Safrano appears larger than Aaron Ward, Francis Scott Key are very good, and while American Beauties are plentiful, the quality is only fair. Sweet peas

FLORISTS'

GREENING PINS.

No Florist should be without a box of Greening Pins, considering their small price, convenience and amount of labor saved. One box contains 10 lbs. (about 10,000 to 11,000 pins). (Samples free).

Price, per box.....\$1.50
5 boxes for.....7.00

Geo. H. Angermueller

Wholesale Florist

1324 Pine St., St. Louis, Mo.

are so dry they appear cooked and the asters present a pitiful appearance, compared with what are generally seen here. Carnations are equal to all demands but are small. Gladioli are not plentiful in any color and the demand is mostly for store decoration. Some fine phlox of unusual size are to be seen. Store alterations and redecorating are now in order and many of the establishments will be brightened up in anticipation of good trade to come.

NOTES.

D. Newlands & Co. are making extensive improvements at their range, included in which are three new houses. Situated as they are adjacent to Forest Lawn cemetery, it shows their business is increasing. Oscar Lowenthal, in charge, has been very successful with cemetery work and his stock for the fall trade is in fine shape.

Jerry Brookins and son of Orchard Park have everything in such good shape that they can spend part of each week at their summer home in Angola, N. Y.

W. J. Palmer & Son are renovating their establishment at Lancaster, N. Y., and Wm. Stroh is making improvements at his establishment at Attica.

The annual outing of the florists' club, August 2, was a most enjoyable affair. A more extended account of the event will be found in another column.

Schwert & Berner are very optimistic and say their stock will be good this fall.

BISON.

INDEPENDENCE, MO.—S. Bryson Ayers, florist, has filed a petition in bankruptcy, listing liabilities, \$4,300; assets a small amount of personal property.

Greetings to the S. A. F. & O. H.
SINNER BROS.

158 North Wabash Avenue,

WHOLESALE FLORISTS

CHICAGO, ILL.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS

CHICAGO, ILL.

L. D. Phone Central 8016-8017.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

THE LARGEST,
 BEST EQUIPPED,
 MOST CENTRALLY LOCATED
 WHOLESALE
 CUT FLOWER HOUSE
 IN CHICAGO.

174-6 N. Wabash Ave.,
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L. D. Phones Central 1977 and 1978.

Mention the American Florist when writing

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
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HOERBER BROS.

Wholesale Growers of **Cut Flowers**

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave.,

Chicago

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.

Wholesale Cut Flowers,
 Florists' Supplies.



Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST. Per doz.

Roses, Beauty, specials	\$5 00
" " 36-in.	4 00
" " 30-in.	3 00
" " 24-in.	2 50
" " 20-in.	2 00
" " 18-in.	1 00
Per 100	
" Mrs. Chas. Russell.	\$4 00@15 00
" Beauty, short	4 00@6 00
" Hoosier Beauty	2 00@10 00
" Killarney Brilliant	2 00@10 00
" Killarney	2 00@10 00
" White Killarney	2 00@10 00
" Richmond	2 00@10 00
" Prince de Bulgarie	2 00@10 00
" Rhea Reid	2 00@10 00
" My Maryland	2 00@10 00
" Mrs. Geo. Sawyer	2 00@10 00
" Milady	2 00@10 00
" Sunburst	2 00@10 00
" Mrs. Aaron Ward	2 00@10 00
" Hadley	2 00@10 00
" Ophelia	2 00@10 00
" Double White Killarney	2 00@10 00
" Mrs. Moorfield Storey	2 00@10 00
" Champ Weiland	4 00@10 00
" Stanley	3 00@10 00
" Tipperary	3 00@10 00
" Frances Scott Key	3 00@10 00
" Bayard Thayer	3 00@10 00
" Cecile Brunner	2 00@3 00
" George Elgar	2 00@3 00
" Baby Doll	2 00@3 00
" Fireflame	4 00
" Our selection	3 00
Carnations	1 00@3 00
Cattleyas	per doz., 6 00@7 50
Asters	2 00@3 00
Dahlias	3 00
Lilium Harrison	10 00@12 50
Sweet Peas	75@1 50
Valley	3 00@6 00
Adiantum Croweapum	1 00@1 50
Snappdragons	75@1 50
Daistes	1 00@3 00
Calendulas	3 00@4 00
Ferns	per 100, 1 50@3 00
Galax	1 00@1 25
Leucothoe	75@1 00
Mexican Ivy	per 1000, 5 00@6 00
Flumous Strings	each, 60@75
Smilax	per doz., 2 00@2 50
Sprenger, Flumous Sprays	3 00@4 00
Boxwood, 25clb per case	7 50

**THE BOOK OF
GLADIOLUS**



THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, \$1.25

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 440 So. Dearborn St.
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MILLER & MUSSER

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179-181-183 North Wabash Avenue, CHICAGO

ZECH & MANN

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Telephone Central 3284

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George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

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FIELD-GROWN CARNATION PLANTS

White Enchantress, White Perfection, White Wonder, Alma Ward, Matchless, C. Akehurst, C. W. Ward, Alice, Light and R. Pink Enchantress, Enchantress Supreme. Philadelphia, D. Gordon, Champion, Beacon, Victory.

Let us know your requirements and we will submit prices.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

GLADIOLI PLENTIFUL AND SELL WELL.

Gladioli now lead the market, in bulk at least. Some very good stock is seen, which cleans up much better than last year at this time—America, Augusta, Mrs. Francis King are the leading sorts. Anything high class in roses is very scarce. A few good MY Maryland, Kaiserin and Ophelia, together with fair American Beauties, are the best, and considering the great heat which they are now experiencing, are very fair flowers. Asters are disappointing—quite a quantity are offered, but the quality is far from satisfactory. They appear to be cut too soon, but the growers say that by the time the unopened buds are expanded on the plant, the open flowers would not be saleable. Some few growers have good stock and are rewarded for their trouble by satisfactory returns. Carnations are about down and out; they have held splendidly this year. Outside flowers are in good demand. Hydrangeas, gypsophilas, feverfews, larkspurs, and Clematis paniculatas are fast commencing to come in. There are also a few dahlias. Lily of the valley is scarce; hardly enough to fill regular orders and little for the occasional buyer. Cattleyas are not nearly so plentiful, with from 25 to 33 per cent rise in values.

NOTES.

Philip Fruend, of the H. F. Michell Co. force, has charge of all the decorative features of the store and gives a good deal of thought to their two large show windows. Last week one was filled with choice gladioli, while the other was a strawberry bed in full fruit. This latter was a picture with its quantity of plants heavily fruited with berries of all sizes; the leaves and fruit were artificial, but the appearance was just like a part of the garden. Out on the street, in front, boxes of strawberry plants in pots, fine stock, were for sale. This week all is changed, for, as Mr. Fruend says, "We very seldom carry a window for more than a week. We believe our windows are the most effective advertising, and they are kept up to standard all the time."

Next week is convention week, but so far, outside of representatives of the supply houses, this city will have but one member in attendance, Hon. Joseph Heacock who has gone with the New York delegation, by boat from New York. There was a death in Mr. Heacock's family last week. His sister, Miss Gaylor Heacock, passed away at age of 87. She had scarcely ever been ill and was about the day before she died, the end coming suddenly from heart failure. For many years she assisted her sister in conducting a young ladies' seminary.

Wm. P. Craig has resigned from the Robert Craig Co. and is to go into the business of forcing cut roses for the market. If satisfactory buildings cannot be secured, a new plant of considerable size will be erected in the neighborhood of this city.

Robert Craig and some of his department heads, spent the last week end with Commodore Westcott at

Wholesale Flower Markets

BOSTON, Aug. 9.		Per 100
Roses, Beauty.....	20 00@25 00	
" Killarney Queen.....	2 00@ 8 00	
" White and Pink Killarney.....	2 00@ 8 00	
" Double White Killarney.....	2 00@ 8 00	
" Killarney Brilliant.....	4 00@10 00	
" Hadley.....	4 00@10 00	
" Cardinal.....	2 00@ 8 00	
" Mock.....	6 00@12 00	
" Mrs. Chas. Russell.....	6 00@12 00	
" Sunburst.....	6 00@12 00	
" Taft.....	2 00@ 8 00	
" Milady.....	2 00@ 6 00	
" Ward and Hillingdon.....	2 00@ 8 00	
" My Maryland.....	50 @ 5 00	
Cattleyas.....	50 00@75 00	
Lily of the Valley.....	4 00@ 5 00	
Sweet Peas.....	50 @ 1 00	
Carnations.....	1 00@ 2 00	
select.....	2 00@ 3 00	

BUFFALO, Aug. 9.		Per 100
Beauty Special.....	25 00@25 00	
" Fancy.....	15 00@20 00	
" Extra.....	10 00@12 00	
" First.....	8 00@10 00	
" Second.....	2 00@ 4 00	
Roses, Killarney.....	3 00@ 6 00	
" White Killarney.....	3 00@ 6 00	
" My Maryland.....	3 00@ 7 00	
" Killarney Queen.....	3 00@ 6 00	
" Richmond.....	3 00@ 8 00	
" Sunburst.....	3 00@ 6 00	
" Ward.....	2 00@ 5 00	
" Taft.....	3 00@ 8 00	
" Ophelia.....	3 00@ 8 00	
" Sawyer.....	3 00@ 6 00	
" Bon Silene.....	2 00@ 3 00	
Lily of the Valley.....	4 00@ 6 00	
Lilies.....	8 00@10 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 00@ 2 00	
Gladiolus.....	3 00@ 4 00	
Asters.....	1 00@ 2 00	
Asparagus Sprengeri.....	35 @ 50	
Ferns.....per 1000,	2 00	
Smilax.....	15 00	

CINCINNATI, Aug. 9.		Per 100
Roses, Beauty.....per doz.,	\$3 75@ \$3 00	
" Killarney.....	2 00@ 6 00	
" My Maryland.....	2 00@ 6 00	
" Richmond.....	2 00@ 6 00	
" Taft.....	2 00@ 6 00	
Lilium Giganteum.....	6 00@10 00	
Asparagus Plumosus, per bch.,	25c	
Orchids.....per doz.,	6 00	
Gladiolus.....	2 00@ 4 00	
Snape dragons.....	2 00@ 4 00	
Asters.....	1 00@ 2 00	

Waretown. A large shark from 10 to 12 feet in length, seen in the bay, interested them. Fortunately they saw him first and there is no tragedy. The Philadelphia Wholesale Cut Flower Exchange is busy fitting up its new store, 1615 Ranstead street, which will be very complete when finished. John Cunningham has now associated himself with the company.

S. S. Skidelsky has just had a cataract successfully removed from one of his eyes. What little use he has given his eye since the operation leads him to believe that his sight is now fully restored.

Stuart H. Miller reports his first summer's business to be very satisfactory. Good gladioli and very fair asters are handled in quantity.

One of the cut flower commission houses in Pennsylvania is reported to have done a business the past year running into seven figures.

Large quantities of carnation plants, field grown, are offered by the Leo Niessen Co. The stock is said to be very fine.

Edward Reid is featuring My Maryland, Mock and Kaiserin roses. Good asters are also leaders.

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET, BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

Mention the American Florist when writing

BERGER BROS.

Central Market

ROSES, ORCHIDS, VALLEY

A full line of Summer Flowers

Always high grade Easter Lilies

1225 Race St., Philadelphia, Pa.

Mention the American Florist when writing

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Holyoke and Northampton Club.

The regular meeting of the Holyoke and Northampton Gardeners' and Florists' Club was held at the establishment of R. S. Cary, South Hadley, Mass., August 1. The attendance was well up to the average and practically the entire time was devoted to the reading and discussion of essays. H. E. Downer read a paper received from the National Association of Gardeners, entitled, "Horticulture as a Profession From the Standpoint of a Gardener," written by J. Johnson, New York. The paper was full of good points and a most interesting discussion followed. G. W. Thornley, florist at the state hospital, read a paper entitled, "Reminiscences of Bedding Plants," from

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
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Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

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Wholesalers and Growers of
**Choice Cut Flowers
and Greens**

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower ship-
pers in MINNEAPOLIS. Let us sup-
ply your wants. If it is on the mar-
ket we can furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

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Manufacturers of Wire Designs.

We are the largest cut flower shippers
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Get our prices before placing order.
We guarantee satisfaction.

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KANSAS CITY, MO.

Extra Quality Pink and White Killar-
ney, Richmonds, American Beauties,
Fancy Carnations, Yellow Daisies,
Valley, Orchids and Peas.

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Buy from the grower.

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WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock
Killarney, Sunburst and others.
CATTLEYS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

which we gather that some of the stock
offered at present falls short of the
standard of quality obtained in past
years. This naturally started some-
thing, and the discussion ranged all
the way from the customers' pocket-
book to the problem of obtaining effi-
cient help. Mr. Thormley also en-
tertained us with his experiences on
a recent trip to Florida. His descrip-
tion of the vegetation was such as to
make us wish to see it for ourselves.

H. E. D.

GUST. RUSCH & CO.

Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245.

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Milwaukee St., Milwaukee, Wis.



New Fancy Ferns

Special picked. Leave your regular orders with us.

Fancy Lily of the Valley, Orchids, Gladioli, Lilies and all other seasonable flowers.

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C. A. KUEHN, Wholesale Florist,
1312 Pine St., ST. LOUIS, MO

Wholesale Flower Markets

PHILADELPHIA, Aug. 9.		Per 100
Roses, Beauty, extra.....	20 00@25 00	
first.....	10 00@15 00	
Mrs. Chas. Russell.....	8 00@15 00	
Killarney.....	2 00@ 4 00	
White Killarney.....	2 00@ 8 00	
Liberty.....	5 00@10 00	
Hadley.....	4 00@12 00	
Sunburst.....	3 00@ 8 00	
Ophelia.....	3 00@ 8 00	
Hoosier Beauty.....	4 00@12 00	
Carnations.....	2 00@ 4 00	
Cattleyas.....	35 00@50 00	
Lilium Harrisonii.....	6 00@ 8 00	
Asters.....	2 00@ 4 00	
Gladiolus.....	6 00@ 8 00	
Larkspur.....	4 00@ 6 00	
Asparagus.....	per bunch, 50	

PITTSBURGH, Aug. 9.		Per 100
Roses, Beauty, special.....	25 00	
fancy.....	20 00	
extra.....	15 00	
No. 1.....	8 00	
Killarney.....	2 00@ 8 00	
My Maryland.....	2 00@ 8 00	
Sunburst.....	2 00@ 8 00	
Mrs. Aaron Ward.....	2 00@ 5 00	
Richmond.....	3 00@ 8 00	
Cattleyas.....	30 00	
Lilium Giganteum.....	8 00	
Carnations.....	1 00	
Adiantum.....	1 25	
Asparagus Sprengeri, per bunch.....	35@40	
Sweet Peas.....	50	
Asters.....	1 00@ 2 00	
Gladiolus.....	2 00@ 4 00	
Water Lilies.....	2 00	
Lily of the Valley.....	4.00 per 100	

MILWAUKEE, Aug. 9.		Per 100
Roses, Killarney and W. Killarney.....	2 00@ 8 00	
Ward.....	2 00@ 6 00	
Mrs. Chas. Russell.....	4 00@15 00	
Ophelia.....	3 00@ 8 00	
Hoosier Beauty.....	3 00@ 8 00	
Lilies.....	10 00@12 50	
Cattleyas.....	per doz., 6 00	
Sweet Peas.....	25@ 50	
Carnations.....	1 00@ 2 00	
Snagdragons.....	doz., \$0.25@ \$0.50	
Gladioli.....	4 00@ 5 00	
Rubrams.....	4 00	
Valley.....	3 00@ 5 00	

DAVID WELCH

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WELCH'S
WHOLESALE AND
COMMISSION FLORISTS

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280 and 282 Devonshire St.,
BOSTON, MASS.

Consignments of Beauties, Lilies of the Valley,
Orchids and all other flowers received daily.

Telephone—Court Hill 2964, 2965.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

ST. LOUIS, Aug. 9.		Per 100
Roses, Killarney.....	1 00@ 4 00	
White Killarney.....	1 00@ 4 00	
Aaron Ward.....	1 00@ 4 00	
Sunburst.....	2 00@ 6 00	
Ophelia.....	2 00@ 6 00	
Cecile Brunner.....	2 00	
Richmond.....	1 00@ 4 00	
Valley.....	4 00	
Lilies.....	10 00	
Asparagus Plumosus, per bu.....	25@75	
Ferns.....	per 1000, 1 50	
Bronze Galax.....	per 1000, 1 00	

New York.

OUTLOOK FAR FROM ENCOURAGING.

Business was very light in the wholesale district during the past week. Most of the stores are now closing at 4 p. m., but for that matter they might close at noon without missing much business. July 31 was a very hot day, but contrary to expectations, the remainder of the week was fairly comfortable. This week opens with a higher temperature, and with a prospect of the various street car lines being tied up, the outlook is not reassuring. The quality of stock, as a rule, continues poor. Not much can be expected of roses at this season, and the quality of asters, up to this time, has been unusually poor. No fault can be found with the lilies, but they are more plentiful and can now be bought at the rate of \$4 per 100. The supply of orchids continues light and the best wholesale at the rate of \$75 per 100. Lily of the valley is also rather scarce and the best stock goes at \$5 per 100. There is an increasing surplus of gladioli on the market and the bulk of sales are at 75 cents to \$1 per 100, for common stock, and there have been sales of America as low as \$1 per 100. A few gardenias are arriving, which are soon taken, but the supply is not large enough to class them as factors. The best stock of roses seemed to go a little better during the past week than the week previous.

August 7.—With a light demand, an increasing supply of stock, much of it poor, business is down to bedrock dullness. A great quantity of asters and gladioli are on the market. One dealer has stated that he does not expect to average over 50 cents per 100 for his gladioli, as many cannot be sold. A few asters bring \$2 per 100, but six dozen for \$1 is nearer the ruling figures for the better grade of stock and there are quantities going cheaper. Lily of the valley and orchids are scarce. Small quantities of the former have sold at the rate of \$8 per 100, but \$6 is about the top price for a large quantity.

NOTES.

Mrs. Julia E. Tichenor, of Brooklyn, has come out strong for the columbine as the national flower. A. L. Miller, the well-known grower of Jamaica and Brooklyn, seems to be of the same mind, as he has made a selection of columbine petals, which are illustrated in the New York World of August 6. Here are the reasons therein advanced for the selection of the columbine: "(1) It grows in every state of the Union, from the cold latitudes of the Canada border to those of sub-tropical Florida. (2) It is the only plant that produces flowers in the three national colors—red, white, and blue. (3) Its botanical name, Aquilegia, designates the eagle, our national emblem. (4) The common name, columbine, means doves, because of the resemblance of the petals to the heads of doves gathered in a ring about a dish—many in peace and union. Also, the name is very near Columbia, in which the discoverer Columbus is honored. (5) The five spurred petals when removed from the flower are so many Liberty caps for the Republic's goddess. (6) The five petals remaining on the stem after removal of the Liberty caps form a perfect five-pointed star for the flag."

Young & Nugent, 42 West 28th street, had a very large amount of funeral work during the past week, and the designs arranged for the funeral of William T. Rock, formerly president of the Vitagraph Motion Picture Company of America, filled a large auto-truck. There was a cross six feet high of orchids and lily of the valley, and a number of standing wreaths, largely of orchids and lily of

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

Mention the American Florist when writing

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of
its Best Growers.

Mention the American Florist when writing

the valley. As orchids were not plentiful, they nearly cleaned up the market.

It appears, at this writing, that the delegation from this city to the Houston convention will be small. We learn that Joseph A. Manda of West Orange and C. W. Scott of the Yokohama Nursery Co. are booked for passage, also Richard Vincent, Jr., and wife, of White Marsh, Md. There will probably be some delegates from Philadelphia, and Washington. The long trip and a dread of hot weather seem to be the deterring features.

Mrs. Emma Lewisohn, wife of Adolph Lewisohn, banker and capitalist, died July 28 at the summer home of the family, Elberon, N. J., aged 61 years. The Lewisohns have been widely known in this city and state for their interest in horticulture, and John Canning, their gardener, has staged many fine exhibits at the shows. Mrs. Lewisohn was also noted for her charities.

Mrs. Leo Klein, wife of the retail florist of Lexington avenue and 60th street, recently fell through a fire escape at her home and was taken to Flower hospital in a serious condition, but is now improving. She fell two stories, and though no bones were broken, she was unconscious for 36 hours.

Walter Mott, who travels for Benjamin Hammond, Beacon, N. Y., selling the famous "Slug Shot" and other condiments that exterminate bugs and other "varmints," visited this city recently.

C. W. Scott, of the Yokohama Nursery Co., advises us that Japanese lily bulbs will hereafter be admitted to England, but bulbs from other countries are yet barred.

Knight & Struck Co. have removed to more commodious quarters and now occupy the entire fourth floor at 258 Fifth avenue, near Twenty-eighth street.

Hentz & Nash, Inc., in the rooms of the New York Cut Flower Co., are receiving a good stock of Hadley, Ophelia, White Killarney and other roses.

Most of the seedsmen have received shipments of Harrisii lily bulbs from Bermuda, and they are said to be good.

James Coyle, 64 West 26th street, who has been laid up with rheumatism for three weeks, is again at business.

William G. Loeser, bookkeeper for Badgley & Bishop, Inc., 34 West 28th street, has gone on his vacation.



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Wholesale Florists

Have twenty-two years experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

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INC.
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FARRAGUT { 2036
2037 NEW YORK

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20 years experience

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25 YEARS EXPERIENCE

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3532-3533 Farragut 133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and
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Goldstein & Futterman

WHOLESALE FLORISTS

The Right People to Deal With.

102 West 28th St., New York

Wholesale Flower Markets

NEW YORK, Aug. 9. Per 100

Roses, Beauty, special.....	8 00@20 00
" " extra and fancy...	4 00@ 6 00
" " No. 1 and No. 2...	2 00@ 3 00
" Prima Donna.....	1 00@ 8 00
" Alice Stanley.....	50@ 4 00
" Francis Scott Key, special.	12 00
" Mrs. Geo. Shawyer.....	50@ 4 00
" White Killarney, special...	3 00@ 4 00
" Killarney, My Maryland...	
" " special.....	3 00@ 4 00
" " No. 1 and No. 2...	25@ 1 00
" " Queen.....	50@ 4 00
" " Brilliant.....	25@ 4 00
" Aaron Ward.....	50@ 5 00
" Richmond.....	25@ 4 00
" Sunburst.....	25@ 4 00
" Taft.....	50@ 4 00
" J. L. Mock.....	1 00@ 6 00
" Ophelia.....	25@ 5 00
" Mrs. Chas. Russell.....	1 00@ 6 00
" Ulrich Brunner.....	1 00@10 00
Cattleya Orchids, special.....	60 00@75 00
" " inferior grades.....	25 00@35 00
Lilies, Longiflorum and Harrisii...	3 00@ 4 00
Lily of the Valley.....	4 00@ 6 00
Carnations.....	50@ 1 50
Adiantum Croweanum and	
Hybridum.....	1 50@ 2 50
Asparagus Plumosus.....doz. bchs.	1 00@ 1 50
Smilax.....doz. strings.	50@ 60
Glaadiolus America.....	1 50
" " inferior grades.....	50@ 80
Asters.....	1 00@ 2 00

United Cut Flower Co., Inc.

WHOLESALE

111 West 28th St., New York

Telephones: Farragut { 4422
4423

PERCY W. RICHTERS, Manager.

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HOUSE OF FERNS

Phone, Madison Square 4051.

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Asparagus Plumosus Nanus A Specialty.

RETTA E. RANKIN, Manager.

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Frank H. Traendly

Charles Schenck

Traendly & SchenckWholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
Between 26th and 27th Sts.

Telephones: 798 and 799 Farragut.

Orchids, Roses, Carnations and all the other
best products of the leading growers.
Consignments solicited.

Mention the American Florist when writing

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Successor to Kessler Bros.

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CUT FLOWERS**WHOLESALE PLANTSMEN AND FLORISTS**Phone 2336 Farragut Shipments Everywhere
Prompt and satisfactory. Consignments solicited**N. Y. Cut Flower Exchange**Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales
at 6 o'clock every morning.

Desirable well space to rent for advertising.

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FRESH CUT EVERGREENSand Mosses. Decorating Material for
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Telephones: Farragut 2164-5893

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George B. Hart

WHOLESALE FLORIST

24-30 Stone St., Rochester, N.Y.

M. C. Ford121 WEST 28th STREET
NEW YORK

Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
A complete assortment of the best in the
market can always be relied upon.

Telephone Farragut 634, 3066

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Wholesale Florist

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GEO. W. CRAWBUCK, Pres.

George W. Crawbuck Co.
(INC.)

Wholesale Commission Florists

75 WEST 28th STREET, NEW YORK

Telephone, Madison Square 5296.



It will pay you to get in touch with us for your paper boxes.

We have the experience, we have the plant, and we have the prices that make it worth your while to get acquainted with us.

Necessity may not compel you to do your business with us, but satisfaction and economy will.



A.A. ARNOLD PAPER BOX COMPANY
1302-1308 West Division St. Chicago



At the range of Dalledouze Brothers, Flatbush, we recently noticed exceptionally fine stock of Chrysanthemums Chrysolora and October Frost. They have made fine growths and the foliage looks exceptionally clean and healthy. They have quite a stock of Early Frost that is now flowering. Paul and Henry Dalledouze have gone to Alaska, and Eugene and wife have returned home from there.

At the Henry Hession range, Flatbush, one found great activity in carnation planting and the stock looks well. A. Demeusey and G. Messeberg, also Flatbush growers, have good stocks of carnations planted. Considering the very wet weather of early summer, these carnations have done better than might have been expected. Much outdoor stock has not done well this summer.

Walter Lee, manager for the Astoria Florist, 2188 Broadway, has just returned from a vacation of several weeks at the Delaware Water Gap. M. Vlachos, proprietor of the store, and wife, are now at a New England resort.

John Donaldson, now of Patchogue, L. I., formerly of Elmhurst, and a popular and familiar figure in the wholesale district, was a visitor the past week.

William Moore, of the S. S. Pennock-Meehan Co., Philadelphia, Pa., visited a number of old friends in this city, August 5, while on his vacation.

Miss O'Brien, bookkeeper for Guttman & Raynor, Inc., has gone to the Catskill mountains on a two weeks' vacation. A. F. F.

Horticultural Society of New York.

This society will hold an exhibition August 19-20, in the museum building, New York Botanical Garden, Bronx park, New York City. It will be mainly a gladiolus show, but premiums are also offered for montbretias and also collections of annual flowers. The exhibition committee is also authorized to award prizes for exhibits not included in the regular published schedule of premiums. Such exhibits will be welcome. Schedules are now ready for distribution and will be sent on application to the secretary, George V. Nash, New York Botanical Garden, Bronx Park, New York City.

GEORGE V. NASH, Sec'y.

MILWAUKEE, WIS.—A palm house and conservatory to cost \$25,000 will be built by Albert Trostel at his residence on Lake Drive.

ST. LOUIS, MO.—The St. Louis Wholesale Cut Flower Co. announces it will be ready for business at 1410 Pine street, about September 4. Business hours, 7 a. m. to 6 p. m., week days, and 7 a. m. to noon Sundays.

Our Motto for Progressiveness

Customers must be satisfied, has made our unexcelled delivery possible.



Send us your next order for Washington, D. C., and vicinity, if you appreciate quality, quantity and mode of good conduct.

GUDE BROTHERS CO.

Florists and Floral Decorators,

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Members of the F. T. D.

NEW FERNS

Green Sheet Moss.....\$1.75 per bag
Perpetuated Moss..... 3.50 per bag
Lyrata (Evergreen Oak) 2.50 per case

Caldwell the Woodsman Co.

Everything in Southern Evergreens

EVERGREEN,

ALABAMA

RICHMOND, IND.—The Joseph H. Hill Co. has been incorporated with a capital stock of \$80,000. The directors are Joseph H. Hill, Clem A. Gaar and Lucile Gaar Hill.

NEW CROP

Green Sheet Moss.....\$1.75 per bag
Perpetuated Moss..... 3.50 per bag
Lyrata (Evergreen Oak

Foliage)..... 2.50 per case

Edward A. Beaven, EVERGREEN, ALA.

NEWARK, O.—The Miller Greenhouses, consisting of eight houses all planted, and which, together with land and other buildings, were appraised at \$12,000, were sold at auction July 29.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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FLORISTS

NEW YORK AND WASHINGTON

Announce the removal of their New York store to

505 MADISON AVENUE AT 52ND STREET.

WASHINGTON, D. C.,
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Floral and
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WALDORF ASTORIA and
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Send us your retail orders.

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THE VANDERBILT HOTEL

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34th St.



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And 49th St., NEW YORK

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For Rhode Island and Connecticut

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611 FIFTH AVE., COR. 49TH STREET.

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TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
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Syracuse, N. Y.

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FLORIST

536 SOUTH SALINA STREET

General designs—All flowers in season

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists:
We are in the Heart of NEW YORK
And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

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522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO

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Retail Florists! Attention!

All mail and telegraph orders for Chicago and vicinity will be given immediate attention and filled with strictly fresh stock.

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Established 1874.

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and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

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Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

For Wisconsin Delivery

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Get in touch with

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New York.

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In the Heart of the most exclusive residential section.

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Omaha, Neb.

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DES MOINES

IN THE CENTER OF IOWA



J. S. Wilson Floral Co.

We cover all points in Iowa.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Oklahoma City.

In spite of the warm weather that prevails, the florists are doing a little business every day, but are severely handicapped in procuring good stock. Flowers that are shipped in are of uniformly poor quality, and the local grown outdoor stock is beginning to feel the effects of the continued heat.

Delegates to the S. A. F. convention will leave over the Santa Fe railroad at noon, August 14, and will reach Houston the following morning about seven o'clock. Just how many will be in the party cannot be determined at this writing.

After a vigorous political campaign, S. S. Butterfield succeeded in winning the nomination for representative in the next legislature for the second district of Oklahoma county.

Visitor: Howard Royer, representing H. Bayersdorfer & Co., Philadelphia, Pa.

GLOVERSVILLE, N. Y.—Paul Trunka has purchased the business of E. T. Denham on Third avenue.

KIMBERLY, W. S.—Wm. Green is building an addition which will double the capacity of his range here.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery.

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

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D. C.

Gudes'

Members of Florists' Telegraph Delivery.

SAN FRANCISCO JOSEPH'S

233-235 GRANT AVENUE

Members of Florist's Telegraph Delivery and National Florists for this District. A specialty made of "Welcoming" and "Bon Voyage" packages.

Denver, Colo.

The Park Floral Co.

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President.

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GREAT BRITAIN

WILLS & SEGAR,

ROYAL EXOTIC NURSERY,

Onslow Crescent, S. Kensington, London

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—TO—

H. M. KING GEORGE V and H. M. QUEEN ALEXANDRA

We shall be pleased to carry out commissions from our American confreres to deliver

Cut Flowers, Floral Baskets, Floral Designs, Etc.

to American visitors in any part of Great Britain.

Cablegrams—"FLOSCULO, LONDON."

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HOLLYWOOD GARDENS

Seattle's Leading Flower Shop

1536 SECOND AVE.

Members of Florists' Telegraph Delivery.

PHILADELPHIA, 1800 Chestnut St.
ATLANTIC CITY, 2517 Board WalkTHE LONDON FLOWER
SHOP, LTD.

Members of Florists' Telegraph Delivery.

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A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

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THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of Florists' Telegraph Delivery.

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Blackstone

14th and H. Street.

Mention the American Florist when writing

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JOSEPH TREPEL

334 Lewis Ave., No. 1310 Bedford

—Six Up-to-date stores in the City of Brooklyn—
We give personal attention to your orders and guarantee satisfaction

Mention the American Florist when writing

Duluth, Minn.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota. Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

Mention the American Florist when writing

Rockford, Ill.

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Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Lawrence, Mass.

This large business center, with a population of almost 100,000 people, has large manufacturing interests with a foreign population above the average. They are most prosperous at this time, every man at all willing, being employed at good wages. There are a number of active, up-to-date men in the trade here. Thornton Bros., on Essex street, sell both cut flowers and seeds and have a large well appointed store, particularly well stocked with all the requisites of a modern retail shop.

W. C. Campbell, 17 Lawrence street, just off of Essex street, the main thoroughfare, is one of the live wires. A collection of decorative plants is a feature here. This establishment has all the appearances of being a busy one.

Swan & Berndtson, in the residential district, have a conveniently arranged store and greenhouses, growing much of the stock they sell. They report a very satisfactory business during the past season.

Wm. F. Regan, 504 Essex street, makes a specialty of waxed flowers and wreaths, but also carries natural flowers in stock. Funeral work is his specialty.

A. H. Wagland, 647 Broadway, does a general business, covering all branches, including cemetery vases and bedding. His has been a satisfactory season.

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M. J. CALLAHAN
FLOWERS

3924 Market Street Both Phones

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BRIGGS FLORAL CO.

228 W. Madison St.
801 Sheridan Road.

Special attention paid to telegraph orders in Chicago and vicinity. One of our stores is located in the heart of the city and the other in the select north side residential district

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SEKI BROS. & CO.

Wholesale and Retail Florists

We grow our own flowers All kinds of Decoration a Specialty

Phone A-2550 229 W. 4th Street

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Careful attention to all mail or telegraph orders for delivery in Wilmette—Chicago's North Shore Suburb—Evanston, Kenilworth, Winnetka, Glencoe, Lake Forest.

Mention the American Florist when writing

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Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

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Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

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FLORIST AND DECORATOR

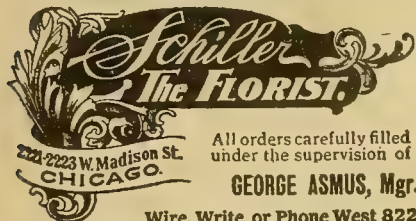
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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



All orders carefully filled under the supervision of
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FLORISTS**

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Members of Florists' Telegraph Delivery.

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Bramley & Son

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The Largest Growers of Flowers in City

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Floral Co.**

Main and McKinney Phone, Preston 160

Toledo, O.

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(Successor to Geo. A. Heisl)

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Both Phones, 527.

Special attention to Mail and Telegraph Orders.
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All Orders Promptly Executed

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Newark, Ohio.

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Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.

THINK OF HEINL'S

Name Index to Retail Florists Filling Telegraph Orders.

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Briggs Floral Co., Chicago.
Brooklyn Cut Flower Market, Brooklyn, N. Y.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Comley, Henry R., 6 Park St., Boston, Mass.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Dard's, 44th and Madison Ave., New York.
Dominion Floral Co., The Montreal, Quebec.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyles, 106 State St., Albany, N. Y.
Evenden Bros., Williamsport, Pa.
Fox, J. M. & Son, Inc., Milwaukee, Wis.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Hatcher, John C., Schenectady, N. Y.
Hencle, Miles S., Syracuse, N. Y.
Heisl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Higgins, N. P., Springfield, Mass.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Howard & Smith, Los Angeles, Calif.
Huscroft's Flower Shop, Steubenville, O.
Johnston & Co., T. J., Providence, R. I.
Joseph's, 233-235 Grant Ave., San Francisco.
Joy Floral Co., Nashville, Tenn.
Keller Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia, Pa.
London Flower Shop, Ltd., Atlantic City, N. J.
Mangel, Chicago.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
McMurray, D. M., Pueblo, Colo.
Metairie Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Ogden Floral Co., Chicago.
Paley, Paul M., Little Rock, Ark.
Palmer, W. J. & Sons, Buffalo, N. Y.
Park Floral Co., The, Denver, Colo.
Pearson, E. W., Newburyport, Mass.
Penn, The Florist, Boston, Mass.
Philips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Potter Floral Co., El Paso, Texas.
Pyfer & Olsem, Wilmette, Ill.
Randall's Flower Shop, Worcester, Mass.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London and Norwich, Conn.
Reuter's, Westerly, R. I.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Seki Bros. & Co., Los Angeles, Calif.
Smith & Fettes, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Van Meter Flower Shop, Springfield, O.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Whitted Floral Co., Minneapolis, Minn.
Wilson, J. S., Floral Co., Des Moines, Iowa.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
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2139 2141 Broadway, cor. 75th St.

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Phones, 1552-1553 Columbus

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Mail or telegraphic orders promptly and most carefully executed.

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**A. Newell
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Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Albany, N. Y.

EYLES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

106 STATE STREET.

Toronto, Can.

Canada's best known and most reliable florist

Only the Best Dunlop's

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**BOSTON 1 Park Street
799 Boylston Street**

Deliveries to steamers and all Eastern Points.

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Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

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Telephone 1813 Main

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Cut Flower Market, Inc.

Floral Designs a Specialty
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BRANCH: 408 Fulton St.
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NASHVILLE, TENN.

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Artistic Floral Work and Long Stem
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will take care of all telegraphic orders.

Michigan.

Orders will be carefully
cared for by

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Members of Florists' Telegraph Delivery.

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GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

St. Louis, Mo.

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Flowers delivered in city and state on short notice
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All orders carefully filled and delivered to all parts
of the city, Arkansas and the Southwest.

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyes, 106 State St.
Amsterdam, N. Y.—John C. Hatcher.
Boston, Mass.—Comley, Henry R.
Boston—Thos. F. Galvin, Inc.
Boston—Penn. The Florist.
Brooklyn, N. Y.—Brooklyn Cut Flower Market.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Briggs Floral Co.
Chicago—Friedman, 522 S. Michigan Blvd.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder, 3343 W. Madison St.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel, 17 E. Monroe St.
Chicago—Ogden Floral Co.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews, the Florist.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Des Moines, Iowa.—J. S. Wilson Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
El Paso, Texas—Potter Floral Co.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles, Calif.—Howard & Smith.
Los Angeles, Calif.—Seki Bros. & Co.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Milwaukee, Wis.—J. M. Fox & Son, Inc.
Montreal, Quebec—The Dominion Floral Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
Newburyport, Mass.—E. W. Pearson.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Henry Hart, Inc.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—J. H. Small & Sons.
New York—G. E. M. Stummpp.
New York—Young & Nugent.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop, Ltd.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Providence, R. I.—T. J. Johnston & Co.
Pueblo, Colo.—McMurray, D. M.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Schenectady, N. Y.—John C. Hatcher.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Mullaughy Florists.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Joseph's, 233-35 Grant Ave.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archbas Floral Co.
Springfield, Mass.—N. F. Higgins.
Springfield, O.—Van Meter Flower Shop.
Steubenville, O.—Huscroft's Flower Shop.
Stracuse, N. Y.—Miles S. Hencle.
Terre Haute, Ind.—J. G. Heisl & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.
Winnetka, Ill.—Pyfer & Olsem.
Williamsport, Pa.—Everden Bros. Co.
Worcester, Mass.—Randall's Flower Shop.

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CHICAGO Mangel The Palmer House Florist 17 E. MONROE ST.

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C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

Mention the American Florist when writing

Send Telegraph, Telephone or Mail Orders
for florist service in this vicinity to

THE DOMINION FLORAL CO. 484 St. Catherine's St., West Montreal, Que., Canada

Every order receives prompt and careful attention

C. Frauenfelder FLORIST

3343 W. MADISON ST.
NEAR GARFIELD PARK

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THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

E. W. PEARSON

47 State St., NEWBURYPORT, MASS.,

Covers all New England points.

Trade Directory

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American Florist Co.,
440 S. Dearborn St., CHICAGO

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Pueblo, Colo.

D. M. McMurray
FLORIST

105 East Abriendo Ave.

Mention the American Florist when writing

Send Telegraph, Telephone or Mail orders for florist service in this vicinity to

Howard & Smith

853 So. Olive St., Los Angeles, Calif.

Every Order sure to receive prompt and careful attention.

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Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

VAN METER FLOWER SHOP
SPRING
and HIGH, **Springfield, O.**

BEST FLOWERS for EVERY OCCASION.

Mention the American Florist when writing

Williamsport, Pa.
EVEN DEN BROS. CO.

Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

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HENRY R. COMLEY, Florist, 6 Park St.

50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

Mention the American Florist when writing

John C. Hatcher

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Greenhouses: Hatcher's Station, Hoffmans, N. Y.

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Mention the American Florist when writing

Boston, Mass.

Penn
The Florist

"Penn, The Telegraph Florist"

Member of Florists' Telegraph Delivery Ass'n.

124 TREMONT STREET

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

Mention the American Florist when writing

Trade Directory

Containing the Names and Addresses of Florists of the United States and Canada.

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American Florist Co., 440 S. Dearborn St., Chicago

Mention the American Florist when writing

Omaha.

The annual outing of the Omaha and Council Bluffs Florists' Club was held at Lake Manawa, August 3, all flower shops in both cities closing at 2 p. m. with the result that there was a good attendance, florists and their families and friends to the number of over 200 being on hand and all had a most enjoyable time. The weather was delightful and a fine programme of sports was carried out, liberal awards being given the winners. In the tug-of-war, which was one of the features, the Council Bluffs team had things much their own way. Following the games, a group photograph was taken, after which a splendid repast was served in the spacious dining room of the Lake Manawa boat club. After the dinner the entertainment committee distributed hundreds of tickets for the many side shows at the resort to the ladies and children. Mr. Gardiner, of Herman Bros. Co., Inc., Council Bluffs, and L. Hine, of Hess & Swoboda, Omaha, who were in charge of the arrangements, are receiving many compliments for the success of the affair, it being conceded the most enjoyable outing in the history of the craft in this vicinity.

Lewis Henderson has consolidated his business at his old location in the New Rose building, 1519 Farnam street, the lease on his store in the Fontenelle hotel having expired August 1.

WASHINGTON, N. J.—Five houses, each 35x140 feet, will be added to the extensive range of Alonzo J. Bryan.

CLEVELAND, O.—Michael Bloy, of Detroit, Mich., is here for a few days, having sold out his business complete to new parties in the trade.

LOUISVILLE, KY.

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Member of Florists' Telegraph Delivery.

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Experts to Arrange Them.

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Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

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16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

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We are Located Near Seven of Chicago's Leading West Side Hospitals and Can Fill all Orders properly on short notice. L. D. Phone, West 722

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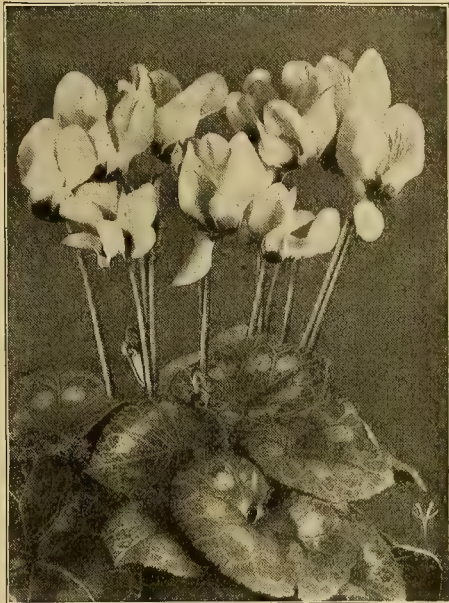
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Vaughan's Flower Seeds

CYCLAMEN.



CYCLAMEN.

VAUGHAN'S GIANT PANSY MIXTURE

Embraces besides all the separate shades and colors five special strains not listed elsewhere and which can only be had in this and our international mixture. Trade pkt., 25c; ¼ oz., 60c; oz., \$4.00; ½ lb., \$14.00.

SWEET PEAS.

New Early Flowering Long Season Spencers.

EARLY MORNING STAR The color is a deep orange scarlet or flame color in standard with rich orange pink wings.

25 Seeds, 25c; Trade Pkt., (¼ oz.) \$1.25; oz., \$4.50 net.

EARLY SONG BIRD The flower is the same color as "Florence Morse Spencer" and a bit lighter than "Elfrida Pearson." It has the same excellent form and features of Mrs. Hugh Dickson but is on white ground.

25 Seeds, 25c; Trade Pkt. (¼ oz.), \$1.00; oz., \$3.50 net.

EARLY MELODY This is a deeper shade of pink than "Early Song Bird" on white ground, closely resembling "Countess Spencer" and near "Hercules." It might be described as rose pink on white ground.

25 Seeds, 25c; Trade Pkt. (¼ oz.), \$1.00; oz., \$3.50 net.

EARLY SPRING MAID The color is light pink on a cream ground. It is a most effective flower and carries a great wealth of blossoms borne in fours on long stems.

25 Seeds, 25c; Trade Pkt. (¼ oz.), \$1.00; oz., \$3.50 net.

EARLY SNOW FLAKE This is the best Early Flowering White Seeded Spencer. The blossoms are very large and of the best waved Spencer form.

25 Seeds, 25c; Trade Pkt., (¼ oz.), \$1.25; oz., \$4.50 net.

EARLY HEATHER BELL The color is a rich but pleasing mauve, but after standing in water the color becomes a beautiful mauve lavender.

25 Seeds, 25c; Trade Pkt., (¼ oz.), \$1.25; oz., \$4.50 net.

WINTER FLOWERING—Spencer Type

Trade Packets contain one-quarter ounce

Trade Pkt. Oz. Lb.

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Mrs. A. A. Skaach, Flowers, bright shell pink.....	.20	.65	8.00
Mrs. J. Manda, Light shell pink, extra long stems.....	.20	.65	8.00
Mrs. Woodrow Wilson, Appleblossom pink.....	.30	1.00	
Mrs. Spanolin, Black seeded white.....	.25	.75	9.00
Pink and White, Blanche Ferry type.....	.20	.65	8.00
President Woodrow Wilson, Magenta rose.....	.30	1.00	
Rose Queen, Beautiful rose pink.....	.50	2.00	
Selma Swenson, Clear light soft pink.....	.30	1.00	12.00
Venus, Standard white, slightly blushed pink wings.....	.25	.75	9.00
White Orchid, White flowers of good substance.....	.20	.65	8.00
Yarrowa, The color on opening is rose, changing as the flower develops to a light pink standard, tinted buff, with bluish wings.....	.20	.65	8.00
Winter Flowering Spencers Mixed.....	.20	.65	8.00

WINTER FLOWERING—Unwin Types

Trade Pkt. Oz. Lb.

Blue Jay, Bright blue self color.....	\$0.15	\$0.50	
Lavender Nora, Most pleasing lavender, long stems.....	.20	.75	\$6.00

31-33 W. Randolph St.
CHICAGO

VAUGHAN'S SEED STORE,

Greenhouses, Nurseries and Trial Grounds, Western Springs, Ill.

43 Barclay St.
NEW YORK

GIANT ENGLISH STRAIN

Saint George. Foliage is beautifully margined with bright silver, and the flowers are a rich salmon color. 100 seeds, \$1.50.
Mrs. L. M. Graves. The color is an intense and brilliant salmon scarlet. 100 seeds, \$2.00.
Brilliant Giganteum. Large fiery crimson flowers. Price—100 seeds, \$1.25; 1,000 seeds, \$10.00.
Rosy Morn. Delicate rose color. Claret base.
Grandiflora Alba. The largest giant white.
Mauve Queen. Mauve.
Salmon King. New striking color.
Princess of Wales. Deep pink.
Price—100 Seeds, \$1.00; 1,000 Seeds, \$8.00 net.
Princess May. Pale pink.
Duke of Fife. Dark rose.
Excelsior. White with red base.

GIANT GERMAN STRAIN

Pure White (Mont Blanc). Rosa Von Marienthal. Dark Rose.
Dark Crimson. White with Carmine Eye.
Price, per 100 Seeds, 85c; 1,000 Seeds, \$6.00.
Mixed, Extra Choice. Per 100 seeds, 60c; 250 seeds, \$1.35; 1,000 seeds, \$5.00; 5,000 seeds, \$22.50.

GIANT ORCHID-FLOWERED

White with Carmine Eye. Pink.
Pure White. Red.
Price, 100 Seeds, 85c; 1,000 Seeds, \$7.00.
Giant Orchid-Flowered Cyclamen. Mixed, extra choice. 100 seeds, 80c; 1,000 seeds, \$6.50.

PANSIES.

VAUGHAN'S INTERNATIONAL PANSIES

This is one of the specialties which has established the reputation of Vaughan's Flower Seeds and one which we maintain most carefully. To this and our Giant mixture of Pansies we add each year a number of new varieties selected from the collections of the foremost pansy specialists in Europe. Trade pkt., 50c; ¼ oz., \$1.50; ½ oz., \$5.00; oz., \$10.00.

VAUGHAN'S CUT FLOWER MIXTURE

This mixture is put up by ourselves and contains mostly light colored sorts. We have sold this mixture for several seasons to some of our Chicago cut flower growers, who have realized big returns from the sale of the flowers. Trade pkt., 25c; ¼ oz., 85c; ½ oz., \$1.50; oz., \$5.00.



PANSY—Vaughan's International Mixture.

For other Flower Seeds see our "Fall Book for Florists."

Some annuals for growing under glass for cut flowers are: Antirrhinum, Calendula, Calliopsis, Candytuft, Centaurea, Larkspur, Lupinus, Mignonette, Poppies and Stock. These may be grown for plants from seed: Calceolaria, Cineraria, Gloxinia, Impatiens, Primula and Schizanthus.

\$6.00 10 Per Cent Special Cash Discount on orders over \$2.00 for Flower Seeds, if the cash is enclosed.

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President; F. W. Bolgiano, Washington, D. C., First Vice-President; L. L. Olds, Madison, Wis., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fifth annual convention, June, 1917.

ALASKA Peas not hand picked are worth now \$3.10 for food.

PLAINFIELD, N. J.—The American Bulb Co. has been incorporated with a capital stock of \$50,000.

A LEADING Wisconsin pea grower reports recent crops taken in as in fine shape, plump, clean and sound. Six-fold yields are not uncommon.

CHICAGO.—Prices for grass seed on the Board of Trade, August 9, were as follows: Timothy, \$4.50 to \$6.75 per 100 pounds; Red Clover, \$14 to \$16.75 per 100 pounds.

SPRINGFIELD, MASS.—To satisfy claims aggregating \$512, the O. H. Dickinson Seed Co. is reported to have had an involuntary petition in bankruptcy filed against it, July 19.

ONION SET crops in the northern Chicago district are promising a yield of five to six bushels per pound of seed sown. In other sections a fourfold yield is nearer the average.

THE crop of winter onion sets at Chicago is beginning to come forward. W. C. Bruce, of Vaughan's Seed Store, says the crop is excellent and well cured because of continued dry weather.

A CORRESPONDENT writing from Holland July 15 says: "Until now we have had a cold summer with very little sunshine. June, according to the Meteorological Institute, has not been so cold here since 1849."

AXEL KNUDSEN, of Minneapolis, Minn., representing L. Daehnfeldt, Odense, Denmark, has favored us with copy of his firm's June report on seed crops. Most of this firm's specialties will be short owing to unfavorable weather, but better conditions during July and August may improve the crops.

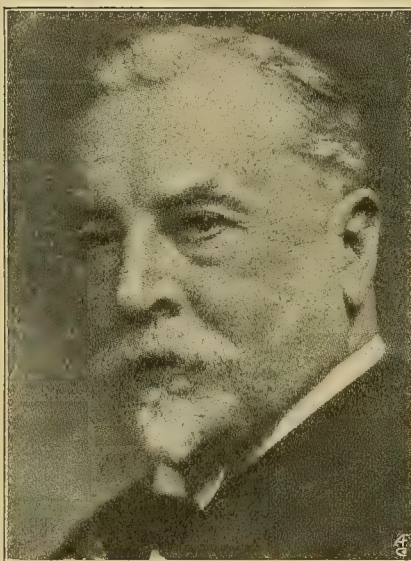
WESTERN reports indicate that the pea crop will be below the average. It looks also as if the bean crop will be decidedly off. It would not be a surprise according to the present outlook if the harvest proved anywhere from 20 to 30 per cent below normal, although it is true that in some acreages in Michigan the plants have withstood the heat and dry weather remarkably well.

MARELEHEAD, MASS.—James J. H. Gregory & Son write as follows regarding seedcrops August 7: "The corn crop is exceedingly backward, just commencing to spindle, in low spots is absolutely ruined. Carrot seed crop from present indication will give about 50 per cent. The heads run very small. Squash is picking up well during the last week and if we do not have early frosts there ought to be an average crop. There must be shortages in garden crops as many acres of low land were too wet to be used. Beans are rusting and spotting badly all through this section."

NAVY BEANS are selling at Chicago from \$6 to \$6.75 per bushel. From crop reports now coming in it is believed they are likely to go as high as \$7 to \$8 per bushel.

The Late Nathaniel N. Sherwood.

British papers just received record the death of Nathaniel N. Sherwood, head of the well-known firm of Hurst & Son, London, Eng., July 20, at his country home, Prested Hall, Kelvedon, Essex. By his demise, says the London Garden, British horticulture loses one of its greatest workers. For many years we have known Mr. Sherwood as a bluff, hale and hearty man of genial and extremely generous disposition and the essence of kindness. His name will long be remembered for his deep interest in and generous support of the gardening charities. In the early six-



The Late Nathaniel N. Sherwood.

ties he entered the firm of which he was destined to become the principal. The firm had been founded 19 years previously by William Hurst and W. G. McMullen, and was therefore at that time in its youthful stage. Six years later he was taken into partnership, a happy social feature of his association with the firm being his marriage with the youngest daughter of William Hurst. In 1890 he became sole principal of the firm. In consequence of a serious illness in 1902, he relinquished the entire management of the business, which has since been ably carried on by his two sons. A very pleasing feature of his business career was the celebration in 1912, at his charming country home, of his 50 years' connection with his firm. When in 1897 the Royal Horticultural Society decided to institute a Victoria medal of honor in horticulture Mr. Sherwood was deservedly one of the

original recipients. Mr. Sherwood was fond of art treasures and had at his home in Streatham a collection of paintings of great beauty and value.

J. C. Vaughan, of Chicago, who made Mr. Sherwood's acquaintance on a visit to London in 1889, and who, in company with Mrs. Vaughan visited him again in 1913 at his Kelvedon estate on the memorable occasion of the annual outing there of the Hurst employees together with many of his neighbors of the surrounding countryside, speaks enthusiastically of the wonderful entertainment there given. A regimental band of 45 pieces furnished the music and there were seven tents for the men and women employees who contested in the games, a special tent for the wonderful prizes, articles in silver and gold, which were graciously bestowed by Mr. Sherwood's daughter and an elaborate collation in another mammoth tent. Hurst & Son and Mr. Sherwood certainly have done things on a grand scale.

California Seed Crops.

Gilroy, August 3.—Seeds that have been cleaned to date are not turning out well, and early estimates of delivery will need modification. Sweet peas have been injured quite seriously by aphids. Lettuce has not filled well on account of the dry spring. Onion just now being cut shows very marked damage from "burn." The crop promised well a month ago, but now it will be doubtful if enough is sacked to fill orders.

At this time it looks as if there would be some little shortage along most lines, and the buyer who has contracted will get fairly good deliveries with practically no surplus for the dealer who buys on the market.

W.

Mills Seed Co. For Sale.

The property of the Mills Seed Co., Washington, Ia., consisting of a three story brick building, with two lots in connection, together with stock on hand, mailing list, supplies, full equipment for carrying on a mail order seed business and personal property of the company, is offered for sale. Charles C. Cunningham, of that city, trustee in bankruptcy for the company, is authorized to dispose of the property at private sale before August 31, 1916. If not then sold, same will be offered at public auction at 10 o'clock a. m. on that date. The trustee will gladly furnish any special information desired upon request.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED
Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.
Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

The Regal Lily

Lilium Regale (Myrophyllum)



THE HORTICULTURAL CLUB OF BOSTON INSPECTING FARQUHAR'S FIELD OF THE REGAL LILY.

Acknowledged to be the finest horticultural introduction in several generations.

Gold Medal, Massachusetts Horticultural Society.

Gold Medal, National Flower Show, New York.

Gold Medal, Royal International Exhibition, London, 1913.

Price, \$10.00 per doz.; \$75.00 per 100.

Trade Price, - - \$60.00 per 100.

Sold by the leading up-to-date dealers in New York, Philadelphia, Chicago
and other cities. Also by

R. & J. FARQUHAR & CO.

6 South Market St., Boston, Mass.

LILY BULBS

FALL SHIPMENT FROM JAPAN

Prices quoted F. O. B. New York, Chicago, Denver, San Francisco, and London (Ont.)

Write for quotations stating quantity, variety and size required.

McHUTCHISON & CO.

The Import House

95 Chambers St., NEW YORK

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomdale Farm.

Bristol, Pa.

Nebraska Seed Crops.

Fremont, August 5.—Sweet and field corn crops are looking fairly well, but have been hurt more or less by the hot dry weather in some localities, which will reduce the crop prospects to a certain extent, but it is too early to tell the exact range of the damage.

The same will apply to the water-melon section, where it has been too dry, and we look for 25 to 50 per cent on most of the crops, and some of them possibly not that much, as some crops that were planted have not even come up on account of no rain.

Cucumber, muskmelon, pumpkin and squash are somewhat better, and we look for fair prospects of most of these varieties, providing the balance of the season is favorable and that crops are not damaged by hail or other unfavorable circumstances.

W.

Valley, August 2.—We have been having some very dry weather for a month or more until night before last when we had a very good rain, about an inch or so, which brightened things up considerably. We understand that the western part of the state has also had good rains. Some of the fields of squash and pumpkin were in desperate condition on account of no rainfall but this last shower will do much towards insuring at least a fair crop, providing conditions are favorable from now on. Cucumbers and muskmelons will make a good crop providing conditions are favorable for the balance of the season. Corn is looking fine and we are hoping for a bumper crop, although we will need more rain to insure a large yield. In general, things are looking well but the ultimate outcome depends upon the weather conditions during August.

C.

Bean Prices.

Speak no more of the "lowly bean," for it has risen to a high estate while Mars is disporting himself in Europe and in Mexico. Beans in Indianapolis are selling at \$6.50 a bushel, or more than 10 cents a pound. Before the outbreak of the war five cents a pound was considered a high price, and in 1890 the price of beans was a little more than one cent a pound.

Michell's Seasonable Florists' Supplies.

KEYSTONE PLANT TUBS.

MADE OF WHITE CEDAR.



Size No.	Inside Top Diam.	Inside Depth	Each.	Doz.	100
1	6	6	\$0.30	\$ 3.25	\$ 25.00
2	7	7	.32	3.50	26.00
3	8	8	.35	3.75	27.50
4	9	9	.40	4.00	30.00
5	10	9	.45	4.75	35.00
6	11	10	.55	5.75	42.50
7	12	11	.65	6.25	50.00
8	13	12	.75	8.00	62.50
9	14	13	.85	9.25	72.50
10	15	14	.90	10.00	77.50
11	16	15	1.00	11.00	87.50
12	17	16	1.20	13.00	105.00
13	18	17	1.40	15.00	117.50
14	19	18	1.80	19.00	150.00

If stamped steel side handles are wanted, add 8c per pair to the price of each tub in single or dozen lots; 7c per pair in 100 lots.

HEADQUARTERS FOR CANE STAKES.

Southern, 8 to 9 feet, selected quality, \$0.75 \$3.25 \$6.00 \$27.50
Japanese, Very thin, about 6 feet long .80 3.25 6.25 30.00

JAPANESE GREEN CANE STAKES.

	100	500	1,000		100	500	1,000
1½ feet...	\$0.35	\$1.25	\$2.25	3 feet...	\$0.75	\$3.00	\$5.50
2 feet...	.45	1.75	3.25	4 feet...	.85	3.75	7.00
2½ feet...	.55	2.25	4.00				

Also Galvanized Wire Stakes and Wire Stake Clips; all kinds of Glazing Material, Rubber Hose, and other Seasonable Supplies for the Florist.

LILIAM HARRISII BULBS.

Size	per Case	Doz.	100	1,000
6 to 7 in.	335	\$0.85	\$5.75	\$52.50
7 to 9 in.	200	1.30	8.75	82.50

FREESIA BULBS.

Fischer's Strain Purity. First size bulbs, \$1.25 per 100; per 1,000, \$10.00.

Send for our Wholesale Catalogue and Price List if you haven't a copy.

Henry F. Michell Co., 518 Market St., Philadelphia, Pa.

Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport,

England.

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SIMON LOUIS FRERES & CO.,

Bruyeres-le-Chatel (Seine et Oise), France.

ESTABLISHED 1666.

Wholesale Growers and Exporters of Choice Stocks of

Vegetable, Flower and Forage Seeds

Specialties—Giant Half-Sugar Mangel-Wurzel, Beet, Carrot, Celery, Dandelion, Endive, Leek, Lettuce, Radish, Swiss-Chard, Swede and Turnip,

IMPORTERS OF—Red-top, Meadow Fescue, Blue Grass, Sunflower, Timothy and Garden Peas.

ENGLISH CORRESPONDENCE.

Our traveling salesman, MR. LAWRENCE S. PAYN, who has been calling on the American trade for many years past, is now in the United States and all mail should be addressed to him care F. B. Vandegrift & Co., 15 Whitehall Street, New York.

Mention the American Florist when writing

BEANS, PEAS, RADISH

AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write for prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St.,

Telephone Main 2762.

CHICAGO

Mention the American Florist when writing

Good Cyclamen Talk

But no talk can make good Cyclamen. The best grower ever, cannot make bad, good; neither does a seedsman build up a reputation with inferior stocks. We have over 40 years international reputation, and we want you to feel its glamour. Tick off your requirements and write us. **DO IT NOW**, as this advertisement will not appear again. We have a heavy crop of seed, and can dispatch without delay.

Cyclamen Novelties

Queen Mary—A grand novelty, rich salmon with claret base. Very strong grower, with tall stiff stems.

New Crop seed, per oz., - - - **\$18.00** Per Pkt. 1000 seeds, - - - **\$8.00**

St. George, A. M. R. H. S.—The finest break within memory. Rich salmon flowers, freely produced above the foliage which is beautifully marbled and margined with silver. Rivals the Rex Begonia.

New Crop seed, per oz., - - - **\$18.00** Per Pkt. 1000 seeds, - - - **\$8.00**

Mrs. L. M. Graves—The nearest to a pure scarlet. The colors literally glow. Unanimous award of merit when exhibited before the R. H. S., 1914.

New Crop seed, per oz., . . . **\$30.00** Per Pkt., 1000 seeds, **\$11.50**; 500 seeds, **\$6.00**

St. George's Giant Flowered Cyclamen

	Per 1000 seeds.	Per oz.
BRILLIANT. Extra dark crimson	\$5.00	\$11.00
BRILLIANT—GIGANTEUM, (New.) Fiery crimson flowers of much greater size than any other of its color. Very scarce	8.50	14.50
BARONESS BURDETT-COUTTS. Pure white. Short broad petals. Very free flowering variety	5.00	11.00
CRIMSON KING. Bright crimson	\$5.00	\$11.00
DAME BLANCH—GIGANTEUM. Pure white. Large broad petals... ..	5.50	13.00
DUKE OF CONNAUGHT. Purplish crimson.....	6.50	11.00
DUKE OF FIFE. Dark rose	6.50	11.00
EXCELSIOR. White, with purple base.....	6.50	11.00
FIMBRIATA. A new strain with beautifully crested foliage and flowers; mixed colors..	5.00	11.00
GRANDIFLORA ALBA—GIGANTEUM. The largest white grown; enormous flowers; splendid grower	7.50	12.50
MONT BLANC—GIGANTEUM. Pure white; large flower; a mountain of snow	5.50	12.50
MAUVE QUEEN. Delicate mauve shade	5.00	11.00
PRINCE OF WALES. Bright red, large flowers	6.50	11.00
PRINCESS OF WALES. Deep pink; very free..	6.50	11.00

	Per 1000 seeds.	Per oz.
PAPILIO. Popularly termed Butterfly Cyclamen; mixed colors. 5.50 12.50	5.50	12.50
PICTURATUM. Light rose tinted, claret base 6.50 11.00	6.50	11.00
PRINCESS MAY. Pale pink	6.50	11.00
ROSY MORN. Delicate rose tinted, claret base	11.00	
SALMON QUEEN. Soft salmon pink	5.00	11.00
SUNRAY. Deep pink, with claret base.....	6.50	11.00
SALMON KING. "Our Own." A fine strain, of which we are somewhat proud. The result of many years' selecting and intercrossing, and vastly superior to any other salmon in the market. To distinguish it from the Salmon King in general cultivation we offer it as "Our Own." We commend it to the notice of the trade....	6.50	12.50
MIXED GIGANTEUM VARIETIES	6.00	10.50
MRS. BUCKSTON. The Salmon Cyclamen with frilled petals. 250 Seeds. \$3.50.		

Note.—The apparent discrepancies between prices of 1000 seeds and ounces are dues to the fact that some varieties yield very large seed.

PRIMULA SINENSIS.

St. George's Giant Flowered.

We offer these with every confidence. All are the result of many years' careful selection, and are equally as high grade as our renowned Giant Cyclamen.

	Per 1/16 oz.	Per oz.
GIANT PINK. The favorite color	\$4.00	\$50.00
GIANT WHITE. The acme of perfection; huge trusses of snow white flowers; average size of pip, 2 inches.....	4.00	50.00
GIANT SALMON. Flowers of enormous size; splendid habit	4.00	50.00
GIANT CRIMSON. Brilliant blood red; very large flowers.....	4.00	50.00
GIANT BLUE. Clear bright blue flowers of the largest size; very scarce	4.00	50.00
GIANT DARK BLUE (THE Czar). The richest color yet seen in Primula Sinensis; very scarce. Per 1000 seeds. \$3.50.		

PRIMULA SINENSIS.

(Selected) Standard Strain.

BRIGHT RED. A very telling color	\$2.50	\$32.00
CRIMSON KING. Good in every way	2.50	32.00
SALMON PINK. A truly lovely shade, and a splendid market color. 2.50 32.00	2.50	32.00
WHITE. Splendid for all purposes, very free	2.50	32.00
SCHIZANTHUS GRANDIFLORA HYBRIDA.		

Veitch's Strain.

It is unnecessary for us to enlarge upon the beauties of the famous new dwarf large flowering strain.

We guarantee the seed we offer to be grown from the original stock, and it contains a great range of bright, showy, and effective colors. Per. oz., \$10.50.

Terms:—Cash with Order. Not less than half ounce at ounce rates.

THE ST. GEORGE'S NURSERY COMPANY,
HARLINGTON, MIDDLESEX, ENGLAND.

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.

Woolworth Bldg., New York City

Mention the American Florist when writing

The L. D. Waller Seed Co.

Gaudalupe, California

Wholesale Growers of

**FLOWER SEEDS, SWEET
PEAS AND NASTURTIUMS**

Correspondence Solicited.

Mention the American Florist when writing

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Connecticut Seed Crops.

Milford, August 2.—We have had one of the heaviest rainfalls ever experienced during July, which has materially damaged the seed crops, for as is generally conceded, a good dry season makes for the best growing of these crops.

Beet seed looks very well at this writing, although it has been seriously injured by the heavy rains, but if the nice weather that has now started in continues, we will make a pretty fair crop.

Corn is exceedingly backward but looking very thrifty and promises to make a fair crop.

Onion is looking well at this writing.
C.

Orange.—Today, August 1, finds us in the midst of our harvest of kale seed and the month of August opens up with a beautiful bright, sunny morning which is a real novelty, having had about four weeks of dull rainy weather in July. We start threshing kale seed today and have, we believe, a very fine crop of it.

The crop of beet is by far the absorbing interest now and up to date looks very good indeed. With a couple of weeks now of good bright weather, which is certainly due us, we ought to harvest one of the best crops of beet seed ever in Connecticut and what we say of our own crops applies equally, we believe, with other growers in Connecticut and this state's crop of beet seed ought to cut a good deal of a figure in the trade, and is grown from a quality of bulbs, I believe, better than anything that has been produced in America for years.

Sweet corn is looking splendid and I do not think over 10 days later than usual although some think it is considerably more behind than a 10-day period. I have never seen corn look finer color and more vigorous than now. It only needs warmth and sunshine, but of course, August is the month that makes corn.

The crop of onions is looking extra fine up to this time, although we have been very dubious regarding it dur-

BULBS, Georgia Grown

Paper White Grandiflora, 1st size.....	100	1800
Paper White Grandiflora, 2nd size.....	\$1.10	\$ 9.00
Freesias, white, 3/8 in. and up.....	.85	7.00
Freesias, white, 1/2 in. and up.....	.65	5.00
Freesias, white, 5/8 in. and up.....	.85	7.50
Freesias, Tait's Butterfly, colored, 3/8 in. and up.....	1.40	12.00
Freesias, Tait's Butterfly, colored, 1/2 in. and up.....	5.00	.....

My bulbs are grown on soil that suits them. Try them and encourage American enterprise. Strangers will please send cash.

C. S. TAIT,**Brunswick, Ga.****TOMATO SEED**

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,
Correspondence Solicited. **SWEDESBO, N. J.**

The Everett B. Clark Seed Co.

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Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan,
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THE C. HERBERT COY SEED CO.

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CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

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Philadelphia

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and Market Gardeners.

MANN'S**Lily of the Valley**

are the finest in existence and their flowers
bring the best prices on the London mar-
ket. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany**BARNARD'S
Seed Store**

231-235 W. Madison St.

CHICAGO.**Henry Fish Seed Co.**

**Bean Growers for the
Wholesale Seed Trade**

CARPINTERIA,**CALIF****BRUNNINGS**

Large Growers and Shippers of

BEANS, PEAS

and

ONION SEED

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA**TOMATO SEED**

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.**SANTA ANA, CALIFORNIA.****Contract Seed Growers**

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,**PEDRICKTOWN, N. J.**

**Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write**

JOHN BODGER & SONS CO.,

Contract Seed Growers

LOS ANGELES, CALIFORNIA.**James Vick's Sons**

Seedsmen, Nurserymen, Florists

SEEDS All the leading
PLANTS kinds for summer
BULBS and fall planting.

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By **ELMER D. SMITH**

Who has made a specialty of Chrysanthemum
Culture for the last 25 years. The best work on
Chrysanthemum Culture. Both amateur and
florists have been provided with articles for their
special needs.

106 Pages. Only 50c., postpaid.

ELMER D. SMITH & CO., ADRIAN, MICH.



Boddington's Re-selected Winter-flowering
Spencers as grown by Wm. Sim,
Cliftondale, Mass.

Winter Spencer Sweet Peas

NEW CROP SEED READY FOR DELIVERY NOW.

		1 oz.	4 oz.	lb.
APRICOT AND ORANGE.				
APRICOT ORCHID.	Mostly apricot self.....	\$1.50	\$4.50	\$15.00
ORANGE ORCHID.	Standard orange, wings dark salmon-pink.....	1.50	4.50	15.00
LAVENDER AND BLUE.				
ANITA WEHRMANN.	Lavender..... $\frac{1}{4}$ oz., 25c.	.75	....	....
E. BURKE.	Light blue. Trade pkt. (25 seeds), 50 cents, $\frac{1}{4}$ oz., \$2.50	6.00	....	....
MRS. JOHN M. BARKER.	Lilac.....	1.50	4.50	15.00
PINK AND LIGHT PINK				
BOHEMIAN GIRL.	Light pink.....	\$1.50	\$ 4.50	\$15.00
FORDHOOK PINK.	Rose-pink on white ground.....	1.25	3.50	12.00
MORNING STAR.	Self pink color.....	3.00	10.00	35.00
MRS. JOS. MANDA.	Light shell-pink.....	.65	2.00	7.50
MISS FLORENCE ROLAND.	Pink with salmon.....	1.50	4.50	15.00
MRS. A. A. SKACH.	Bright pink.....	.65	2.00	7.50
ROSE QUEEN.	A pink of sterling merit.....	1.50	5.00	18.00
SELMA SWENSON.	Soft pink..... $\frac{1}{4}$ oz. 30c.	1.00	....	....
YARRAWA.	Bright rose pink. Australian grown seed.....	2.00	9.00	24.00
California Grown Seed	.....	.65	2.25	8.00
PINK AND WHITE.				
CHRISTMAS PINK ORCHID.	Pink, white wings.....	\$3.00	\$10.00	\$35.00
PINK-AND-WHITE ORCHID.	.....	.65	2.00	7.50
SENSATION.	Newman & Legg's variety of the Christmas Pink Orchid	3.00	10.00	35.00
THE CZAR.	Rose, wings white, mottled pink.....	3.00	10.00	35.00
RED AND ROSE.				
BELGIAN HERO.	A beautiful rose.....	\$3.00	\$10.00	\$35.00
FORDHOOK ROSE.	Rosy carmine.....	1.50	4.00	15.00
ORCHID BEAUTY.	Rose-pink, with orange.....	.75	2.50	9.00
RED ORCHID.	Bright cherry-red.....	.75	2.50	10.00
SENSATION SCARLET.	Bright scarlet.....	3.00	10.00	35.00
WHITE AND BLUSH.				
BRIDAL VEIL.	Pure white.....	\$1.00	\$3.50	\$12.00
MRS. M. SPANOLIN.	Double; white.....	1.00	3.50	12.00
VENUS.	Blush pink.....	1.50	4.50	15.00
WHITE ORCHID.	Pure white.....	.65	2.00	7.50

Mixed Spencers Winter-Flowering

oz., 65c; $\frac{1}{4}$ lb., \$2.00; lb., \$7.50

Our Wholesale Catalogue of Bulbs and Seasonable Flower Seeds is now Ready
Free to Florists on Request.

5 PER CENT DISCOUNT FOR CASH WITH ORDER.

Arthur T. Boddington Co., Inc., 128 Chambers St., New York City

Lilium Harrisii Bulbs

	Per 100	1000
5 in. to 7 in.....	\$ 5.00	\$40.00
7 in. to 9 in.....	9.00	80.00
9 in. to 11 in.....	22.00	

For Immediate Delivery.

J. M. Thorburn & Co.

53 Barclay St., through to
54 Park Pl.

New York City

Send Us Your Order Now.

Imported Bulbs

Narcissi, Hyacinths and Tulips
Freesias and Japan Lilies

We Offer
The Best Stock Grown.

Write for
Trade Price List.

ST. LOUIS SEED CO.,

The Home of "Pure and Sure Seeds"

411-413 Washington Ave.,

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ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc.

Moorestown, New Jersey

PANSY SEED

My Giant Pansy seed new crop now ready,
contains the finest mixtures in superb colors all
grown from selected stock. Try a pkt. of this
seed you will not be disappointed. 1 pkt., 5000
seeds. \$1.00; $\frac{1}{2}$ pkt., 50c; \$4.00 per oz.; 3 ozs.,
\$10.00. Cash with order.

E. B. Jennings, SOUTHPORT, CONN.
Lock Box 254.
Grower only of the finest Pansies.

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT,

NEBRASKA

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Asters,
Cosmos, Nigellone, Verbena in variety.
Correspondence Solicited.

97th Year

J. BOLGIANO & SON,

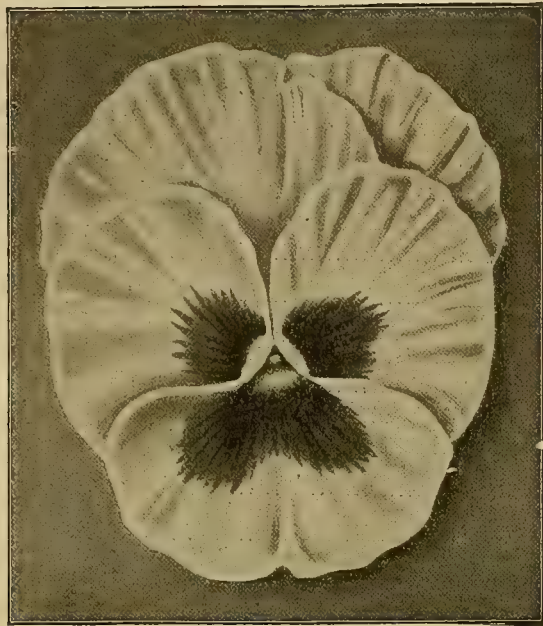
Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of
Pedigree Tomato Seeds

Baltimore, Md.

New Early Flowering Giant Pansies

Or Winter Blooming



An entirely new and distinct strain of Pansies. The main advantage of these new Pansies over all hitherto existing Pansies is the extreme earliness of flowering and its unusual hardiness, which enables them to withstand quite severe Winters, and to bloom right on into the Summer. Sown at the same time as other Pansies, they begin flowering the early part of March or as soon as the snow is off the ground, many times having four or five large flowers to a plant, when all other Pansies are only showing buds. The flowers are large, well formed and fragrant. They are highly recommended for Autumn planting on graves, and for very early bedding, as well as for early cut flowers.

- 14. **WINTER SUN.** Golden yellow with dark eye.
- 15. **ICE KING.** Silvery white, with dark blue eye.
- 16. **CELESTIAL QUEEN.** Light or sky blue.
- 17. **CHARM OF MARCH.** Dark velvety blue.
- 18. **MIXED.** The above four colors with other shades and variations.

Each color separate or mixed, 500 seeds 50c, 1000 seeds \$1.00, 1/2 oz. \$2.00, 1/4 oz. \$3.75, 1 oz. \$15.00. For list and price of other Kenilworth Pansy Seed, see my ad. of July the 29th.

FREE OFFER RAINBOW is a mixture of the most beautiful, gorgeous colors, blotched, striped, veined, margined, etc. With every \$1.00 worth of Pansy seed, I will send, free, 1000 seeds of Rainbow and with other amounts in like proportion.

Chas. Frost
Kenilworth,
N. J.

ing the very bad spell of weather we have had through July. We have had no stalk blight, as yet and if we are not troubled with the head blight, which seldom comes before August 1, we shall harvest a very satisfactory crop of onion.

Turnip seed is all harvested and a very light, rather unsatisfactory crop.

There is about the usual acreage of carrot, parsnip, tomato and cucumber.

W.

New York Seed Trade.

Another seed store will open on Barclay street about September 1, under the firm name of Peth & Duggan. The street number is 87. Both members of the firm are well and favorably known in the trade, and a complete line of seeds and bulbs will be handled. Edward A. Peth was for a number of years connected with the old firm known as Bridgeman's Seed Warehouse, and has for some years past been with William Elliott & Sons. Frank M. Duggan was also with Bridgeman's Seed Warehouse, and has since filled other responsible positions. Both men have a thorough knowledge of the business and should be successful.

A. F. F.

Vaughan's Seed Store, Chicago.

J. C. Vaughan, Mrs. Vaughan and party have returned from South Haven, Mich., where they spent the hot weather. Carl Cropp and wife expect to go west for their vacation, starting next week. Leonard H. Vaughan left to join his family at Boston, Mass., August 4. Miss Peek, of the New York house, is spending her vacation here.

The contract fields of onion sets grown for this firm according to the first midsummer report promise a fair yield of fancy quality.

R. & M. GODINEAU SEED GROWERS

Angers. - France

Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

Mention the American Florist when writing

My New PRICE LIST of

Winter Orchid-Flowering Sweet Pea Seed

Has been mailed. If you have not received a copy, send Postal for it.

Part of new crop will be ready early in July.

Ant. C. Zvolanek, Lompoc, Calif.

Mention the American Florist when writing

Grass Mixtures

— FOR —

Golf-Tennis-Polo

MEET ALL REQUIREMENTS FOR ALL SOILS
The Albert Dickinson Co.,

CHICAGO, ILL.

Mention the American Florist when writing

REX BEGONIAS

Choice collection of mixed sorts. Extra strong plants, ready to retail. 3-in. pots, \$1.00 per doz., \$8.00 per 100. Vinca variegata, 2-in., \$2.00 per 100. S. A. Nutt, 2-in., \$1.65 per 100; \$16.00 per 1000. Satisfaction guaranteed.

ELMER RAWLINGS,

Wholesale Grower

ALLEGANY, NEW YORK.

Mention the American Florist when writing

Landscape Gardening



A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

Send for catalogue. Address

The Home Correspondence School
Dept. C. F., Springfield, Mass.

Mention the American Florist when writing

If You are interested in Mid-Winter

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

Mention the American Florist when writing

ROSES

On own roots,
2 1/4 and 4-in.
pots.

1-year field-grown to pot, 5 to 6-in.

THE LEEDLE FLORAL COMPANY
SPRINGFIELD-OHIO

Mention the American Florist when writing

FRENCH PAPER WHITE GRANDIFLORA

(First Arrivals)



Fancy (1250 bulbs to case).....

Star Brand (1000 bulbs to case)....

Precocious, Vaughan's Extra

Early Grandiflora---

Select Bulbs.....

Mammoth Bulbs.....

WRITE

FOR

PRICES.

Lilium Formosum

Per 1000

7 to 9-inch (250 to case).....\$58.00

9 to 10-inch (180 to case)..... 80.00

FREESIAs.

Purity (True).

	Per 100	Per 1000
5/8-in. and up.....	\$1.75	\$15.00
1/2-in. to 5/8-in.....	1.25	10.00
3/8-in. to 1/2-in.....	1.00	7.00

Vaughan's Improved Purity.

	Per 100	Per 1000
5/8-in. and up.....	\$2.00	\$18.00
1/2-in. to 5/8-in.....	1.75	15.00
3/8-in. to 1/2-in.....	1.50	12.00

French Grown.

	Per 1000
Jumbo, 3/4-in. and up.....	\$10.00
Mammoth, 1/2-in. to 3/4-in.....	8.00

Lilium Harrisii

Best Bermuda Stock

Per 1000

6 to 7-inch (335 to case).....\$55.00

7 to 9-inch (200 to case)..... 85.00

Cold Storage Lilies

Per 1000

Lilium Multiflorum, 9 to 10-inch, \$75.00

Valley Pips, Holland Grown..... 17.00

" " German " 25.00

" " Danish " 20.00

CHICAGO

VAUGHAN'S SEED STORE

NEW YORK

ALL Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the

"Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the horticultural trade; it is also taken by over 1000 of the best continental houses. Annual subscription, to cover postage, 75 cents. As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalog or other evidence that they belong to the nursery or seed trade. Money orders payable at Lowdham, Notts.

Address EDITORS OF "H. A."
Chilwell Nurseries, LOWDHAM,
Notts. England

Mention the American Florist when writing

A. N. Pierson, Inc.

Wholesale Florists

CROMWELL, - CONN

Mention the American Florist when writing

Carnation Plants

Heavy Field Grown Stock

Philadelphia St. Nicholas
White Wonder Champion
White Enchantress Ward
Delhi

\$50.00 per 1000; \$6.00 per 100.

Enchantress, \$45.00 per 1000.

250 at 1000 rate. Cash with order please.

JOY FLORAL CO.

NASHVILLE, TENN.

Mention the American Florist when writing

Field Grown Carnation Plants

Ready for shipment at any time.

	Per 100	Per 1000
Good Cheer.....	\$8.00	\$70.00
Alice, Mrs. C. W. Ward.....	6.00	55.00
Enchantress Supreme.....	5.50	50.00
Enchantress.....	5.00	45.00
Rose Pink Enchantress.....	5.00	45.00
Beacon.....	6.00	55.00
Harlowarden, The Herald.....	5.00	45.00
White Wonder, White Enchantress.....	5.50	50.00
Yellow Prince, Yellow Stone.....	7.00	60.00

ELI CROSS

150 Monroe Avenue, GRAND RAPIDS, MICH.

Mention the American Florist when writing

FERNS IN FLATS

In Best Varieties
for Fern Dishes.

\$1.50 per 100

100,000 READY NOW

Write for Wholesale Catalogue of
FERNS, KENTIAS, ETC., to

H. PLATH

"THE FERNERIES"

Lawrence and Winnipeg Avenues.

SAN FRANCISCO, CALIF.

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL New York

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Howard W. Selby, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

Next annual convention will be held in Chicago, September, 1916.

THE pickle crop is 10 days late. With fair rains from now on the yield should be up to the average.

ROCKY FORD, COLO.—The weather has been very favorable to the cantaloupe fields. A fine crop will soon come forward.

Prices of Indoor Fruits and Vegetables.

Chicago, Aug. 8.—Mushrooms, home grown, 15 to 25 cents per pound; lettuce, tomato boxes, 15 to 20 cents; radishes, \$3.50 per 100 bunches; celery, 30 to 40 cents per box; tomatoes, four baskets 25 to 50 cents; cucumbers, per hamper, 75 cents to \$1.25.

New York, Aug. 8.—Celery, per crate, \$5.00 to \$6.50; cucumbers, \$2.50 per basket; mushrooms, \$1.50 to \$3.50 per 4-pound basket; tomatoes, per carrier, 60 cents to \$3.50; radishes, per 100 bunches, \$3.00; lettuce, per basket, \$1.00 to \$2.50.

Melons Under Glass.

One of the choicest products of the garden is the muskmelon or cantaloupe. They are especially fine forced under glass when fresh from these vines, that have had personal attention from the time the seed is sown until the ripened fruit is ready for the table. Their great popularity has encouraged growers of Florida and southern California, where they mature early in the year, to raise them in quantity for the market, and as they ship very well, particularly the netted Rocky Ford, they have been found a very profitable crop.

The greenhouse melon, with the exquisite flavor, so much desired, is the white skinned variety that is forced under glass to such a large extent in England. It is called Sutton's Royal Jubilee. When ripe and fresh from the vines, it is one of the most delicious of all fruits. The members and visitors to the recent American Sweet Pea Society's exhibition and meeting in Bar Harbor, Me., who inspected the Malvern Greenhouses of John H. Stalford, saw several house of this melon in a high state of cultivation—vines loaded with fruit, each melon being supported by a net to a frame work next the glass, which relieved the vine of its weight. Such houses are a beautiful and very tempting sight. The matured fruit sell according to size, at \$1, \$2 and \$3 each, with a good demand at these, which are the retail prices, Mr. Stalford having sale for all he grows as soon as they are ready for delivery. They do not keep a great while after being cut, being very averse to cold storage. These are grown as a summer crop being planted after the winter carnations have been thrown out, the first week or two of May. For soil, he uses a good sod, well broken up. Seed is sown singly in 2½-inch pots, then put into fours, and from these quite well advanced planted out;

he has several sowings so as to have a continuation of the crop. They are planted on the outer edge of the benches, at the walls of the greenhouse, on either side, and trained up to wires next the glass as grapes are grown. As all the flowers must be fertilized, only as many fruit as desired (about three to a plant) are allowed to mature. They require careful handling, particularly as to temperature, which must be kept up to 70° and 75° at night. They require to be well fed to get the best results, but no animal manure of any kind must be used, as it has a tendency to spoil the flavor. Clay's fertilizer, Mr. Stalford finds to be the most satis-

factory. When in full growth the skin of the fruit is smooth, but as it ripens it becomes netted, which adds much to the appearance. There is also a variety, green in color, which appears to be in all other respects the same as the white one. This sort was seen in fine quality with Edward Kirk at the Vanderbilt place, he also having several fine house of these melons. Mr. Stalford also had two houses of hothouse grapes, Bowwood Muskats and Black Hamburgs. These looked very luscious. All the largest bunches had been selected and were tagged with the customers name, being sent home when desired.



MELONS UNDER GLASS.

"Sutton's Jubilee," Grown by John H. Stalford, Bar Harbor, Me.

"Market Gardening"

An elementary text book containing 102 pages' 5x7, with 36 illustrations by F. L. Yeaw, manager of the Oasis Farm & Orchard Co., Roswell, N. M.

Cloth Bound, 75 cents.

AMERICAN FLORIST CO.,
440 South Dearborn Street, CHICAGO

Vegetable Plants

Celery, White Plume, Giant Pascal, and Golden Heart, \$1.00 per 1000; 10,000 and over, 85c per 1000.

Parsley, Dwarf Fern leaf, 25c per 100; \$1.25 per 1000.

Cash with the order.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

Winter Onion Sets



TO THE TRADE

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabiosa, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

The Geo. Wittbold Company

737 Buckingham Place
CHICAGO, = = = ILLINOIS

Special Wholesale Price List--Summer and Fall, 1916

GERANIUMS IN FLOWERS.

3½-inch, S. A. Nutt, Jean Viaud, Alph. Ricard, at \$6.00 per 100.

CALADIUM ESCULENTUM.

Pot grown, 3½-inch, at \$6.00 per 100.

SANSEVIERIA ZEYLANICA.

3-inch, thrifty plants, at \$1.00 per doz.
4-inch, thrifty plants, at \$2.00 per doz.

PRIMULA OBCONICA.

Assorted rich colors, 3-inch, at \$5.00 per 100.

ASPIDISTRA ELIATOR.

Tall, fine plants, green-leaved, at 10 cts. per leaf; variegated at 15 cts. per leaf. The plants are in 5 and 6-inch pots and have from 8 to 12 leaves each.

ASPARAGUS PLUMOSUS.

3-inch at \$6.00 per 100.

ASPARAGUS SPRENGERI.

2-inch at \$2.50 per 100; \$22.50 per 1,000.

ARAUCARIA EXCELSA.

5-inch at \$9.00 per doz.
6-inch at \$12.00 per doz.

ANTHERICUM VARIEGATUM.

4-inch at \$2.00 per doz.; \$15.00 per 100.
Anthericum Mandalanum, 3-inch at \$1.50 per doz.

ROOTED CUTTINGS OF GERANIUMS.

Orders taken now for Fall and Winter Delivery (September-March inclusive) for the following leading varieties:

	100	1000
S. A. Nutt.....	\$1.25	\$12.00
Alph. Ricard	1.25	12.00
Jean Viaud	1.25	12.00
Mme. Buchner	1.25	12.00
Beauty of Poitevine	1.50	14.00

—500 at the 1,000 rate—

Jerusalem Cherries, 3-inch at \$6.00 per 100.
Umbrella Plants, 5-inch at \$1.50 per dozen.

HYDRANGEA.

4-inch assorted at \$1.00 per doz; \$9.00 per 100; \$80.00 per 1,000.
5-inch assorted at \$3.00 per doz.; \$22.50 per 100; \$200.00 per 1,000.

500 at the 1,000 rate.

6-inch at \$4.20 per doz.; \$32.50 per 100.
7-inch at \$6.00 per doz.; \$45.00 per 100.

8-inch at \$9.00 per doz.

9-inch Specimens at \$12.00 per doz.



HYDRANGEA HORTENSIS.



ASPIDIUM TSUSSIMENSE.

Aspidium, 3 in., 75c per doz; \$6.00 pr 100.

BOXWOODS.

Bushes, heavy, 24-inch, at \$1.50 each.
Pyramids, 36-inch, at \$3.00 each.
Standards, 12 to 18-inch stems, 15-inch crowns, at \$2.00.
Standard Globes, with short stems, 16-18-inch heads, at \$4.00 each.

ENGLISH IVY.

3-inch at \$6.00 per 100.
4-inch at \$10.00 per 100; \$95.00 per 1,000.

PTERIS TREMULA.

4-inch at \$1.50 per dozen, \$10.00 per 100.
Pteris Cretica albo-lineata, 3-in., \$65.00 per 100.
Pteris Wimsetti, 3-in., \$6.00 per 100.
Aspidium Cyrtomium and Pteris assorted, 3-inch at \$6.00 per 100; 4-inch at \$9.00 per 100.

CYPERUS ALTERNIFOLIUS.

5-inch at \$1.50 per doz.; \$12.00 per 100.

DRACAENA INDIVISA.

2-inch at \$3.00 per 100.
3-inch at \$0.75 per doz.; \$ 6.00 per 100.
4-inch at \$1.25 per doz.; \$10.00 per 100.

CYCLAMEN.

Wonder of Wandsbek, Sunset.
Glory of Wandsbek, Excelsior.
Rose of Wandsbek, Prince of Wales.
Dark Red, White with Pink Eye.
Brilliant Red, Princess May.
Bright Red, Salmon King.
3-inch assorted colors: \$8.00 per 100; \$75.00 per 1,000.
3-inch separate colors \$9.00 per 100; \$80.00 per 1,000.
4-inch, ready in August, mixed colors, \$15.00 per 100; \$140.00 per 1,000.
4-inch, ready in August, separate colors: \$16.00 per 100; \$150.00 per 1,000.
500 plants at 1,000 rate.

WHITMANI FERNS.

8-inch at \$1.00 each. 7-inch at 75c each.

BOSTON FERNS.

5-inch at \$3.00 per dozen.
6-inch at \$6.00 per dozen.
7-inch at \$9.00 per dozen.
8-inch at \$12.00 per dozen.
9-inch at \$15.00 per dozen.
10-inch at \$18.00 per dozen.

PALMS.

	Doz.	100
Cocos Weddelliana, 2-in.....	\$1.75	\$14.00
Kentia Belmoreana, 2-in.....	1.50	12.00
Kentia Belmoreana, 4-in.....	4.50	....
Kentia Belmoreana, 5-in.....	9.00	....
Kentia Forsteriana, 2-in.....	1.50	12.00
Kentia Forsteriana, 3-in.....	2.00	15.00
Latania borbonica, 6-inch, at 75 cts. each.		
Latania borbonica, 7-inch, at \$1.00 each.		
Latania borbonica, large, 10-inch, at \$4.00 each.		

PANDANUS VEITCHII.

3-inch, well colored, at \$3.00 per doz.



CYCLAMEN.

The Nursery Trade

American Association of Nurserymen.

John Watson, Newark, N. Y., President;
Lloyd C. Stark, Louisiana, Mo., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-second annual convention will be held at Philadelphia, Pa., June, 1917.

THE death of John Charlton, well-known nurseryman of Rochester, N. Y., is recorded in our obituary columns this week.

"Practical Landscape Gardening."

"Practical Landscape Gardening" is the title of a book of 266 pages, handsomely illustrated, and designed to assist all who are interested in the artistic development of home surroundings. The basic principles which will bring about the most desirable environment from a gardening standpoint of the moderate sized city lot or the suburban estate are set forth in a clear and logical way by the author, Robert B. Cridland. Among the many subjects treated are included: Arrangement and construction of walks and drives; Ornamental planting of trees and shrubs; The flower garden; Architectural features of the garden; Hardy borders and rose gardens; Wild gardens; Planting plans; Glossary of technical terms. The book is now ready and can be obtained at this office, price \$1.50 net; by mail, postpaid, \$1.65.

Johnny Appleseed Monument.

Supplementing the interesting history of the life and burial place of Johnny Appleseed, historic character who traveled through Ohio and Indiana for many years planting apple seeds and teaching the farmers apple culture, which appeared in our issue of April 29, page 810, we are pleased to present herewith an illustration of a monument erected to his memory in Sherman-Heineman park, Mansfield, O., the gift of Martin B. Bushnell of that city, a fitting tribute to the well-known character of pioneer days to whom orchardists of the states mentioned owe so much. Probably the most authentic account of his work is found in the Historic Annals of Ohio published by the Ohio Archeological and Historical Society in 1861. It is there stated that he was born in Massachusetts in 1775, but little is known of his early life. His appearance in Ohio was first recorded in 1801, at which time he planted his first orchard near what is now Steubenville. For years he planted apple seeds wherever he found suitable ground for a nursery and each year returned to care for the growing trees and plant new nurseries. It is said that his favorite apple was Rambo, and a substantial proof of this is disclosed in the fact that this variety was afterwards found on nearly every farm in the region he traversed. The history of Johnny Appleseed's life, published in pamphlet form under the direction of E. R. Smith, president of the Indiana Apple Show Commission, was distributed to the school children this year throughout the state as part of their Arbor day programme and to keep alive the memory of this pioneer

who brought us the apple tree and taught our forefathers how to grow it. The following verses by Lydia Maria Child are very appropriate:
So he kept traveling far and wide,
Till his old limbs failed him
And he died.

He said at last: "'Tis a comfort to feel

I've done some good in the world
But not a great deal."

As stated in THE AMERICAN FLORIST of January 23, 1915, page 34, plans were being made by the Horticultural Society of Ohio State University, Co-



Johnny Appleseed's Monument.
In Sherman-Heineman Park, Mansfield, O.

lumbus, to solicit donations from horticultural societies for a monument to be erected to his memory. This movement has been successful, and a pillar was unveiled in Swinney park, Fort Wayne, Ind., May 5, 1916.

The monument at Mansfield, which was dedicated November 28, 1900, bears the following inscription:

In Memory of
John Chapman,
Best Known as
Johnny Appleseed,
Nurseryman of Richland County
From 1810-1830.

Presented by Martin B. Bushnell of Mansfield.

Dedicatory Services, Nov. 28, 1900.
Another monument to his memory was erected at Ashland, O., July 28, 1915, the occasion being the one hundredth anniversary of the founding of that city. More than 1,000 school

children of Ashland county, members of the Johnny Appleseed Society, contributed five cents each and many of the schools brought boulders used in the erection of the monument to the memory of the man who planted many apple trees in that section more than a century ago.



**JAPANESE
TEA GARDEN
—AND—
ROCKERY**
For your summer house,
made in a short time,
T. R. OTSUKA,
300 S. Michigan Ave., Chicago.

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THE Storrs & Harrison Co.

PAINESVILLE NURSERIES

Catalogues and Price Lists
Free on Application.

PAINESVILLE, - OHIO

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Hill's Evergreens

BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.
Evergreen Specialists Largest Growers in America
Box 404. DUNDEE, ILL.

PEONIES and IRIS

Catalog now ready.

PETERSON NURSERY

Stock Exchange Building, CHICAGO, ILL.

Our Guarantee

We will replace with three all plants
not proving true to description.

Ornamental Nursery Stock

is handled with profit and satisfaction by hundreds of our florist customers. We grow the following lines in large quantities and are always glad of the opportunity to make quotations.

**Field-Grown Roses, Flowering Shrubs, Perennial
Plants, Climbing Vines, Ornamental Trees.**

OUR CURRENT PRICE LIST will be gladly forwarded on request.

NOTE—Use printed stationery. We sell to the trade only, and do not knowingly compete with our customers by allowing our trade prices to get into the hands of private planters.

JACKSON & PERKINS CO.,

NEWARK, NEW YORK

CALIFORNIA PRIVET

Over Two Million Plants of SUPERIOR Quality.

All sizes from one foot to four feet. Very low prices in car-load lots.

Also **Polish Privet**, **Amoor Privet** and **Berberis Thunbergii** in quantity.

J. T. LOVETT, LITTLE SILVER,
NEW JERSEY

BELLE WASHBURN

BEST RED CARNATION

Field plants, all strictly first size ready for benching, \$12 per 100; \$100 per 1000

500 at the 1000 rate. The season has been exceptionally good for field plants in our vicinity and the plants are just right for benching.

Bassett & Washburn

GREENHOUSES:
HINSDALE AND GREGGS STATION, ILLINOIS.

178 NORTH WABASH AVENUE, CHICAGO, ILL

TREE, SHRUB AND PALM .. SEED

For the Nursery and Florist Trade.

My seed is fresh and reliable. For Prices address

GEORGE H. HOPKINS,
EAGLE ROCK STATION, LOS ANGELES CALIF.

BOXWOODS.....MOST BEAUTIFUL STOCK

Pyramids, 2 -ft.....\$1.00 each
Pyramids, 2½-ft.....1.50 each
Pyramids, 3 -ft.....2.00 each
Pyramids, 3½-ft.....2.50 each
Standard Shape, 14x14 in.....2.50 each
Globes, 14x14 in.....3.00 each
Heavy Bushes, 2-ft.....1.50 each
Nice Bushes, 15-in.....35c each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

ROSES, CANNAS
Shrubbery
THE CONARD & JONES CO.,
West Grove, Penna.

CARNATIONS

F. DORNER & SONS CO.,
Lafayette, - - Indiana

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

Orchids

If you want **Orchids** for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but **Orchids**. Special lists on application.

LAGER & HURRELL, Summit, N. J.

25,000 Chrysanthemums READY NOW

In over 20 varieties: early, medium and late, from 2 and 2½ inch pots, fine stock.

Late Cabbage plants, \$1.50 per 1000.

ALONZO J. BRYAN, Wholesale
Florist,
Washington, New Jersey.

Mention the American Florist when writing

'MUM BARGAINS

Mrs. C. H. Totty, White Cloud, Pink Chieftain.
Strong 2-in. stock at \$15.00 per 1000, cash.
\$1.50 per 100.

JOY FLORAL CO., Nashville, Tenn.

Mention the American Florist when writing

Field-Grown Carnation Plants

While They Last.

LARGE, FINE BUSHY PLANTS.

100 1000
Pink Enchantress.....\$5.00 \$40.00

J. A. BUDLONG

184 N. Wabash Av., CHICAGO

GERANIUMS

Guaranteed to reach any point in the U. S. from Chicago East, in good growing condition, or they can be returned and your money refunded. I take all the risk. Summer prices.

S. A. Nutt and Buchner.....\$10.00 per 1000

Ricard and Poitevine 12.50 per 1000

ALBERT M. HERR, LANCASTER, PA.

CHAS. H. TOTTY

MADISON, NEW JERSEY

Wholesale Florist

Chrysanthemum Novelties my Specialty

Field-Grown Carnation Plants

Extra fine stock ready for immediate delivery. Order today.

	100	1000		100	1000
PHILADELPHIA.....	\$4.50	\$40.00	WASHINGTON.....	4.50	40.00
ENCHANTRESS.....	4.50	40.00	ZOE SYMONDS.....	4.50	40.00
WHITE ENCHANTRESS.....	4.50	40.00	BEACON.....	5.00	45.00
ROSE PINK ENCHANTRESS, 4.50		40.00			

PETER REINBERG

WHOLESALE FLORIST

30 E. Randolph Street, L. D. PHONE—CENTRAL 2846 CHICAGO, ILL.

Mention the American Florist when writing

Trade Directory

Price \$3.00 Postpaid.

AMERICAN FLORIST CO.
440 S. Dearborn Street, CHICAGO

Fertilizer Industry Growth.

A summary of the general results of the 1914 census of manufactures with respect to the fertilizer industry has been issued by the bureau of the census, United States department of commerce, showing that from reports received from 1,124 fertilizer establishments the total value of the products for the year was \$168,388,405. The output of fertilizers for the year aggregated 8,414,959 net tons, consisting of 4,488,565 tons of complete fertilizers, 1,116,739 tons of ammoniated fertilizers, 1,760,290 tons of superphosphates, acid phosphates and concentrated phosphates and 1,049,365 tons of other fertilizers.

At the census of 1909 there were reported 843 establishments—comprising 550 engaged primarily in the manufacture of fertilizers and 293 that produced fertilizers as a subsidiary product—the output of which was valued at \$111,871,481. Of this amount, \$100,089,971 represented the value of 5,618,234 tons of fertilizers and \$11,781,510 the value of other products. The value of all products in 1914 was thus \$56,516,924, or 50.5 per cent more than in 1909; and the output of fertilizers in 1914 exceeded that in 1909 by 2,796,725 tons, or 49.8 per cent, in quantity, and by \$52,725,815, or 52.7 per cent, in value.

The statistics show increases for complete fertilizers from 3,001,370 tons, valued at \$63,104,917, in 1909, to 4,488,565 tons, valued at \$97,046,825, in 1914, amounting to 49.5 per cent in quantity and 53.9 per cent in value; and for ammoniated fertilizers, from 522,389 tons, valued at \$11,004,390, in 1909, to 1,116,739 tons, valued at \$24,344,271, in 1914, amounting to 113.8 per cent in quantity and 121.2 per cent in value. The production of superphosphates, acid phosphates, and concentrated phosphates increased in quantity from 1,494,097 tons in the earlier year to 1,760,290 tons in the later, or by 17.8 per cent, but decreased in value from \$16,458,344 to

Bay Trees

STANDARD OR TREE SHAPED

Stems		Each	Pair
30-in. Crowns 24-in.	\$	7.00	\$13.00
36-in. " 24-in.		7.00	13.00
45-in. " 26-in.		7.50	14.00
45-in. " 30-in.		10.00	18.00
48-in. " 34-in.		12.00	22.00
48-in. " 40-in.		15.00	28.00

PYRAMIDAL SHAPED

5 ft. high, 24 in. diameter at base..... \$8.00 \$15.00



PYRAMIDAL BOX TREE

Boxwood Plants

IN TUBS

	Each	Pair
PYRAMIDS—2½-ft.	\$2.00	\$3.75
3-ft.	2.50	4.50
3½-ft.	3.50	6.00
BUSH—24-inch.	1.25	2.35
30-inch.	2.75	5.00
36-inch.	3.75	7.00
10-inch (out of tubs), doz., \$3.00:		
12-in., doz., \$4.00.		
STANDARDS—18-20-inch stem, 12-inch ball tops.	3.00	5.50
12-in. stem, 12-in. crown.....	1.25	2.25
14-15-in. stem, 12-in. crown.....	1.50	2.75
GLOBE—15x15-inch.....	2.75	5.00
18x18-inch.....	3.50	6.50
BUSH—Out of tubs—	Doz.	Per 100
12-inch.....	\$4.00	\$30.00
18-inch.....	6.50	45.00

Out of tubs 25c each reduction.

10% discount allowed on Pyramids in lots of 10 or more.
10% discount allowed on Bush shape in lots of 50 or more.

Poinsettias

August Delivery.

2½ inch strong stock.
\$6.00.....per 100 \$50.00.....per 1000

Ampelopsis Veitchi

3-year, pot grown.

Per doz.....\$3.00 Per 100.....\$20.00

VAUGHAN'S SEED STORE

CHICAGO

NEW YORK

Mention the American Florist when writing

\$16,145,659, or by 1.9 per cent. The output of other fertilizers increased from 600,378 tons, valued at \$9,522,320,

in 1909, to 1,049,365 tons, valued at \$15,279,031, in 1914, or by 74.8 per cent in quantity and 60.5 per cent in value.

Ready Reference Section.

10 CENTS PER LINE, NET.



AMPELOPSIS VEITCHI.

Ampelopsis Veitchi, 3 year, pot-grown, \$3 per dozen; \$20 per 100. Vaughan's Seed Store, Chicago and New York.

ARAUCARIAS.

Araucarias. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, true, 2½-inch ready for shift; \$2.75 per 100; \$25 per 1,000. Cash with order. Rose Hill Nurseries, New Rochelle, N. Y.

SPRENGERI, strong planting stock, 6c. Levant Cole, 89 Wendell St., Battle Creek, Mich.

ASPARAGUS PLUMOSUS, 2½-in., \$2.50 per 100. Cash please. Edgar Easterday, Nokomis, Illinois.

ASPARAGUS SPRENGERI, 3-in., \$4 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

AZALEAS.

Azaleas. W. & T. Smith Co., Geneva, N. Y.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEDDING PLANTS.

Bedding Plants. For sizes, varieties and prices, see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS.

BEGONIAS.

Xmas Red, 3-in.	\$8.00 per 100
Erfordii, 2½-in.	3.00 per 100
Erfordii, 3-in.	6.00 per 100
Chatelaine, 2½-in.	3.50 per 100
Chatelaine, 3-in.	8.00 per 100
Prima Donna, 2½-in.	3.00 per 100

Extra strong plants all in bloom.

Vernon, Erfordii, Prima Donna, Luminosa and Triumph, strong transplanted seedlings, \$1.50 per 100. Begonias, tuberous started, \$6.00 per 100; \$1.00 per doz., separate color or mixed. ERNEST ROBER, Wilmette, Ill.

BEGONIAS—Immediate Delivery.

Mrs. J. A. Peterson (new), 2½-in. pots.	\$25.00
Per 1,000	200.00

JULIUS ROEHRS CO., Rutherford, N. J.

Begonias, Gloire de Lorraine, 3-in., \$20 per 100; \$175 per 1,000; Glory of Cincinnati, \$25 per 100; \$225 per 1,000. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Begonias, Vernon, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Rex Begonias, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BOXWOOD.

Bay and Boxwood Trees. Very choice stock. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

BOXWOOD.

BOXWOODS.

PYRAMIDS. Broad, heavy specimens, 2 ft., \$1.90 each; 2½ ft., \$2.00 each; 3 ft., \$2.50 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee, Ill. Write for prices on larger sizes.

BUSH SHAPE, 10-12-in., balled, 30c each; 18-in., balled, 60c each; 30-in., balled, \$1.75 each.

THE D. HILL NURSERY CO., INC. Dundee, Ill. Box 404.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

BULBS.

Bulbs. French Paper White Grandiflora. Write for varieties and prices. Lillium Formosum, 7 to 9-in., (250 to case), \$58 per 1,000; 9 to 10-in., (180 to case), \$80 per 1,000. Lillium Harrisii, 6 to 7-in., (335 to case), \$55 per 100; 7 to 9-in., (200 to case), \$85 per 100. Vaughan's Seed Store, Chicago and New York.

Bulbs. Lillium Harrisii for immediate delivery, 5-in. to 7-in., \$5 per 100; \$40 per 1,000. 7-in. to 9-in., \$9 per 100; \$80 per 1,000. 9-in. to 11-in., \$22 per 100. J. M. Thornburn & Co., 53 Barclay St., New York City.

Bulbs from cold storage. Valley pips. Holland grown, \$17 per 1,000; Danish grown, \$20 per 1,000; German grown, \$25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs. Rainbow freesias of good blooming size and in a mixture of colors, \$5 per 100; \$40 per 1,000. \$187.50 for 5,000. A. Henderson & Co., 211 N. State St., Chicago.

Write for our fall catalogue quoting prices, F. O. B., St. Louis, on finest quality Dutch Bulbs. LECHNER BROS., 413 Caxton Bldg., St. Louis, Mo.

Bulbs, Imported. Narcissus, Hyacinths and Tulips. Freesias and Japan Lilies. Write for trade price list. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

Bulbs, Georgia grown. For varieties, sizes and prices see advertisement elsewhere in this issue. C. S. Tait, Brunswick, Ga.

Bulbs. Freesias. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Lily bulbs: fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily bulbs. Fall shipment from Japan. McHutchison & Co., 95 Chambers St., New York.

CALADIUMS.

Caladiums, finest fancy leaved varieties, 25c, 35c, 50c, \$1.00 and \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

CARNATIONS.

CARNATION FIELD PLANTS.

The season has been exceptionally good for growing field plants with us and we offer the following very choice plants:

BELLE WASHBURN, the best commercial red carnation, winner of prizes wherever exhibited, per 100, \$12; per 1,000, \$100.

WHITE ENCHANTRESS, strictly choice plants, per 100, \$6; per 1,000, \$50. Matchless, \$7.00 per 100; \$60.00 per 1,000. We bill 250 or more at the thousand rate.

BASSETT & WASHBURN, 178 N. Wabash Ave., Chicago.

Carnation Aviator. Field plants, good strong healthy stock, \$12 per 100; \$100 per 1,000. Delivery now. J. D. Thompson Carnation Co., Joliet, Ill.

CARNATIONS.

FIELD GROWN CARNATION PLANTS.

Mrs. C. W. Ward	\$6.00 per 100; \$50.00 per 1,000
Enchantress	5.00 " " 45.00 " "
Rose Pink Enchant.	6.00 " " 50.00 " "
Beacon	6.00 " " 50.00 " "

CHICAGO FLOWER GROWERS' ASSOCIATION, 182 North Wabash Avenue, Chicago.

FIELD-GROWN CARNATION PLANTS.

	100	1,000
10,000 White Perfection	\$6.00	\$50.00
15,000 White Enchantress	6.00	50.00
20,000 Pink Enchantress	6.00	50.00

Ready for shipment now or will reserve for later delivery. We guarantee plants to be in healthy condition at time of shipment.

PITTSBURGH CUT FLOWER CO., Carnation Growers Pittsburgh, Pa.

FIELD-GROWN CARNATION PLANTS.

	100	1,000
Mrs. Ward	\$6.00	\$50.00
Beacon	6.00	50.00
Enchantress	6.00	50.00
Enchantress Supreme	6.50	55.00
White Wonder	6.50	55.00
White Perfection	6.50	55.00
Alice	6.50	55.00

Our stock of plants is fine and healthy. GEO. PETERS & SONS, L. I., N. Y.

CARNATIONS, field-grown plants, good, healthy stock. Light Pink Enchantress, Peerless Pink, C. W. Ward, Philadelphia. Gloriosa, Winsor, White Wonder, Victory, Herald and Champion, \$4.50 per 100; \$40 per 1,000. Ask for price on Aviator. Cash with order. James Psenicka, Gross Point, Ill.

Carnation plants, field-grown, extra fine stock for immediate shipment. Pink Enchantress, White Enchantress, Rosette, Champion, \$5.50 per 100; \$50 per 1,000. Philadelphia, Washington, Victory, \$5 per 100; \$45 per 1,000. White Wonder, Matchless, \$6 per 100; \$55 per 1,000. Wiator Bros., 162 N Wabash Ave., Chicago.

Field grown carnation plants. Extra fine stock for immediate delivery. Philadelphia, Enchantress, White Enchantress, Rose Pink Enchantress, Washington, Zoe Symonds, \$4.50 per 100; \$40 per 1,000. Beacon, \$5 per 100; \$45 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Carnation plants, field-grown stock, Philadelphia, Ward, St. Nicholas, Champion, Delhi, White Wonder and White Enchantress, \$6 per 100; \$50 per 1,000; Enchantress, \$45 per 1,000. Cash please. Joy Floral Co., Nashville, Tenn.

Carnation plants, field grown, ready for shipment at any time. For varieties and prices see advertisement elsewhere in this issue. Ell Cross, 150 Monroe Ave., Grand Rapids, Mich.

Carnation plants, field grown. Pink Enchantress and Rosette, \$5 per 100; \$45 per 1,000. J. A. Budlong, 184 North Wabash Ave., Chicago.

Carnation plants, field grown. For varieties see advertisement elsewhere in this issue. The Leo Nissen Co., 1201 Race St., Philadelphia, Pa.

Carnations for fall delivery. Best varieties. Prices low; send for list. Wood Brothers, Fishkill, New York.

Carnations. F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS.

Emma—A Garza-Anemone, double pompon, pale pink; it's a dandy; you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now. \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS IN 2½-IN. POTS.
The following kinds are the choicest of the commercial varieties. They are far ahead of the old varieties in quality and size of flowers, also in percentage of good blooms:

300 Golden Queen, extra early.....	6c
300 Marigold, " " " " " " " "	5c
1600 Yellow Frost, " " " " " " " "	3c
300 Crystal Gem, " " " " " " " "	6c
600 October Frost, " " " " " " " "	3c
600 Mensa, best white single pompon, same as large Daisy	3c

BASSETT & WASHBURN,
178 N. Wabash Ave., Chicago.

CHRYSANTHEMUMS. Good commercial varieties, 2½-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums, 2-in. plants, just right, \$20 per 1,000. Cash. Joy Floral Co., Nashville, Tenn.

Chrysanthemums, Pompon variety, 2-in., \$2.00 per 100; \$18.50 per 1,000; 3-in., \$3.00 per 100; \$25.00 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Chrysanthemums, 25,000 ready now. Over 20 varieties, early, medium and late, from 2 and 2½-in pots. Alonzo J. Bryan, Washington, N. J.

COLEUS.

Coleus, Emperor Wilhelm, 3-in., 8c each; 4-in., 15c each. Poehlmann Bros. Co., Morton Grove, Ill.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CROTONS.

Crotons. From 3-in pots up to the largest made-up specimens. Robert Craig Company, 4900 Market St., Philadelphia, Pa.

CYCLAMEN.**CYCLAMEN.**

Improved Wandsbek type, 3-in., \$8 per 100. Cyclamen seed, early varieties, equally divided, \$6 per 1,000. Fancy and salmon, separate, \$8 per 1,000.

ERNEST ROBER, Wilmette, Ill.

Cyclamen. 60,000 of the largest and best grown stock. All sizes from 2-in. to 8-in. pots. Robert Craig Company, 4900 Market St., Philadelphia, Pa.

Cyclamen. For varieties and prices see advertisement elsewhere in this issue. The George Wittbold Co., 737 Buckingham Place, Chicago.

1,000 2½-in. Wandsbek cyclamen; good clean stock, \$6 per 100. D. G. GRILLBORTZER, Alexandria, Va.

Cyclamen. The St. George's Nursery Co., Harlington, Middlesex, England.

DAHLIAS.

Dahlias. Best new and standard varieties. Peacock Dahlia Farms, Williamstown Junction, N. J.

DAISIES.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

Daisies, A. E. Hunt & Co., 30 E. Randolph, Chicago.

DRACAENAS.

DRACAENA INDIVISA, 5-in., \$35.00 per 100; 4-in., \$15.00 per 100; 3-in., \$6.00 per 100. ERNEST ROBER, Wilmette, Ill.

DRACAENA INDIVISA, 5-in., 35c. Harry Heint, West Toledo, O.

FERNS.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns. Over 150,000 plants from 2-in. pots up. Such varieties as Teddy, Jr., John Wana-maker, Smith, Scott, Elegantisima, Improved, Harrisii and others. Robert Craig Co., 4900 Market St., Philadelphia, Pa.

FERNS.

Ferns, Boston, 4-in., \$15 per 100; 7-in., \$6 per doz.; 8-in., \$1 each, \$9 per doz. Large plants in 11 and 12-in. pots, \$2.50 and \$5 each. R. Vincent, Jr. & Sons Co., White Marsh, Md.

New fancy ferns, special picked. C. A. Kuehn, 1312 Pine St., St. Louis, Mo.

FREESIAS.

Freesias. Purity, California grown, 1st size, \$10 per 1,000; Mammoth, \$12 per 1,000; Rainbow, new and very fine, yellow, orange, lavender and pink, \$5 per 100; \$40 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia, Pa.

Fischer's Purity Freesia, direct from responsible grower. BROWN'S BULB RANCH, Capitola, Calif.

GERANIUMS.

GERANIUMS. Extra strong, 2-in., S. A. Nutt. Ruby (best dark red), Dagata, Ricard, Red Wing, Viaud, Landry, La Favorite, Perkins, Oberle and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wylie, Aviator, Rogers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. F. H. DE WITT & CO., Wooster, O.

Geraniums, in good 3-in. stock at \$3 per 100; \$25 per 1,000; 2-in., at \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS. Mixed varieties, fine healthy plants, \$3.00 per 100. M. C. GUNTERBERG, 158 North Wabash Avenue, Chicago.

Geraniums, S. A. Nutt and Buchner, \$10 per 1,000; Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, S. A. Nutt, 2-in., \$1.65 per 100; \$16 per 1,000. Elmer Rawlings, Allegany, N. Y.

GREENS.

Greens. Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. Caldwell The Woodsman Co., Evergreen, Ala.

Greens. Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

HYDRANGEAS.

HYDRANGEA OTAKSA, 3-in., \$5.00 per 100; 6-in. and 8-in. in bloom, 35c, 50c, 75c and \$1.00 each. HENRY SMITH, Grand Rapids, Mich.

Hydrangeas for summer-blooming. For varieties and prices see advertisement on cover of this issue. F. R. Pierson Co., Tarrytown, N. Y.

IRISES.**GERMAN IRIS.**

Strong Divisions. For August Planting.

Chas. Dickens, blue and purple.....	100	1,000
Hector, yellow and crimson.....	3.00	22.00
Heteranth, bright blue	2.50	18.00
Honorobilis (Sans Souci), mahogany and gold	2.50	18.00
Loreley, light yellow and blue.....	4.00	30.00
Mars, yellow and violet	3.00	22.00
Madam Chereau, pale blue	2.50	18.00
Mrs. H. Darwin, white and violet..	3.50	25.00
Pharaon, lilac, very fine.....	2.50	18.00
Stenophylla, pale blue.....	2.50	18.00
Venus, yellow veined purple.....	2.50	18.00

VAUGHAN'S SEED STORE.

Chicago New York

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

Boston Ferns, 3-in., \$3 per 100. A. Henderson & Co., 211 N. State St., Chicago.

JASMINE.

JASMINUM GRANDIFLORUM, 4-inch pots, strong plants; \$2.00 per doz.; \$12.50 per 100. Rose Hill Nurseries, New Rochelle, N. Y.

LANTANAS.

LANTANAS, mixed, 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILIES.

The Regal Lily. Finest horticultural introduction in several generations. \$10 per doz.; \$60 per 100. R. & J. Farquhar & Co., 6 So. Market St., Boston, Mass.

LILY OF THE VALLEY.**From Storage.**

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the valley. Finest in existence. For quotations address Otto Mann, Leipzig, Saxony, Germany.

MOONVINES.

Moonvines, lemon verbenas, swainsona, parlor ivy, S. scandens, alyssum, coleus, Salvia Bonfire and Zurich, cuphea, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th sts., Philadelphia, Pa.

Palms. Joseph Heacock Co., Wyncote, Pa.

PANSIES.

Pansies. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington Co., Inc., 128 Chambers St., New York.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. HENRY SMITH, Grand Rapids, Mich.

PEONIES.

French peonies can be shipped with celerity and security via Bordeaux-New York. Catalogue free. DESSERT, Peony Specialist, Chenonceaux, France.

Peonies. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

POINSETTIAS.

Poinsettias, true Christmas type. July and August delivery. 2½-in., strong plants, \$6 per 100; \$50 per 1,000. Vaughan's Seed Store, Chicago and New York.

POINSETTIAS.

2½-in., \$5 per 100; \$45 per 1,000. Orders booked in advance.

ERNEST ROBER, Wilmette, Ill.

PRIMULAS.**PRIMULAS.**

Ready July 30th to August 20th. Obconica Grandiflora, choicest mixed colors; Vesuvius, crimson; Crispa, rose, new; Fimbriata, fringed, mixed; Compacta, lilac.

In 2½-in. pots, \$2 per 100; \$18 per 1,000.

Obconica Gigantea, best mixed colors; Kermesina, crimson; Rosea, pink; Lalacina, pale lilac.

In 2½-in. pots, \$2.50 per 100; \$22 per 1,000.

Forbesi, "Baby" in 2½-in. pots, \$1.75 per 100.

Malacoides, best mixed, in 2½-in. pots, \$2.25 per 100.

Chinensis, Chinese, highest grade, mixed colors. Alba Magnifica, white.

In 2½-in. pots, \$2 per 100; \$18 per 1,000.

Also Asparagus plumosus and Sprengeri in 2½-in. pots at \$18 per 1,000. Cash.

JOSEPH H. CUNNINGHAM

"The Primrose Man."

Delaware, Ohio

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

PRIMULAS.

PRIMULAS.

Obconica, 2-in.	100
Malacoides, 2-in.	\$3.00
Malacoides, 3-in.	3.00
ERNEST ROBER,	6.00
Wilmette, Ill.	

Primulas, Grandiflora and Gigantea strain, only the choicest varieties; summer delivery, 2½-in., \$3 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

PRIVET.

California Privet, of superior quality, in all sizes from one to four feet. J. T. Lovett, Little Silver, N. J.

ROSES.

ROSES.

1200 American Beauty, 4-in., extra choice young plants	Each	8c
4000 White Killarney, 2½-in., grafted, good big plants	8c	
2000 Richmond, 2½-in., grafted, good big plants	8c	
5000 Sunburst, 2½-in., own root, extra fine plants	4c	
2000 Cecile Brunner, 3-in., own root, choice stock	4c	
2000 Mrs. Geo. Sawyer, 2½-in., own root, 4c		
BASSETT & WASHBURN,	Chicago.	
178 N. Wabash Ave.		

Roses. Grafted 3½-in. stock: Pink and White Killarney, Brilliant, Milady, Ophelia, Old Gold, Cecile Brunner, Richmond, Scott Key, Elgar, \$140.00 per 1,000. Grafted 2½-in. stock: Pink and White Killarney, Brilliant, Ward, Milady, Old Gold, Richmond, Hoosier Beauty, Scott Key, Elgar, \$100 per 1,000. Own root 3½-in. stock: Pink and White Killarney, Old Gold, Richmond, Scott Key, Brilliant, Elgar, Ward, Sunburst, \$96.70 per 1,000. Own root, 2½-in. stock: Pink and White Killarney, Scott Key, Sunburst, Richmond, \$56.70 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

FINE 2½-INCH ROSE PLANTS.

Killarney	100	1,000
Richmond	\$4.00	\$35.00
Geo. Elgar (Baby Yellow)	3.00	25.00
White Killarney	4.00	35.00
White Killarney	4.00	35.00

WIETOR BROTHERS.

L. D. Phone, Randolph 2081. Chicago.
162 N. Wabash Ave.,

Rose plants. Pink and White Killarney, 2½-in., own root, \$6 per 100; \$55 per 1,000; 3½-in., own root, \$10 per 100; \$90 per 1,000. Bon Silene, 2½-in., own root, \$4 per 100. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

ROSE PLANTS. Kaiserin A. V., 3-in., \$6.00 per 100. Richmond, 3-in., \$6 per 100. Maryland, 3-in., \$8 per 100. American Beauties, 4-in., \$8 per 100. Other varieties. HENRY SMITH, Grand Rapids, Mich.

RICHMOND ROSE PLANTS.

3,000, 3-in. pots, \$30 per 1,000.
HOERBER BROS.,
162 N. Wabash Ave., Chicago, Ill.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses, 2½ and 4-in. pots, in a good assortment. The Leedle Floral Co., Springfield, O.

Roses, from 3-in. pots in best varieties. Wood Bros., Fishkill, New York.

Roses, cannas, shrubbery. The Conard & Jones Co., West Grove, Pa.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10.00 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seed. Pansy for August sowing. Vaughan's International Mixture, Trade pkt., 50c; ¼-oz., \$1.50; ½-oz., \$5; oz., \$10. Vaughan's Giant Mixture, Trade pkt., 25c; ¼-oz., 60c; oz., \$4; ¼-lb., \$14. Vaughan's Seed Store, Chicago and New York.

Seeds. Winter-flowering Spencer Sweet Peas, florists' for present sowing. For varieties and prices, see advertisement elsewhere in this issue. Arthur T. Boddington, Inc., 123 Chambers St., New York.

SEEDS.

Seeds, contract growers of pepper; egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, contract growers of cucumber, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds. Burpee's Early or Winter-Flowering Spencers. For varieties and prices, see advertisement elsewhere in this issue. W. Atlee Burpee & Co., Philadelphia, Pa.

Seed. Giant Pansy, new crop of superb colors and selected stock. Pkt., \$1; ½ pkt., 50c; oz., \$4; 3 oz., \$10. Cash. E. B. Jennings, Southport, Conn.

Seeds. Sweet Pea for fall sowing. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed. Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, tree, shrub and palm. For nursery and florists. Write for prices. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsley, parsnips, turnips. R. & M. Godineau, Angers, France.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, specialties: Lettuce, onion, sweet pea, aster, cosmos, mignonette, verbena in variety. Waldo Robnert, Gilroy, Calif.

Seeds. Pansy. For varieties and prices see advertisement elsewhere in this issue. Chas. Frost, Kenilworth, N. J.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 557, Melbourne, Australia.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Flower, sweet pea and nasturtiums. The T. D. Waller Seed Co., Guadalupe, Calif.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds. Vegetable, flower and forage. Simon Louis Freres & Co., Bruyeres-le-Chatel (Seine et Oise), France.

Seed. Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

Seed. High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds. All the leading kinds for summer and fall planting. James Vick's Sons, Rochester, N. Y.

Seeds, garden, farm or flower, wholesale only. Write for prices. Kelway's, Langport, Eng.

Seeds. Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

SEEDS.

Seeds. Flower and garden. Bernard Seed Store, 231-235 W. Madison St., Chicago.

Seeds. Flower and garden. Barnard's Seed Seed Growers Company, San Jose, Calif.

Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seed. Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seed. Flower and garden. Routzahn Seed Co., Arroyo Grande, Calif.

SMILAX.

Smilax, strong new stock, 2½-in., \$2.50 per 100; 3-in., \$6 per 100; \$50 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SNAPDRAGONS.

3,000 4-in. fine snapdragons (Keystone). A fine pink, well branched, \$8 per 100. D. G. GRILLBROTZER, Alexandria, Va.

STEVIA.

STEVIA, 2½-in. pots, \$1.50 per 100. Cash or C. O. D. James Psenicka, Grosse Point, Ill.

STOCK WANTED.

Cacti and succulent plants. Send full particulars of varieties, sizes, prices, terms, etc., to Four Oaks Spraying Co., Sutton Coldfield, Birmingham, Eng.

STRAWBERRIES.

STRAWBERRY PLANTS for August and fall planting. Runner and pot-grown plants that will bear fruit next summer. Standard and Everbearing varieties. Also raspberry, blackberry, asparagus plants; fruit trees. Catalogue free. Wholesale price list sent to florists. Harry H. Squires, Remsenburg, N. Y.

TO EXCHANGE.

To exchange. Rex Begonias; strong plants from 2½-in. pots for Boston ferns from 2½-in. pots. James Vicks Sons, Rochester, N. Y.

VEGETABLE PLANTS.

Celery and parsley. For varieties and prices see advertisement elsewhere in this issue. R. Vincent Jr., & Sons Co., White Marsh, Md.

VINCAS.

300 variegated vincas. Good healthy plants in 4-in. pots, \$9 per 100. M. W. STOLL, 1621 E. 74th St., Chicago. Phone Hyde Park, 5504.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

Vinca Variegata, 2-in., \$2 per 100. Elmer Rawlings, Allegheny, N. Y.

MISCELLANEOUS.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 342 Grandy Av., Detroit, Mich.

Choice landscape decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., box 404, Dundee, Ill.

Boiler flues, cleaned and trimmed. Stuttle's clamps and elbows to join flues. H. Munson, 1353 N. Clark St., Chicago.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Straford, London, England.

Japanese tea garden and rockery for your summer house made in a short time. T. R. Otsuka, 300 S. Michigan Ave., Chicago.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Fertilizers. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros Co., 72-74 E. Randolph St., Chicago.

CAREFULLY BOILER FLUES SELECTED

We make a specialty of handling carefully selected Boiler Flues, 4-inch diameter and other sizes for greenhouse piping, Gutter Posts, etc. Also we make a specialty of

MUNSON'S BOILER FLUES FOR RETUBING BOILERS

All flues are thoroughly cleaned inside and out, trimmed, and are ready for use. General sales agents for Stuttle's Patent Clamp and Elbow for joining flues—no packing, no leaks. New Standard Pipe and all kinds of Greenhouse Fittings. Right prices and prompt shipment

H. MUNSON, TELEPHONE—**SUPERIOR 572** **1353 N. Clark St., CHICAGO**

MISCELLANEOUS.

Landscape gardening. A course for gardeners, florists and home makers. The Home Correspondence School, Springfield, Mass.

Snap button badge for conventions, picnics, etc. Samples free. Gorham & Chapline Novelty Co., 542 S. Dearborn St., Chicago.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Vaughan's perfection points. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Nursery stock of all descriptions. Catalogues and price lists free on application. The Storrs & Harrison Co., Painesville, O.

Florists' Greening Pins. Box of 10 lbs., \$1.50; 5 boxes, \$7.00. Geo. M. Angermueller, 1324 Pine St., St. Louis, Mo.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Catalogues. Large runs our specialty. Write for prices. Regan Printing House, 527 Plymouth Place, Chicago.

Baskets of every description. Write for catalogue. Raedlein Basket Co., 713 Milwaukee Ave., Chicago.

Save 25 per cent on erecting, heating and glazing. Mike Winandy, Jr., 6236 N. Lincoln St., Chicago.

Bay Tubs. For varieties and prices see advertisement elsewhere in this issue. Pochlmann Bros. Co., 72-74 E. Randolph St., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Umbrella Plants, 5-in., \$1.50 per dozen. The George Wittbold Co., 737 Buckingham Place, Chicago.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Greenhouse glass. Write for prices. Okmulgee Window Glass Co., Okmulgee, Okla.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Boilers of high grade for greenhouses. Write for catalogues. Giblin & Co., Utica, N. Y.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Blooming plants or anything in soft wooded plants. Geo. A. Kuhl, Pekin, Ill.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

MISCELLANEOUS.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Hail storm insurance. John G. Esler, Saddle River, N. J.

Glass, large stock and good prices. Sharp, Partridge & Co., Chicago.

Wired toothpicks, 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Greenhouse boilers. Kroeschel Bros. Co., 452 W. Erie St., Chicago.

Emergency pipe clamps. M. B. Skinner & Co., 560 W. Washington St., Chicago.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

Winter Onion Sets. Vaughan's Seed Store, Chicago and New York.

GREENHOUSE INSURANCE.

Cyclone and hail insurance; also insurance on growing crops while in the fields. The American Mutual Cyclone and Hail Insurance Co., Muncie, Ind.

CYCLONE AND HAIL INSURANCE. To get it at reasonable prices write The Hoosier Mutual, Farmland, Ind.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Pecky Cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

INSECTICIDES.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Alpine, \$1 per qt.; \$2.50 per gal. Fungine 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nikoteen, for spring spraying: Aphis Punk, for fumigating. Nicotine Mfg. Co., St. Louis.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neposnet flower, vegetable waterproof paper pots. Vaughan's Seed Store, Chicago and New York.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kohr, 2934-36 N. Leavitt St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c for 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

STAKES.

Rose stakes, extra stiff, No. 9 galvanized wire, 4 ft., \$11.90 per 1,000. Carnation supports, \$18 per 1,000 plants. The Carnation Support Co., Connersville, Ind.

Cane Stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

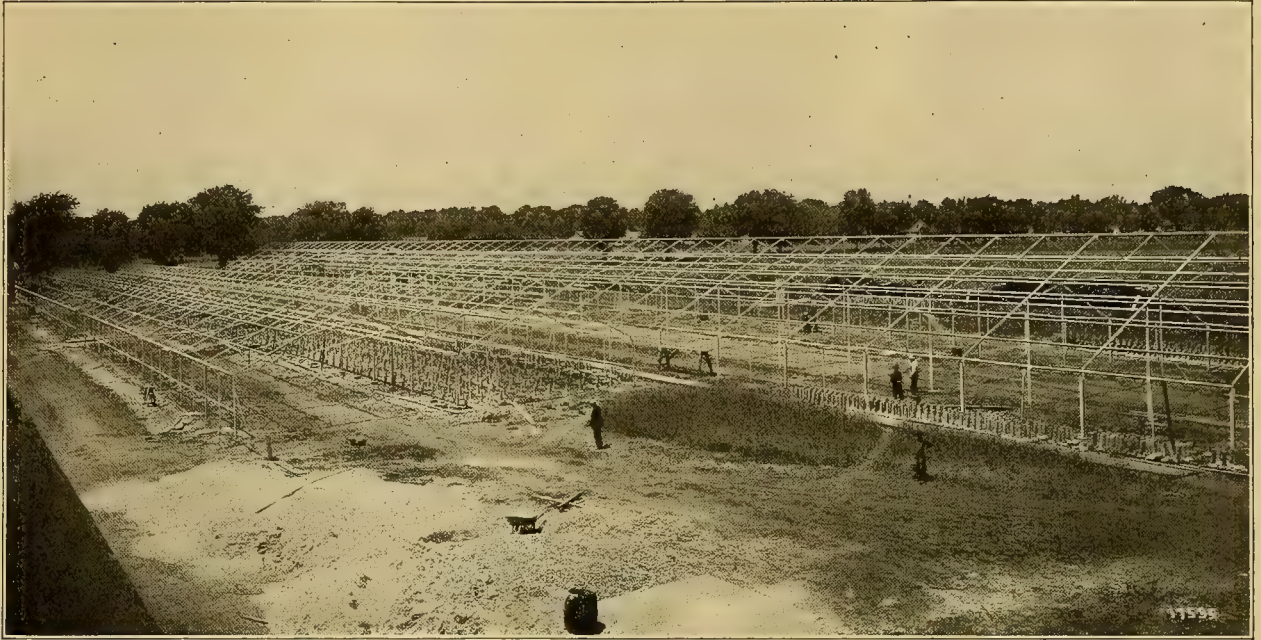
Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

WIRE WORK.

Florists' wire designs and fancy wire lamp shades. NORTHWESTERN WIRE WORKS, 228 13th Ave., N. E., Minneapolis, Minn.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

Finest Plant in the World



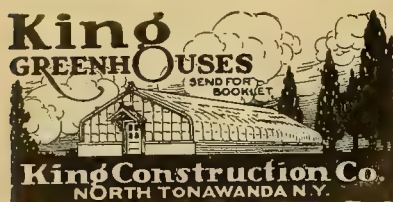
NEW ADDITION TO THE BIG GULLETT RANGE AT LINCOLN, ILL.

IF you have never visited the wonderful Gullett plant at Lincoln, Ill., now is a good time for you to go. We are just finishing a new addition of three steel frame houses one 60x500 feet and two 30x417 feet. The completed plant consists of six houses 60x500 feet, two 26x415 feet and two 30x417 feet. A new chimney 7 feet inside at the top and 150 feet high is being erected, also a new fire proof service building 60x100 feet. It will be worth your while to stop off at Lincoln any time you are down that way.

It's the finest greenhouse range in the world.



1503 Masonic Temple, Chicago



A Recent Subscriber to Our Credit and Information List Says:

'Think it the best money we have ever spent.'

For full particulars write

NATIONAL FLORISTS' BOARD OF TRADE
56 PINE STREET, NEW YORK CITY

Cement Waterproofing.

The soap-and-alum process in waterproofing has been used frequently by engineers of the war department. It is described in the 1901 report of the chief of engineers, United States Army, as follows:

The soap-and-alum (Sylvester) process was used in "waterproof mortar" and applied to both horizontal and exposed vertical surfaces. This mortar was made by taking one part cement and two and a half parts sand and adding thereto three-quarter pound of pulverized alum (dry) to each cubic foot of sand, all of which was first mixed dry, then the proper amount of water—in which had been dissolved about three-quarters pound of soft soap to the gallon of water—was added and the mixing thoroughly completed.

The mixture is a little inferior in strength to ordinary mortar of the same proportions and is impervious to water, and is also useful in preventing efflorescence. The alum is in excess for the reason that it coagulates other things than soap that may come to it.

The process was applied in connection with concrete construction in fortification at New York harbor. Similar treatment is known to have been used somewhat extensively elsewhere in work of like character. — Cemetery Beautiful.

War Gardening.

Edith Wharton found one happy soldier at the front. He had a gift for landscape gardening and even in war there was a chance to use it.

"His real work," wrote the novelist, after her visit to the French army, "has been done on the battlefield, where row after row of graves, marked and listed as soon as the struggle was over, have been fenced about, symmetrically disposed, planted with flowers and young firs, and marked by the names and death dates of the fallen. As he led us from one of these enclosures to another his face was lit with the flame of a gratified vocation."

Birch Bark Substitute for Wintergreen.

An application to buy all of the bark of the black birch in one of the forest reserves in the southern Appalachians has been received by officers of the forest service, United States department of agriculture, who say the bark will be used to make sweet-birch oil, a substitute for oil of wintergreen largely used for medicinal purposes and for flavoring. The foresters say that the birch is not a very desirable tree in the southern mountains. It can seldom be sold for lumber, occupies ground that would support more valuable timber, and consequently they are glad of an opportunity to dispose of it.

**WHEN YOU BUY—GET A KROESCHELL
"THE BOILER OF UNEQUALLED FUEL ECONOMY"
BUY DIRECT—FROM—FACTORY—TO—USER PRICES**

**NOT
CAST
IRON**



**NOT
CAST
IRON**

READ WHAT THE USERS SAY:

FIRST LETTER.

Walton, N. Y., Jan. 4, 1916.

Gentlemen:—Your New No. 46 Water Tube Steam Boiler is the finest steam boiler we have ever fired, and have fired eleven different makes before. Your boiler keeps steam from 9:00 p. m. to 6:00 a. m., without attention on zero nights. Before we had three boilers and could not control temperatures so easily as we can with yours. The little time consumed in cleaning same is wonderful, and we are very well pleased. The water line is steady and it holds its steam well. If we ever install another boiler, you can rest assured it will be a Kroeschell. If I can be of any assistance to you in showing your boiler to anyone, would be pleased to do so, or if anyone in your locality wants local reference, I will gladly give same.

SECOND LETTER.

Walton, N. Y., Jan. 10, 1916.

Gentlemen:—Since writing you on Jan. 4th, the other morning it went down to 4° below zero, and I fired the No. 46 boiler at 11:00 p. m.; had 10 lbs. of steam on with the draft half open, the houses all registering 48° to 52° and the No. 4 house 60°. We bricked in our boiler, so we lose no heat in the boiler room; we find it a great saving. Any other information cheerfully given.

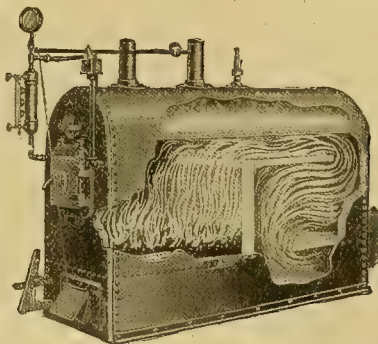
Yours respectfully,
(Signed)

TRIPP FLORAL CO.

The Kroeschell

is making the most wonderful greenhouse heating record in the world. Florists who have used other makes are constantly giving the Kroeschell the highest praise.

13,468,320 sq. ft. of glass was equipped with the Kroeschell Boiler during the past five years.



The Kroeschell

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For Steam, Hot Water, Vapor or Vacuum Heating Systems**

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LOUIS WITTBOLD,
President.

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— and —

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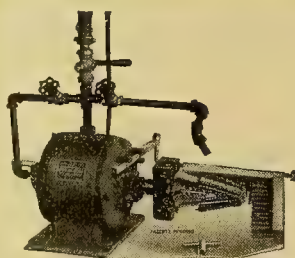
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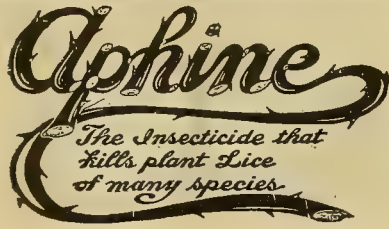
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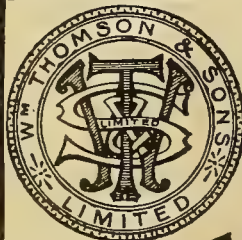
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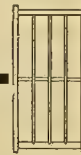
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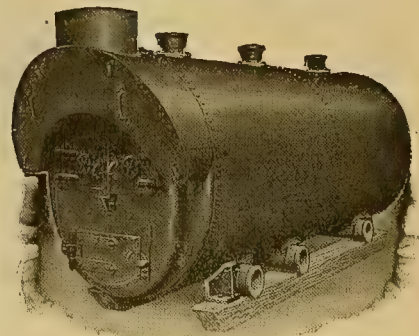
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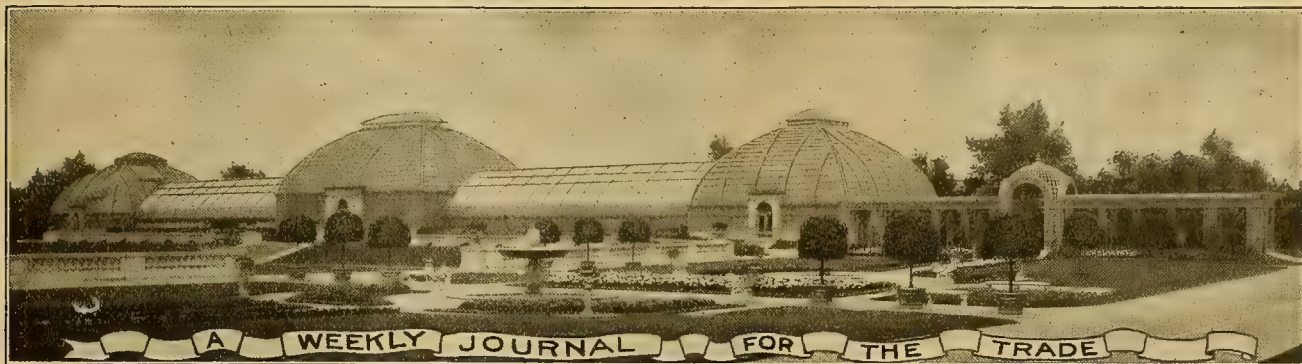
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Can't get along without
them. J. L. JOHNSON.
1000 for 35c; 3000 for \$1.00

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Galesburg, Ill.

THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

Vol. XLVII.

CHICAGO AND NEW YORK, AUGUST 19, 1916.

No. 1472

THE AMERICAN FLORIST

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under act of March 3, 1879.

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440 S. Dearborn St., Chicago.

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American Florist Co., 440 S. Dearborn St., Chicago.

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conventions at New York, August, 1917; St. Louis,
Mo., 1918.

ASSOCIATION OF AMERICAN CEMETERY SUPERINTENDENTS.

Thirtieth annual convention to be held at Nor-
folk, Va., August 22-24, 1916. JAS. WARREN JR.,
Providence, R. I., President; BELLET LAWSON,
JR., River Grove Ill. Sec'y-Treasurer.

AMERICAN DAHLIA SOCIETY.

Next annual meeting and exhibition, New
York, September 26-28, 1916. RICHARD VINCENT,
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DICK, 1426 Seventy-third Street, Brooklyn, N. Y.,
Secretary.

AMERICAN ROSE SOCIETY.

Next annual convention and exhibition, 1917.
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LOUIS J. REUTER, Westerly, R. I., Vice-President;
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AMERICAN ASSOCIATION OF PARK SUPERINTENDENTS.

Next annual meeting, New Orleans La., Octo-
ber 10-12, 1916. EMIL T. MISCHKE, Portland Ore.,
President; ROLAND COTEWILL, Park Depart-
ment, Seattle, Wash. Secretary-Treasurer.

CHRYSANthemUM SOCIETY OF AMERICA

Annual convention and exhibition at Phila-
delphia, Pa., November, 1916. WM. KLEINHEINZ,
Ogontz, Pa., President; C. W. JOHNSON, 2134 W.
10th Street, Chicago, Secretary

THE HOUSTON CONVENTION.

Next Conventions, New York, 1917; St. Louis, Mo., 1918.

OFFICERS FOR 1917:

President, R. C. Kerr, Houston, Tex.

Secretary, John Young, New York.

Vice-President, A. L. Miller, Jamaica, N. Y.

Treasurer, J. J. Hess, Omaha, Neb.

Convention Proceedings.

There was a good representative at-
tendance present when Vice-President
Kerr called the thirty-second annual
convention of the Society of American
Florists to order in the Auditorium,
August 15. Rev. W. S. Jacobs offered
the invocation and Mayor Campbell
welcomed the visitors, Wm. F. Gude,
of Washington, D. C., responding.
President MacRorie was then intro-
duced and delivered his address, the
reports of the secretary, treasurer and
chairmen of committees following. On
the motion of Wm. F. Gude, the va-
rious constitutional amendments were
adopted altogether without reading. In
the selection of cities for the next
two conventions, according to the
amended constitution, John Young
nominated New York for that of 1917
and E. C. Kerr nominated St. Louis
for the following year, the secretary
being instructed to cast ballots ac-
cordingly at the proper time.

President MacRorie's Address.

Ladies and Gentlemen:

It hardly seems a year ago that
our great national society sat in con-
vention at San Francisco. I distinctly
recall the genuine pleasure and the
pride that I experienced at that time;
the pleasure of seeing in the west so
many representative members of our
society, and the pride of being hon-
ored with a visit by men who had
traveled many thousands of miles
to further the interests of our organi-
zation. To you, brethren, in this
beautiful city of Houston. I bring
from California and the west the
hearty good wishes of all the craft.
Our brothers from the east, the north
and the middle west, by their presence
bespeak their loyalty. This convention
in Houston means a great victory to
you, and you should likewise feel a

pleasure and a pride in the work that
you have accomplished. It has not
been a simple matter to instill into
the minds of all our members the ne-
cessity of making our society in every
sense a national one, nor was it a
simple matter to bring this convention
to Houston, but when I look about me
and see this wonderful representation,
I feel that our efforts have not been
in vain. I feel that the south "knows
how" and I feel that the Society of
American Florists has acquired an
added power, the power of the "Spirit
of the South." We need that spirit
and we welcome it, and hope that it
will work with us, not only today, but
every day in the future.

With the advent of the first conven-
tion in the south, the S. A. F. has
opened a new chapter in its history,
and, of those here assembled in con-
vention I am sure that there is not
one member who is not fully convinced
that our move to this wonderful south-
ern field, was a move in the right
direction. It is my sincere desire that
the support from the south shall be
unwavering and constant. When I say
support, I allude partly to a platform
of increased membership. This has
been an issue of our society for several
years, and it is no less important to-
day than it has been in the past. It
is not so much the idea that any one
of us should distinguish himself by
bringing in a great number of new
members. Everyone of us individually
should exert himself to influence every
eligible person in his district with
whom he comes in contact to join our
national society. Our members num-
ber today about 2,900 and I hope that
before another year is over we can
boast of a membership of 3,000.
The effort of this increase should not
rest entirely upon the state vice-presi-
dents; it should be the effort of every
member individually.

It should not be necessary for me to expound to you the advantages to be gained by such an increased membership. Our usefulness as a national body increases as our membership increases. I would impress upon you particularly the fact, that when this convention is over, the work of enlargement in this southern territory continue with the same unity of purpose with which it started, for in such unity there is strength, and we need that strength to accomplish the work that lies before us, and to accrue those benefits which can only be accomplished by thorough organization. Although this is the first convention held in the south, it shall not be the last. As a national organization we must necessarily convene from time to time in all parts of the country, without discrimination, and our society should represent every man engaged in horticulture, whether he be from the north, the south, the east or the west.

Reviewing the divers matters that were brought before the executive board at its meeting in March of this year, I wish to say that I am heartily in accord with everything that has been set down, and touched upon by my predecessors, but would ask your indulgence, while I review some of the matters that have come up during my tenure of office.

NATIONAL FLOWER SHOWS.

The greatest and most successful undertaking in the history of our society was the national flower show of 1916. Philadelphia crowned herself with honors at that event. We cannot bestow upon Chairman Asmus and his able committees too much praise for the splendid work they accomplished in staging this exhibition, and we cannot overlook the co-operation of our subsidiary societies whose wonderful displays of roses, carnations and sweet peas made the show even more attractive, and whose special days brought many thousands of visitors through the gates who had already visited the exhibition. The total gate receipts, representing over one hundred thousand paid admissions, are an indication of how wonderful the displays were. I know that this show will pass into history as the greatest flower show ever held on the American continent. Taking the exhibition from every point of view I think that we must agree that the displays were far ahead of anything that has ever before been attempted.

At this point I wish to touch upon the advisability of holding our conventions on concurrent dates with the national flower shows; that is to say, I believe, that every second year our annual conventions could be held in March or in April, or at such a time as we decide to have our national flower show. The old idea that it would be impossible to secure a good attendance at our conventions at any other date than August, has not proved itself to be a fact. I observed with keen interest at the show in Philadelphia, that a great many representative men of our profession from all parts of the United States and Canada were present. It is just this material that is wanted at our national conventions. To me the national flower show had more of the convention spirit than many of the conventions that I have attended. At this show we all concentrated our



R. C. KERR.

President-Elect Society of American Florists.

thoughts on the work that is common among us, and when we left we all felt that we had learned a great deal, that would help us in the future. I believe that the spring time is the logical time for our national exhibitions. A great factor in making a national show a success in the spring time is the fact that all humanity awakens with a keen appreciation of the beautiful, after a long season when plant life has been practically dormant. Just as the flowers burst forth to welcome the sunshine of the spring, so the spirit of human nature bursts forth with a keen appreciation and eager desire to see and enjoy the beauties of nature. There are many matters of interest that appertain to our work that are called to our attention at national flower shows. These matters could be taken up while we are in convention and I believe that the immediate benefits that would be derived by discussion and through the comparison of notes, would be of far more benefit to us than the social programmes which of late years have been characterizing our August conventions. There are undoubtedly from six to eight large cities in the United States where the national flower shows could be held and where they would be very successful. With this number of cities to draw on, a number of years would naturally elapse before we would complete our circuit and no

one city would ever be burdened with a succession of shows. In the smaller cities where we could convene on alternate years, it should be the privilege of the host-city to set the date for the convention, for when a man invites a guest to his home he aims to have it at its very best; so the convention city should also have that privilege.

Before I leave the matter of conventions I want to say that I have noted in past years that there has been a decided tendency to indulge in extended social programmes. This, of course, has been very pleasant, and duly appreciated, but it seems that we are in a measure losing the purpose for which we assemble. Our conventions are primarily for trade benefits, and much of the time that is given to entertainment could be utilized for better purposes. Many of the smaller cities that would be glad to have a convention hesitate because of the expense of entertaining our members, and this condition should not exist, for our purpose as a national society is the promotion of the great work that lies before us. I would, therefore, urge the board of directors to carefully weigh these matters: First, the joint sessions of the national flower show and the annual convention on every second year. Second, the elimination of elaborate entertainment at annual



A. L. MILLER.

Vice-President-Elect Society of American Florists

conventions, and a strict adherence to matters that will be of trade benefit.

CONVENTION GARDENS.

Another instructive feature of our conventions is the "Convention Garden." The merits of such displays have been well outlined by my predecessors, Theodore Wirth and Patrick Welch, and I heartily agree with them in their views.

SCHOOL GARDENS.

Still another phase of our work toward which I would direct your attention is the promotion of an interest in school gardens. We all know that the love of flowers is indicative of the highest form of civilization, and it is the mission of every member of the S. A. F. to help to instill the love of flowers and plant life in the hearts of the young. I do not think that we fully realize the extent of the influence toward the moral uplift and esthetic development that is due to the love and appreciation of flowers, and I would, therefore, urge that the society give its fullest support toward the promotion of the school gardens. I hope that every member of this society has read with interest the excellent report of our school garden committee of 1915. This committee must have stimulated a great interest in school gardens throughout the country. However, our work does not end there. Further-reaching influence can be exerted by parental oversight and

encouragement. It is, therefore, also an individual duty of all members of school gardening by wisely administering the society to aid in the promotion of encouragement and interest in the work of our children, for, in the end, this work of beautification is our chief vocation.

PERMANENT SECRETARYSHIP.

I would ask you to review with me also a matter that for the past months has been of considerable concern to me. I have noted that as our society grows the administrative work also assumes larger proportions. I believe that we are now large enough to have a secretary who devotes his entire time toward the furtherance of our interests. I believe that such a man should have no other business enterprises to occupy his mind. I would recommend that we make the office of secretary one with sufficient remuneration to keep a man who can devote his entire time toward the promotion of our interests. There will be no lack of work for such a man. He will be constantly occupied, promoting the interests of the society. Should the convention and national flower show fall on concurrent dates, our secretary would have the two-fold duty of attending to matters appertaining to both the convention and the flower show. I wish, therefore, that the society would consider very carefully the expediency of adopting the above

suggestion. This office should not be a temporary one, and there should be some way of establishing its permanency. We all know that the work accomplished by our society is just as much, if not more, due to the efforts of the secretary as it is to the president or the board of directors, as the man holding this office acts as a helmsman and should be fully qualified to handle these affairs, and his mind should be on our work at all times. It seems to me that if this were the case, the long dormant period that our society passes through from the date of one convention to the date of another will become a period of activity and promotion. To be a successful society we must always be active. I do not wish my remarks to be construed as in any manner criticizing our present secretary. He has discharged the duties of his office with the greatest efficiency and fidelity. We have been very fortunate to have had the services of so able a man as the present incumbent, John Young. I simply believe that it would be to the interest of all of us that this official, whoever he may be, should be in a position to devote his undivided attention to the society.

MOTHERS' DAY.

At the last executive meeting of our society it was decided that a collection be made from our members from different parts of the country. The moneys obtained were to be used by Miss Anna Jarvis for the furtherance of her good work—the promotion of Mothers' day. This act, I believe, was a good one, for Mothers' day has become universally recognized throughout the country, and it is up to the florists to continue to advertise and promote the work that has been so well begun. However, while I myself approved such contributions to Miss Jarvis, I do not believe that such a method of securing funds for this work is effective or business-like. As soon as the fund so accrued is depleted, the work will naturally discontinue and we, as a society, are here to perpetuate Mothers' day. I would, therefore, recommend that this organization appoint a permanent committee whose duty it will be to constantly stimulate interest in Mothers' day, and I would suggest that this committee look into the matter of securing a permanent fund to promote this work. As regards a suitable flower, emblematic of Mothers' day, will say that considerable discussion was given to this matter at the convention in San Francisco. It was the consensus of opinion that the society should advocate the use of the white flower for the mother who has passed away, and flowers of any color for the mother living.

OUR LATE TREASURER.

Before closing I wish to say a word of praise for the dear brother whom we have been unfortunate enough to lose in the last year. On Thursday, June 15, our beloved treasurer, William F. Kasting, was taken from us. Our society lost one of its most ardent champions and we all lost a very dear friend. It is not necessary for me to review all of the good work that Mr. Kasting performed as his work was made known to all of us. Although he had many duties to perform he never begrudged his time or his services. Earnest, conscientious, far-sighted, outspoken as an opponent, a character with a strong sense of the

courage of his convictions, loyal as a friend and generous, his memory will always remain dear to every member of our society.

CONCLUSION.

In conclusion, as president of this organization, I want to thank the various committees who have worked with me during the year in carrying out their duties, and I want to thank every individual member who has shown an interest in our work, and who has given his support to our institution. There is no more charming art or occupation than that of horticulture; there is no vocation more conducive to human welfare than our own. Let us, therefore, unite our efforts toward making the Society of American Florists greater and more glorious.

Ladies and gentlemen, I thank you for your kind attention and hope it will not be many years before we again enjoy the unbounded hospitality of the south.

Secretary Young's Report.

SUBSTANTIAL INCREASE IN MEMBERSHIP.

It is pleasing to be able to report to you that in point of membership our society is stronger than a year ago. This condition should incite gratification, the more because our convention of last year was held in a city remotely west, and our gathering this year takes place in a city almost equally remote to the south. Our convention last year was the means of our securing a large and valuable addition to our membership, our rolls at the close of 1915 showing an increase in the state of California alone of 112 members in good standing. There is every reason to believe that the convention of this year will result also in a substantial influx of members.

The following have sent in one or more names for membership from January 1 to July 1, 1916:

Secretary's office	61
W. J. Keimel, director.....	40
R. C. Kerr, vice-president.....	10
Florists' Telegraph Delivery.....	14
C. L. Baum, director.....	7
Frank Steinbach, state vice-president.....	6
J. J. Hess, state vice-president.....	3
J. H. Pepper, state vice-president.....	3
Lon Foster, state vice-president.....	2
H. C. Neubrand, state vice-president.....	2
American Dahlia Society.....	1
W. R. Nicholson, state vice-president.....	1
George Schulz, state vice-president.....	1
J. R. Von Bochove.....	1
J. A. Peterson.....	1
A. A. Niessen.....	1
M. Mills.....	1
Charles Plumb.....	1
George Hildenbrand.....	1
Florists' Hail Association.....	1
Robert Shock.....	1

OUR CONVENTIONS.

Our conventions continue to hold the interest of the trade at large, and friendly competition for the honor of taking care of a convention is still keen, as may be judged from the fact that there are likely to be several invitations for the 1917 convention. There is noticeable, however, very generally throughout our ranks a desire to eliminate much of the entertainment which has of recent years characterized our conventions. Our membership is now so large that the attendance at some of our gatherings is much too great to allow of the extension of the hospitality which many cities would consider as befitting the occasion, and the expense and work incident thereto is necessarily such as to deter many cities from attempting to assume the role of "host." Our

hosts in the south have recognized this sentiment and have established a precedent which is worthy of continual observance, by cutting out all extravagant entertainment and arranging a simple yet most enjoyable series of trips and functions which shall not in any way tend to diminish the attendance at our business sessions, or through expense create a burden the carrying of which might prove embarrassing in many ways.

PROPOSED CHANGE IN BY-LAWS.

At the present convention the society is to act upon several changes in our by-laws affecting the policy hitherto followed in the conduct of



Frank Stuppy, St. Joseph, Mo..
Elected Director Society of American Florists.

our affairs. These changes have been thoroughly considered by our executive board and endorsed by that body as tending to the better and more equitable conduct of our work.

It will be noticed that through the affiliation plan now incorporated in our by-laws our executive board is greatly increased in size, lending greater strength to its deliberations and work. It should be the object of many more clubs and societies to so increase their membership in this society as to enable them to obtain seats upon our board, and thus extend the usefulness of our organization and increase the value of its work along horticultural lines.

The establishment of the committees on convention garden, proposed bureau of collections and credits, publicity, and American products may naturally be expected to result in action which should prove highly conducive to the general welfare of the trade. State vice-presidents, by explaining the work expected of these committees, should be able to induce many florists not at present conversant with our work to join our society. In this connection I would invite state vice-presidents to more closely co-operate with the secretary's office in the work of extending our membership. While the secretary during this year has sent out numerous appeals to florists in the different

states, necessitating considerable expense and much labor, the response has not been as great as expected. The influence of our state representatives should be highly effective in this work, especially when exercised in a personal way, and any assistance the secretary is able to give in furthering it is at all times available. Although through the growth of the society and the extension of its plans the work of the secretary's office has been greatly increased, requests from other officers for assistance in their work will have immediate and cheerful attention.

MOTHERS' DAY.

Considerable interest has been shown by our members in the work of the International Mothers' Day Association, which is headed by Miss Anna Jarvis, the originator of Mothers' day, and, as will be seen by the published list, a substantial fund has been raised for the use of Miss Jarvis in the prosecution of her work. It is to be regretted that the movement to raise a fund had inception with more than one organization, but it may be that the organizations acting as sponsors for the fund may another year arrange matters so that the work of all bodies may be in harmony.

TRADE EXHIBITION.

While our trade exhibition this year is most commendable, it has suffered somewhat in its extent owing to distance from eastern markets, with resultant high transportation charges. The great European war, too, is still responsible for the diminishment of exhibits of the novelties of foreign manufacture which for many years have helped our displays.

NATIONAL FLOWER SHOW.

Our National Flower Show, which was inaugurated at Philadelphia last March, proved to be a huge success. Chairman George Asmus, of the National Flower Show Committee, in the report which he will make to the convention, will deal with the work incident to the preparations for the show and the results accomplished. The society is to be congratulated upon having for the fourth time successfully organized and carried out an exhibition showing the advance of horticulture in America, an exhibition eclipsing all predecessors.

NECROLOGY.

We have lost through death:

Edwin Lonsdale (life), Sept. 1, 1915.
W. Atlee Burpee (life), Nov. 26, 1915.
Wm. Murphy, Sept. 27, 1915.
Frederick W. Breunig, Feb. 25, 1915.
Albert McCullough (pioneer), Jan. 13, 1916.
Robert Haentze (life), May 5, 1916.
Max Rudolph, Feb. 22, 1916.
Conrad Bergstermann, Feb. 20, 1916.
William Young, Nov. 11, 1916.
Jos. E. Cunningham, March 4, 1916.
August Kreuger (life), March 3, 1916.
Wm. F. Kasting (life), June 15, 1916.
Walter P. Stokes (life), July 1, 1916.
Wm. Tricker, July 11, 1916.
John W. Poehlmann, July 14, 1916.

It is with profound regret that in this list I have to chronicle the death of three more than ordinarily prominent members of our trade: Edwin Lonsdale, W. Atlee Burpee and William F. Kasting.

Edwin Lonsdale was a past president of our society, and for one year served as its secretary. He was a pioneer member, and keenly interested in our organization. His services were at all times available in any work of the society in which his knowledge

and skill were of use, and he gave them unstintingly, officially or otherwise. His willingness to help a fellow member whenever possible to solve horticultural problems was heartily appreciated, and he will be greatly missed by many of us who have sought his counsel.

W. Atlee Burpee was a life member, his membership dating from 1886, the second year of the society's existence. He took a great interest in the society's affairs, and gave evidence of his interest by his earnest support of everything tending to advance our work. He was one of the most widely known members of our organization, and his delightful personality endeared him to all who came in contact with him.

In the death of William F. Kasting, our late highly esteemed treasurer, our society sustains a great loss. His sudden demise on June 15 came as a shock to us all. Few there are in the society who did not know him, and expressions of sorrow at the time he was called away were general. His interest in the affairs of our society was most intense in character, and his counsel was sought in all our plans and projects. He was a life member, and served as president in 1906. His efficient services as our treasurer for several years have played an important part in our advancement, and his business sagacity was ever a protection to us against unwise investment. We shall miss him for his companionship and his business acumen, both of which we could ill afford to lose.

PLANT REGISTRATION.

The following plants have been registered since the last convention:

No. 629—Dec. 4, 1915. Canna Lafayette, by Conard & Jones Co., West Grove, Pa.

No. 630—Dec. 4, 1915. Canna Windmar, by Conard & Jones Co., West Grove, Pa.

No. 631—Jan. 1, 1916. Cattleya Percivaliana Roeblingiana, by Lager & Hurrell, Summit, N. J.

No. 632—Jan. 15, 1916. Cattleya Percivaliana Aurora, by Lager & Hurrell, Summit, N. J.

No. 633—Jan. 15, 1915. Cattleya Percivaliana Spectabile, by Lager & Hurrell, Summit, N. J.

No. 634—Jan. 15, 1916. Cattleya Percivaliana Resplendens, by Lager & Hurrell, Summit, N. J.

No. 635—Jan. 15, 1916. Cattleya Percivaliana Stanley Ranger, by Lager & Hurrell, Summit, N. J.

No. 636—Jan. 15, 1916. Cattleya Percivaliana Spectabile, by Lager & Hurrell, Summit, N. J.

No. 637—Jan. 15, 1916. Cattleya Percivaliana Grandiflora, by Lager & Hurrell, Summit, N. J.

No. 638—Jan. 15, 1916. Cattleya Percivaliana Gigantea, by Lager & Hurrell, Summit, N. J.

No. 639—Jan. 15, 1916. Cattleya Percivaliana Expansa, by Lager & Hurrell, Summit, N. J.

No. 640—Jan. 15, 1916. Cattleya Percivaliana Antropurpurea, by Lager & Hurrell, Summit, N. J.

No. 641—Jan. 15, 1916. Cattleya Percivaliana Oreol, by Lager & Hurrell, Summit, N. J.

No. 642—March 11, 1916. Rose Bedford Belle, by Bedford Flower Co., Bedford Hills, N. Y.

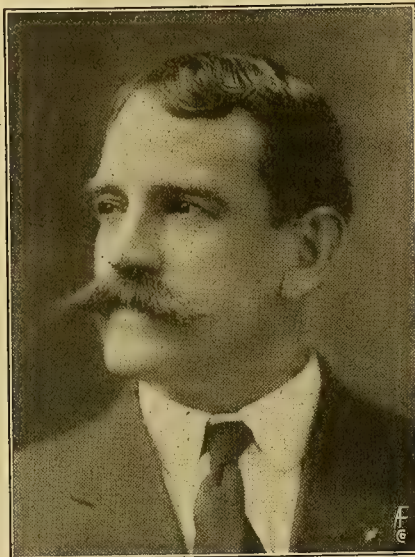
No. 643—May 27, 1916. Freesia Splendens, by Rudolph Fischer, San Gabriel, Calif.

No. 644—July 8, 1916. Salvia Elizabeth Dunbar, by John Dunbar, Rochester, N. Y.

MEDALS.

Silver Medal awarded Bassett & Washburn, Chicago, for Carnation Belle Washburn, Jan. 26, 1916.

Bronze Medal awarded Charles Weber for Carnation Laura Weber, Jan. 26, 1916.



Geo. W. Hess, Washington, D. C.
Elected Director Society of American Florists.

FINANCIAL STATEMENT.

Receipts.	
Dues, 1913—2 at \$3.00.....	\$ 6.00
Dues, 1914—10 at 3.00.....	30.00
Dues, 1915—37 at 3.00.....	111.00
Dues, 1916—789 at 3.00.....	2,367.00
Dues, 1917—8 at 3.00.....	24.00
Dues, 1918—1 at 3.00.....	3.00
Fees and dues, new members—160 at \$5.00.....	800.00
Life members—37 at \$25.00.....	925.00
Collection included with check.....	.10
Int., etc.	
Tri-State Loan & Trust Co—Account	
Dunkelberg mortgage.....	125.00
Tri-State Loan & Trust Co.....	65.97
	\$4,457.07
Remitted to Wm. F. Kasting, Treasurer:	
General Fund.....	\$3,043.10
Permanent Fund.....	1,090.97
Cash on hand.....	323.00
	\$4,457.07

SUBSCRIBERS TO MOTHERS' DAY FUND.	
V. Burgevin, Inc., Kingston, N. Y.....	\$ 5.00
John G. Esler, Saddle River, N. J.....	5.00
H. F. A. Lange Est., Worcester, Mass.....	10.00
Wm. A. Phillips, Brooklyn, N. Y.....	5.00
Egg Harbor Flr. Shop, Atlantic City.....	2.00
Otto Rice, Sapulpa, Okla.....	5.00
Chas. F. Mueller, Wichita, Kans.....	10.00
Randalls' Flower Shop, Worcester, Mass.....	10.00
Holtzen & Hunkel Co., Milwaukee, Wis.....	10.00
De Witt House, Florence, S. C.....	1.00
Butz Bros., New Castle, Pa.....	5.00
Stielow Bros. Co., Niles Center, Ill.....	5.00
L. S. Donaldson Co., Minneapolis, Minn.....	5.00
Wendland & Keimel Co., Elmhurst, Ill.....	50.00
I. V. Kinder, Charleroi, Pa.....	1.00
Idle Hour Nurseries, Macon, Ga.....	10.00
Joseph Heacock Co., Wyncote, Pa.....	5.00
Oscar Lion, New York.....	5.00
J. N. Champion, New Haven, Conn.....	5.00
Robt Koehne, New York.....	5.00
John Breitmeyer's Sons, Detroit, Mich.....	10.00
A. S. Burns, Jr., Spring Valley, N. Y.....	10.00

Harry Ehrhardt, Sidney, Ohio.....	1.00
Joy Floral Co., Nashville, Tenn.....	10.00
Geo. R. Clark, Scranton, Pa.....	5.00
The Flower Shop, Pittsfield, Mass.....	5.00
Edward Reid, Philadelphia, Pa.....	5.00
D. M. Tipton, Little Rock, Ark.....	3.00
C. H. Green, Fremont, Neb.....	5.00
Holm & Olson, Inc., St. Paul, Minn.....	5.00
E. C. Ludwig Flower Co., Pittsburg, Pa.....	5.00
Furrow & Co., Guthrie, Okla.....	10.00
Clifford E. Larzeriere, Philadelphia, Pa.....	5.00
Henry Eichholz, Waynesboro, Pa.....	2.00
Brooklawn Conservtr's Bridgeport, Conn.....	3.00
Miller & Sons, Toronto, Ont.....	5.00
H. F. Winter, Charleston, W. Va.....	2.50
Ed. Gernaey, Montreal, Que.....	5.00
The Florex Gardens, North Wales, Pa.....	10.00
A. Washburn & Sons, Bloomington, Ill.....	5.00
G. M. Thost, De Soto, Mo.....	2.50
Thos. Roland, Nahant, Mass.....	5.00
Emil Buettner, Park Ridge, Ill.....	25.00
J. W. Dudley Sons Co., Pk'rsb'g, W. Va.....	25.00
C. Loveridge, Peoria, Ill.....	10.00
Grimm & Gorly, St. Louis, Mo.....	5.00
Gustave Bartholme, Syracuse, N. Y.....	1.00
John Held, St. Louis, Mo.....	2.00
W. B. Perry, Cresco, Iowa.....	1.00
W. W. Willmore, Denver, Colo.....	1.00
F. J. Willmore, St. Louis, Mo.....	1.00
Max Schling, New York.....	5.00
Hess & Swoboda, Omaha, Neb.....	50.00
Emil Glauber, Montclair, Colo.....	2.50
B. Katzwinkle, Mendota, Ill.....	3.00
G. F. Kneipp, Chatham, N. J.....	5.00
W. T. Symonds & Sons, Decorah, Iowa.....	2.00
John H. Dunlop, Toronto, Ont.....	10.00
W. B. Paterson, Montgomery, Ala.....	2.00
R. D. Wilson, Montgomery, Ala.....	2.00
J. H. Patterson, Montgomery, Ala.....	2.00
Mills, The Florist, Jacksonville, Fla.....	5.00
Dale Estate, Brampton, Ont.....	2.00
Archias Floral Co., Sedalia, Mo.....	1.00
J. B. Paterson, Montgomery, Ala.....	2.00
W. B. Paterson, Jr., Montgomery, Ala.....	2.00
A. Jablonsky, Olivette, Mo.....	2.00
Herman Komitsch, Secaucus, N. J.....	5.00
C. S. Ford, Philadelphia, Pa.....	1.00
Gustave A. Pohl, Milwaukee, Wis.....	5.00
Wm. F. Gude, Washington, D. C.....	20.00
The Stiles Co., Oklahoma City, Okla.....	2.50
Richard Diener, Kentville, Calif.....	1.00
James Tulis, South Sudbury, Mass.....	5.00
W. H. Sievers, Buffalo, N. Y.....	10.00
Eric James, Oakland, Calif.....	5.00
F. B. Abrams, Blue Point, N. Y.....	10.00
The Albany Florists' Club, Albany, N. Y.....	10.00
Jacob Schultz Co., Louisville, Ky.....	5.00
The Park Floral Co., Denver, Colo.....	10.00
J. D. Thompson Carnation Co., Joliet, Ill.....	5.00
U. S. Cut Flower Co., Elmira, N. Y.....	5.00
Nic. Zweifel, Milwaukee, Wis.....	5.00
Ernst W. Mack, Cincinnati, Ohio.....	5.00
H. H. Ritter, Dayton, Ohio.....	2.00
Wm. Wichtendahl, Maywood, Ill.....	1.00
Louis Knopf, Richmond, Ind.....	2.00
Mary A. Hartnett, Grand Rapids, Mich.....	2.00
MacRorie & McLaren Co., San Francisco	25.00
Jos. Traudt, Canajoharie, N. Y.....	3.00
Wm. O. Jahn, Bridgewater, Mass.....	2.00
A. M. Coe, North Olmstead, Ohio.....	4.00
John Steidl, Olivette, Mo.....	2.00
The Lamborn Floral Co., Alliance, Ohio.....	5.00
McCallum Co., Pittsburg, Pa.....	3.00
W. W. Sterzing, St. Louis, Mo.....	1.00
Thos. Capers, Wellesley Hills, Mass.....	2.00
C. B. Johnson, Woburn, Mass.....	2.00
Ed. R. Tanch, Marquette, Mich.....	2.00
Wm. L. Rock Flwr. Co., Kan's City, Mo.....	10.00
W. J. Pilcher, St. Louis, Mo.....	3.00
	\$634.00

Treasurer's Report.

Treasurer Hess presented the following report received from the auditor at Buffalo, N. Y.:

PERMANENT FUND.

Dunkelberg Bond and Mortgage.....	\$5,000.00
City and Sub. Realty Co. 1,500.00	
Germania Sav. Bank, Pittsburgh.....	770.42
Peoples Bank, Buffalo.....	8,222.80
Am. Savings Bank, Buffalo.....	4,422.22
Bankers Trust Co., Buffalo.....	1,299.95
Interest allowed on General fund.....	235.41
	\$21,450.80

GENERAL FUND.

Am. Saving Bank, Buffalo.....	\$4,800.70
Ger.-Am. Bank, Buffalo.....	3,647.85
Peoples Bank, Saving acct.....	4,662.49
Peoples Bank, checking acct.....	8,770.18
Less interest credited to permanent fund.....	235.41
	\$43,096.61

NATIONAL FLOWER SHOW FUND.

M. & T. Natl Bank, Buffalo.....	\$1,687.58
Rittenhouse Trust Co., Phila.....	4,416.55
	\$6,104.13
Total.....	\$49,200.74

Tariff and Legislation Committee Report.

Many matters have been brought to the attention of this committee affecting the different branches of our profession. Early in the year the matter of postage on catalogues and circulars was taken up at the request of several of the large mail order seed houses. The request made was not for a reduction in postage, but simply for permission to mail circulars and catalogues at the pound rate irrespective of zone, at the same rate that now pertains to the mailing of catalogues. The bill was introduced in the United States Senate to bring relief to the members requesting this change, but after conferring with the powers that be, it was found, to have this permission granted might materially affect other lines of business, as well as our own, adversely, and, we, therefore, decided not to press the matter.

Mail censorship.—During the spring months a serious condition menaced the interests of importing florists by reason of the British censorship of the mails. The consular invoices and bills of lading were removed by the censors from the ships bringing the goods, and without the documents these perishable shipments could not be released or removed from the docks. As cables were suppressed, and no relief from this intolerable condition was in sight, your committee interviewed the state department officials, also the British embassy, with the results that arrangements were made whereby such important documents would be in future placed in a separate mail bag and would not be removed by the British censors with ordinary mail.

Freight embargo.—As a result of the withholding of shipping documents by the censors, large shipments of perishable freight accumulated on the docks at the ports of entry—causing a tremendous freight congestion. In the effort to relieve this blockade, the railroads embargoed all outgoing and incoming freight from the terminals, which made it impossible to forward freight after it was released by the receipt of the delayed shipping documents. In this crisis your committee interviewed railroad officials, and as a result of its action the railroads were ordered to lift the blockade as applied to shipments of Holland and Belgian plants which were then arriving in large volume.

Belgian shipments.—Your committee is able to report that in most instances permits have been given by the British and German governments to Belgian shippers, and that unless some unforeseen difficulty develops, the fall shipment of azaleas, etc., will arrive from Belgium on schedule time from Rotterdam.

Joint resolution.—To efficiently recognize a floral emblem for the United States of America—Whereas, the United States of America has no national flower, and the adoption of the mountain laurel would open up a wide field of interest for artists in many lines of creative and original work. It is in bloom on three of our greatest national holidays—Independence day, Memorial day, and Flag day. Its flowers are red and white, two of the colors in our flag, the red for courage, the white for purity, and the leaves, combining as they do yellow for wisdom and blue for truth, blended together, forming the green, fruitful-

ness, are surely typical of our country. The seed pod on opening forms a perfect five-pointed star. The flower is wonderfully formed like a chalice, with five delicately curved edges, the blossoms clustered together like the constellation of the states, and would mean "The Union Forever"; Now, therefore, be it,

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That on and after the approval of this resolution the official and recognized floral emblem of the United States of America shall be the flower commonly known as the mountain laurel.

The foregoing joint resolution which was introduced in the House of



Mrs. Charles H. Maynard, Akron, O.
See'y-Elect Ladies' Society of American Florists

Representatives, June 1, 1916, will, if enacted into a law, make the mountain laurel the national flower of the United States of America. Your committee immediately requested the introducer of the resolution not to push the bill until this organization could pass upon it. We were assured that every opportunity would be afforded this organization to file its recommendation in the matter. We also asked the horticultural press to give this matter wide publicity, and to request suggestions for or against the resolution. In every instance, except one, the replies were in favor of the mountain laurel as the national flower. We might further state that as far back as 1881 the mountain laurel was advanced as a national flower, but no official action has been taken. We, therefore, ask for an endorsement of the joint resolutions above referred to, and that your committee be instructed to cooperate with our legislators at Washington along said lines.

We also ask the endorsement of this association of Senate bill No. 6227 to increase the area of the botanical gardens of the city of Washington, D. C. The bill on file provides for the taking in of East Seaton park and West Seaton park, bounded by Third and Sixth streets, and Maine and Missouri avenues. If the above bill becomes a law, we will in time have a botanical garden worthy of the national capital of the United States.

Unfair competition or "anti-dumping" law.—There is now before Congress a so-called unfair-competition or "anti-dumping" law to prohibit the sale in the United States of foreign goods at prices substantially below the prices prevailing in the country of origin. In reference to the above matter, the enactment of this law would materially benefit the legitimate florist and dealer who as a rule, buys his goods at a fair market price and expects to pay for them, inasmuch as the bill before Congress prohibits the dumping on American markets of goods to be sold at public auction, particularly, surplus bulbs and nursery stock which is annually offered in the United States. Your committee has therefore done what they could in personal interviews and have sent copies of the following letter to the members of the finance committee having the matter in charge:

WASHINGTON, D. C.,
July 29th, 1916.

HON. F. M. SIMMONS, Chairman,
Finance Committee, U. S. Senate,
Washington, D. C.

Gentlemen:

As national representative of the Society of American Florists, I wish to endorse Title VII—"Unfair Competition," contained in the so-called "General Revenue Bill," now under consideration by your committee, and to urge that Title VII be favorably recommended to and adopted by the Senate in its present form. In this provision we see protection from unfair competition, of a type not generally known—where foreign producers of the various kinds of nursery stock, (bulbs in particular) sell to growers in the United States on individual orders at ruling market prices, only to later "dump" into the auction houses, the same class of merchandise at much lower price. Then there arises in respect to these a competition, unfair and detrimental to our interests.

WILLIAM F. GUDE, Chairman,
JAMES MCHUTCHINSON,
*WM. F. KASTING,
WM. H. SIEBRECHT, JR.,
R. M. WARD,
JULIUS ROEHRIS.

* Deceased.

Washington Representative's Report.

The last year has been a busy one for the Washington representative. While there are no specific duties to be performed by that officer, there are daily calls to answer questions, both locally and by mail, on all manner of propositions, and also to contribute such information as he can to all members of the S. A. F. seeking the same. He is particularly called upon to assist the various committees. There has been much legislation under discussion in Congress during the past year affecting our industry, such as the unfair competition or anti-dumping law, mail censorship, freight embargo, a bill to enlarge the botanical garden at Washington, D. C., and also a bill making the mountain laurel the national flower of the United States. Other matters also have been brought to my attention, all of which have been dealt with through the proper committees, and will be reported on later at this session.

The rose gardens at the Arlington experimental farm are progressing nicely. While they have not advanced as rapidly as we had hoped, yet they



Mrs. John Vallance, Oakland, Calif.
President Ladies' Society of American Florists.



Mrs. George W. Smith, Cleveland, O.
Secretary Ladies' Society of American Florists.



Mrs. W. W. Coles, Kokomo, Ind.
Vice-Pres. Ladies' Society of American Florists.

promise to be in fine shape in another year or two. We have to date 687 varieties of roses in this rose test garden, including many from "foreign countries, Germany, France and Ireland, and a consignment in the latter part of July from Australia. This is as it should be, and we hope our friends and fellow-florists from all parts of the world will continue to send roses for this garden. Again, we ask that anyone having new stock to be tested or any varieties of roses that are not already planted in the test gardens at Washington, D. C., contribute such plants to the department of agriculture, which will have them properly placed and tested. This particular garden is for the benefit of all the members of this society, and in due time will prove of untold value to all concerned. Your committee also urges that wherever practical, names for all plants, and particularly roses, be confined to two words.

It is pleasing to note that at the national capital the parks and school grounds are being more and more embellished with artistic planting, beautiful flowers and shrubbery, all of which tend to create a love for the beautiful, not only for the residents of Washington, but to the thousands of visitors who come to the national capital annually from every section. A notable step in the right direction was taken May 31 by the introduction in the Senate of the United States by Mr. Gallinger, of a bill to increase the area of the United States botanical garden in the city of Washington. The bill provides for adding about 20 acres of ground to the present site of the botanical garden. After thorough consideration by men qualified to know, this would seem to be the proper place for the botanical garden. To remove it five or six miles from the present location, where it would be inaccessible to the many thousands who visit Washington each year, would be most unwise, yet such a move has been advocated. We hope the bill will pass at this session; at any rate, it would be in order for this body to stamp its approval upon such course.

Business in all lines and branches in the national capital during the past



Mrs. A. M. Herr, Lancaster, Pa.
Treasurer Ladies' Society of American Florists.

year has been generally good, and the reports from all sections of the country indicate that business has improved wonderfully, and that brighter days are in store for the florists and their profession.

WM. F. GUDE.

Smith Memorial Committee Report.

Your committee has been rather inactive the past year on account of matters pending before the national government on measures now under consideration, which might materially affect the form that the memorial to the late Wm. R. Smith should take. Your committee has therefore deemed it best to go slow with the matter and asks to be continued.

We have in bank in the Munsey Trust Company, Washington, D. C., to the credit of the Wm. R. Smith Memorial fund,\$1,778.44
Pledges outstanding 625.00

WM. F. GUDE, Chairman.

Publicity Committee Report.

In view of the impossibility of holding a majority committee meeting at Philadelphia this spring or since that time, the chairman wishes to submit the following: J. H. Pepper was engaged under the supervision of John Young, secretary, as per the instructions of the directors of the Society of American Florists. He has written and disseminated numerous articles for Mothers' day, Memorial day and for special features, such as new roses, carnations and other meritorious commodities. These were distributed to the leading papers of the country and responses from the editors showed that a great many of them were being used. It soon became evident to the chairman of the committee that as the matter of publicity was such a big undertaking, it was best to go slowly and not waste any funds of the parent organization. Mr. Pepper submitted numerous plans for national advertising, but as many of them were necessarily expensive, it was deemed best to submit the whole matter to the committee once more for maturity.

The start that has been made by our national body is certainly along good lines. There cannot be too much publicity or too much thought given this important topic, but the amount spent must compare with the returns gained therefrom. Of course every particular line of business thinks it ought to be exploited directly, but is it not true that if any one line is exploited, the others are sure to benefit in proportion? Many retailers in particular have expressed a desire for national advertising and are willing to contribute to a fund for this purpose. Albert Pochelon, secretary of the Florists' Telegraph Delivery, is at this time endeavoring to raise a special fund for advertising. Would it not be best for the S. A. F. to co-operate with the Florists' Telegraph Delivery and each of them devote a certain amount, say \$1,500 to \$2,000, for a common purpose? There is much doubt as to the advisability of direct advertising, as the expense is too great, but an unlimited amount of good can be accomplished by a

central bureau such as has been undertaken in a small way which would co-operate with the florists' clubs of the country, with the individuals of the S. A. F. and with the editors of the leading papers for indirect advertising.

The chairman at the request of Past-President Welch undertook the work simply for a start. He mentioned at that time that he would only undertake the same for a limited period and as it is impossible for him to devote the proper amount of attention, he begs leave to have someone else appointed in his place as chairman, but is perfectly willing to add his smaller part as a member of the committee.

The amount spent, \$190, is well accounted for in the matter of publicity received and accounted for by Mr. Pepper.

IRWIN BERTERMANN, Chairman,
J. C. VAUGHAN,
EDWARD P. TRACEY,
HENRY PENN.,
RALPH M. WARD.

School Gardens Committee Report.

The first suggestion that the Society of American Florists should interest itself in school gardening was made by Robert Farquhar of Boston, at the S. A. F. convention at Washington, D. C., in August, 1892. The practical value of this work has become recognized the country over because it is the means of inculcating into the habits of youth, industrial application of mind and bodily vigor, with the result of home benefit.

At the National Educational Association's convention held in New York in July last, special sessions were held by the School Garden Association of America, devoted to the reports from school workers in this line. The United States Commissioner of Education, Mr. Claxton, was present, as were representatives from Quebec and Ontario, and from the chief centers of population in the United States. On one of the programmes, allusion was made to the suggestive work of the Society of American Florists. Your committee the past year has carried out the plan of sending as usual a nicely illustrated circular letter to each of the departments of education in the states and territories, and to the school authorities of cities and towns wherever there is a member of the S. A. F. located.

There is this much certain; an interest in this work locally is good business for flower and seed trade. If the idea among the children is encouraged, it will grow until the United States will become the nation of pretty homes. One thing none of us should forget, and that is the value of initiative, for it is the characteristic that laid the foundation of Americanism. The florist in his home town can, with spare material, set an example of pretty home surroundings that no other tradesman can do so well, and these examples point the way and create a demand for flowers, seeds and shrubs. The many letters which have come to hand from these efforts relative to home gardening for children prove beyond question the general interest this work has, and it carries with it the truth—"On Earth Peace and Good Will toward Men."

BENJAMIN HAMMOND, Chairman,
IRWIN BERTERMANN,
MICHAEL BARKER,
LEONARD BARRON,
GUST. X. AMRHYN.

Report on Development of Am. Products.

In presenting my report as chairman of the Development of American Products committee, it is almost impossible for me to make an extensive report at this particular time, owing to the nature of the work to be undertaken. I have done considerable corresponding with the agricultural authorities at Washington, trying to secure their co-operation. They are, at the present time, doing good work in spreading this before the people who might be interested. Upon the occasion of a recent visit to Boston, in consultation with Mr. Shea and Professor E. H. Wilson, I went into this situation in detail, spending the best part of one-half day going over its many phases.

The problem that seems to confront the American producer, and particularly at this time, is that of American labor at its high price, competing against foreign labor. I am given to understand that C. W. Ward is making extensive experiments along these lines, particularly with the azalea, and I am also given to understand that numerous Pacific coast horticultural establishments are making extensive experiments on hybrid tea roses. Only recently, in conversation with C. H. Totty, he tells me that he is now experimenting to see whether these roses will be as efficient as the imported stock, since he maintains that through their system of irrigation the roots obtain unusually long lengths, and he is under the impression that if these roots will be curtailed it might affect them. So in reality the only report we can make at this particular time is, some progress.

H. P. KNOBLE, Chairman.
C. W. WARD,
E. H. WILSON.

Amendments to Constitution and By-Laws.

The following among the amendments to the constitution which were approved by the executive board at its meeting in March, 1916, were presented by the committee on constitution and by-laws, and adopted:

ARTICLE 5. MEETINGS.

The meeting places for the years 1917 and 1918 shall be selected by ballot, and at the meeting of 1917 and at every meeting thereafter, the meeting place for the second year following that meeting shall be so selected. The city applying for the meeting shall, with its written application, provide the free use of a place for the purposes of a convention garden, which place shall be available, if desired, from the early spring of the year before the meeting to the late fall of the year of the meeting.

The annual meeting shall be held on the third Tuesday of August in each year, except in such cases where the sections of the United States where the month of August is not considered the best time for the convention. The change in date will not be considered, however, unless a petition is sent by the convention city in time for the mid-lent meeting of the executive board and setting forth its reasons for such change in date. In such Mo., 89; Geo. W. Hess, Washington, D. C., '73; W. W. Coles, Kokomo, Ind., 45, electing the first two.

ART. 2. ELECTION OF DIRECTORS.

The president, first vice-president, secretary, treasurer, and two directors shall be elected by ballot at the annual meeting of the Society, and their term of office shall begin with the first day of January next succeeding the election. The term of office of the president, vice-president, secretary and treasurer shall be one year, and the term of office of the directors three years, or until their successors are duly elected and qualified. The president shall appoint on the first day of January of each year a representative at Washington, D. C., who shall as such also be a member of the board of directors, and whose term of office shall be for one year.

ART. 2. COMMITTEES.

(A) Standing committee on convention garden: The president assuming office January 1, 1917, shall appoint three members, one serving three years, one two years, and one one year. Each next elected president when taking office shall appoint one member to serve three years.

This committee shall have full charge of all convention garden arrangement work under the direction of the executive board. The members shall elect their own chairman, and shall be subject to the call of the president and the executive board.

(B) Publicity committee: The president assuming office January 1, 1917, shall appoint five members, one to serve five years, one four years, one three years, one two years, one one year. Each next elected president when taking office shall appoint one member to serve five years. The members shall elect their own chairman.

It shall be the duty of this committee to keep up an efficient campaign of proper horticultural and floricultural advertisement along educational and progressive lines, in trade papers, periodicals, and the press in general.

(C) American horticultural products committee: The president assuming office January 1, 1917, shall, and each next elected president upon taking office shall, appoint three members to serve one year.

It shall be the duty of this committee to advocate, induce, promote and assist in every possible way the production in this country of horticultural products now imported from foreign lands.

President's Reception.

President MacRorie's reception at the Rice hotel, Tuesday evening was a very pleasant affair, greatly enjoyed by everyone in attendance.

Wednesday's Proceedings.

The business at the Wednesday forenoon session was entirely routine, consisting of the presentation of various reports, including that of Chairman Asmus of the national flower show committee on the highly successful Philadelphia exhibition and John Dunbar's report as botanist. President MacRorie announced the following appointments:

Judges convention garden—A. L. Miller, J. A. Newsham, W. J. Baker, J. Manda and J. J. Hess.

Judges trade exhibits—W. F. Gude, Joseph Heacock, Frank Stuppy, P. A. Chopin and C. L. Baum.

Past President Welch telegraphed his best wishes for the success of the meeting, with regret of his inability to attend. President Bourdet of the St. Louis Florists' Club sent a message conveying appreciation of the society's action, and President James of the Pacific Coast Horticultural Society telegraphed greetings and best wishes.

Nomination of Officers.

Nominations for officers were made at the morning session, Wednesday, August 16, and resulted in the naming of R. C. Kerr, Houston, Tex., for president; A. L. Miller, Brooklyn, N. Y. for vice-president; John Young, New York, for secretary; J. J. Hess, Omaha, Neb., for treasurer; Frank Stuppy, St. Joseph, Mo., Geo. W. Hess, National Botanical Garden, Washington, D. C., and W. W. Coles, Kokomo, Ind., for directors, two to be elected.

National Flower Show Committee Report.

I have the honor to report that the Fourth National Flower Show, held at Philadelphia, March 25-April 2, was a success from every point of view. It was a success through the influence the society was able to exert among its local members, through its friends, in the trade and out of it, and through the kindly patronage of the thousands in and around Philadelphia interested in floriculture and horticulture. In comparison with previous exhibitions it showed a great advance in the realization of the possibilities attaching to such a show, your committee not failing to profit by the experiences resulting from the first three shows.

Foremost was the matter of organization, and to the extent of the ability of your committee this was made as perfect as to them seemed possible. It is most gratifying to be able to state that the local bodies established, nobly carried out the work assigned to them, working most harmoniously to the common end—success. Very long before the dates fixed for the show, it was realized that the space afforded by Convention hall, the only building in Philadelphia considered large enough for our project, was inadequate for our purpose, yet those in charge were not discouraged, and, by the conservative use of discretionary powers, a huge exhibition was housed which entailed little or no friction among the large numbers of exhibitors in the different sections. In this connection, the thanks of the committee are extended to those exhibitors in our trade section who cheerfully consented to the different changes in location of their displays made necessary by contraction of space in order that our exhibits in the competitive section might have due prominence.

Unfortunately for us, the laws in force in Philadelphia prevented a public opening of the show on the two Sundays during the show period, and we were not enabled to profit by the large influx of visitors which we are assured would have been in evidence on those days; although on the second Sunday we were permitted to sell associate members' badges at 25 cents each, and the gross sale of these badges amounted to \$1,217.

In the arrangement of the hall, its was confronted by conditions the settlement of which entailed much negotiation, but which resulted to the great advantage of the society. The minutes

of our committee describe these fully, and they need form no part of this report.

This show was financed entirely by the society, though the guarantee fund provided by those in its membership who were and are confident that the national flower show has become an established feature of the work of our organization. It is pleasing to be able to state that those subscribing to this fund have not only been reimbursed, as regards the fifty per cent call made upon their subscription, but have received a dividend of ten per cent upon the entire amount subscribed. I would make the suggestion, concurred in by many, that these subscriptions remain as a permanent support to national flower shows, under such conditions as the society may determine upon. This would obviate the necessity of inaugurating a fund for each future show, and thus entailing much unnecessary work upon the part of the committee and its officers. The thanks of the committee are extended to the subscribers to the guarantee fund, for their endorsement of our work in a pecuniary way, and their willingness to share with the society, the various liabilities attending the promotion of a national flower show. In this expression, I am sure the society as a body will join us.

To one outside the circle of those actually engaged in the work of inaugurating a national flower show, the labor involved in the staging of such an exhibition can hardly be realized. While your committee conducts its work as a directing body, much of the detail must be accomplished by the local organization; and, as chairman of your committee, I have felt myself particularly fortunate in having been able to assist in effecting an organization in Philadelphia whose work was a most important factor in the success of the show. I should feel that I were remiss did I not particularize in regard to this work.

To William Kleinheinz, chairman of the committee on exhibits, our thanks are extended for the work performed by his committee in the securing of exhibits in the competitive classes, and for his personal effort in this direction.

We are gratefully mindful of the fact that W. F. Therkindson, chairman of the committee on publicity, was instrumental in obtaining for us publicity for the show of a very high order and extensive character. Mr. Therkindson's work in this connection is worthy of the society's highest commendation.

The work of Louis Burk, as chairman of the committee on concessions, was most thorough, and the arrangements made by this committee were both admirable and profitable.

Robert Craig, as chairman of the committee at large, with his associates, cared for many things without the province of other committees, and helped materially the work of the organization.

The committee on lectures, of which J. Otto Thilow was chairman, instituted and directed a programme of lectures on horticultural subjects, which was an important and popular feature of the show, and, consequently, a source of much gratification to those interested in its success.

Samuel S. Pennock gave unstintingly of his time to attend to his

duties as chairman of the committee on printing.

Much important work devolved upon the committee on lease, contracts and hall, of which Adolph Farenwald was chairman, all of which was carried out with a zeal much appreciated by our organization.

The committee on trade tickets, whose chairman was E. J. Fancourt, gave service which was long and continuous. The work of this committee was most important, and was accomplished in a most skillful manner.

Wm. P. Craig, as chairman of the committee on special premiums, was instrumental in the addition of many donations to our list of special prizes.

The committee on information was a somewhat new feature of our show organization, and we must congratulate Fred Cowperthwaite, chairman of the committee, on his having proved the necessity for a bureau such as was established, and the good results accomplished.

Chas. Henry Fox, chairman of the advertising committee, which ultimately merged with the publicity committee, with his committee rendered admirable service in matters concerning the advertising of the show.

The committee in charge of decorations, John P. Habermehl, chairman, through the skill displayed in the decorations installed, met thoroughly the expectations of the national flower show committee.

The committee on special features, of which Chas. H. Grakelow was chairman, did excellent work. It is to be greatly regretted that some very important features arranged by this committee were, owing to unexpected lack of room, impossible of accomplishment.

Franklin Barrett, as chairman of the committee on aquariums, was instrumental in the staging of an exhibit which was a highly attractive feature of the show.

The nursery interests were looked after by the nurserymen's committee, of which Wm. Warner Harper was chairman. The work of this committee was, it is to be regretted, limited by space accommodation.

Leo Niessen, chairman of the committee on music, deserves great credit for the musical features provided.

Arthur A. Niessen, as secretary of the local executive committee, is also to be congratulated on the successful carrying out of all the detailed work of that office.

The national flower show committee is also deeply grateful for the valuable services rendered by Daniel C. Donoghue, one of the leading attorneys of Philadelphia. Mr. Donoghue has a wide acquaintance with the florists of Philadelphia and vicinity, and is greatly interested in the work of all florists. Mr. Donoghue did not render any bill for his services, and our committee would recommend that the society show its appreciation of his work by appointing him attorney for the society.

The details as to receipts from all sources, and the financial report of the show have been published, and each member present should be in possession of a copy of same.

Your committee was fortunate in having the support of the American Rose Society, American Carnation Society, and American Sweet Pea Society,

all of whom directed the sections made up of their representative flowers, and added to the premium list of our society with special prizes donated by members of their own bodies. The co-operation of these societies was greatly appreciated by your committee.

The Pennsylvania Horticultural Society co-operated in the work of the exhibition, and had a booth in the hall for use of their members. The ladies of the Garden Club of Philadelphia, and vicinity formed an organization with Mrs. J. Willis Martin, chairman, and conducted a tea garden, all of which assisted very much towards the success of the exhibition.

Lectures were given by:

W. N. Rudd, Chicago.
Prof. E. A. White, Cornell.
Robert Pyle, West Grove, Pa.
Frank N. Meyer, Washington, D. C.
J. Otto Thilow, Philadelphia.
J. Horace McFarland, Harrisburg.
Arthur Cowee, Berlin, N. Y.
Richard Rothe, Glenside, Pa.
Max Schling, New York.
Miss Caro Miller, Philadelphia.
Richard Vincent, Jr., White Marsh.
Miss Elizabeth Lee, Ambler, Pa.
E. I. Wilde, State College, Pa.

Interesting cultural articles were contributed for the official souvenir programme by the following experts:

Charles Downing Lay.
Robert Kift.
Adolph Muller.
Edwin Jenkins.
Charles H. Totty.
The late Wm. Tricker.
George H. Peterson.
J. Otto Thilow.
John E. Lager.
I. S. Hendrickson.
Maurice Fuld.
Prof. E. A. White.
George C. Thomas, Jr.

LIST OF DONORS.

Without doubt, we go upon record as offering at this show the largest and most valuable premium list ever presented at a horticultural show in America. This we could not have done without the cheerful aid and support of many of our friends in both private and commercial circles. Your committee deeply appreciates the support from these sources, and gratefully acknowledges the various donations, which were as follows:

Special Prizes.

A. C. Zvolanek.....	\$ 60.00
James Boyd.....	10.00
R. C. Kerr.....	25.00
Alphano Humus Co.....	100.00
J. J. Habermehl's Sons.....	25.00
Susan Farnum Wheeler.....	25.00
Countess of Santa Eulalia.....	30.00
Louis Burk.....	300.00
H. H. Battles.....	100.00
Hosea Waterer.....	226.00
Henry A. Dreer, Inc.....	226.00
George D. Widener.....	50.00
Zanberger Bros.....	8.00
W. F. Kasting.....	50.00
Gude Bros.....	50.00
Leo Niessen Co.....	25.00
Mrs. Wanamaker.....	80.00
Hugh B. Barclay.....	25.00
Henry J. Muller.....	10.00
H. F. Michell Co., Inc.....	265.00
Bayersdorfer & Co.....	25.00
P. Welch.....	25.00
John Cook.....	10.00
Pittsburgh Cut Flower Co.....	25.00
Pennock Bros.....	60.00
Jackson & Perkins Co.....	48.00
Harry Balsley.....	50.00
Ladies S. A. F.....	25.00
Foley Greenhouse Mfg. Co.....	50.00
Total	\$2,008.50

American Rose Society Members.

Philip Breitmeyer.....	\$ 200.00
John H. Dunlop.....	25.00
Adolph Farenwald.....	25.00
United States Cut Flower Co.....	25.00
Emil Buettner.....	25.00
Michigan Cut Flower Co.....	25.00
Eugene Dailledouze.....	25.00
Thomas Roland.....	25.00
A. N. Pierson, Inc.....	75.00
Leo Niessen Co.....	25.00
George B. Hart.....	25.00
Hess & Swoboda.....	10.00
Gude Brothers Co.....	25.00
W. H. Elliott.....	25.00
M. Rice Co.....	50.00
H. G. Berning.....	25.00
Joy Floral Company.....	10.00
George Burton.....	25.00
Joseph Heacock Co.....	50.00
A. H. Hews & Co.....	10.00
Stephen Mortensen.....	25.00
Aug. Doemling.....	25.00
Conard & Jones Co.....	25.00
Charles H. Totty.....	25.00
S. J. Reuter & Son.....	25.00
S. S. Pennock-Meehan Co.....	30.00
S. S. Skidelsky & Co.....	10.00
Lord & Burnham Co.....	25.00
Harry O. May.....	25.00
Robert Simpson.....	25.00
Pulverized Manure Co.....	25.00
Edward Campbell.....	10.00
E. G. Hill Co.....	25.00
Dingee & Conard Co.....	25.00
Martin & Forbes Co.....	25.00
Wm. L. Rock Flower Co.....	10.00
Malcolm Franklin.....	25.00
Henry Penn.....	10.00
Mann & Brown.....	10.00
Robert Scott & Son.....	25.00
Total	\$1,160.00

American Carnation Society Members.

Bauer & Steinkamp.....	\$ 25.00
Dailledouze Bros.....	50.00
E. G. Hill & Co.....	25.00
Fred H. Lemon.....	10.00
S. J. Goddard.....	25.00
J. F. Ammann.....	25.00
Cottage Gardens Co.....	50.00
Ernest Saunders.....	25.00
"Strout's".....	25.00
Fred. Lautenschlager.....	5.00
S. S. Skidelsky.....	25.00
Fred. Burki.....	25.00
W. J. & M. S. Vesey.....	25.00
Guttmann & Raynor.....	10.00
Bassett & Washburn.....	25.00
Wm. Nicholson.....	25.00
Dorner & Sons Co.....	40.00
Peter Fisher.....	25.00
W. E. Lenk.....	25.00
Total	\$490.00

Gold Medals.

Henry F. Michell Co., Inc.....	4
Max Schling.....	1
Kroeschell Bros. Co.....	2

Silver Plaque.

The Evening Ledger.....	Public Ledger
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Silver Cups.

H. F. Michell Co., Inc.....	8
W. Atlee Burpee & Co.....	24
Bailey, Banks & Biddle.....	2
Adolph Lewisohn.....	1
McDonald & Campbell Co.....	1
J. E. Caldwell Co.....	1
Ludwig Vollers.....	1
Florex Gardens.....	1
Edward Reid.....	1
Charles Henry Fox.....	1
Waban Rose Conservatories.....	1

Gold Watches.

Lord & Burnham Co.....	3
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Silver Medals.

H. F. Michell Co., Inc.....	13
Toronto Horticultural Society.....	1

Bronze Medals.

H. F. Michell Co., Inc.....	5
Toronto Horticultural Society.....	1

Silver Vase.

The Aphine Mfg. Co.

Society Medals.

The National Flower Show Gold, Silver and Bronze Medals.
The Medals of the American Rose Society.
The "Silver Jubilee" and other Medals of the American Carnation Society.

Greenhouse Material

The Advance Co.

Traveling Bag.

Myer Heller.

SUBSCRIBERS TO GUARANTEE FUND.

American Florist Co.....	100.00
S. A. Anderson.....	100.00
George Asmus.....	100.00
Bassett & Washburn.....	100.00
Bauer & Steinkamp.....	100.00
Bertermann Bros. Co.....	100.00

Philip Breitmeyer.....	100.00
Emil Buettner.....	100.00
Valentine Burgevin, Inc.....	199.00
A. S. Burns, Jr.....	100.00
W. Atlee Burpee.....	250.00
George Burton.....	100.00
John Burton.....	50.00
John Lewis Childs.....	100.00
L. B. Coddington.....	50.00
W. W. Coles.....	50.00
Conard & Jones Co.....	100.00
John Cook.....	10.00
A. N. Cooley.....	200.00
Arthur Cowee.....	50.00
W. J. Cowee.....	50.00
C. E. Critchell.....	100.00
Eugene Dailledouze.....	100.00
C. A. Dards.....	200.00
Henry A. Dreer, Inc.....	250.00
Henry Eicholz.....	50.00
W. H. Elliott.....	100.00
John A. Evans.....	100.00
A. Farenwald.....	100.00
F. J. Fillmore.....	10.00
Florists' Exchange.....	100.00
Florists Pub Co.....	100.00
Foley Greenhouse Mfg. Co.....	100.00
Frank A. Friedley.....	50.00
L. Merton Gage.....	25.00
Wm. R. Gibson.....	10.00
S. J. Goddard.....	100.00
Adam Graham.....	50.00
Gude Bros. Co.....	100.00
C. T. Guenther.....	50.00
C. M. Hamilton.....	10.00
Benjamin Hammond.....	100.00
A. Harvey & Son.....	50.00
Joseph Heacock Co.....	100.00
Hentz & Nash, Inc.....	100.00
Peter Henderson & Co.....	100.00
J. J. Hess.....	100.00
E. G. Hill Co.....	100.00
Hitchings & Co.....	125.00
Horticulture.....	50.00
C. L. Humphreys.....	25.00
Jackson & Perkins Co.....	250.00
Wm. O. Jahn.....	20.00
Eric James.....	50.00
W. F. Kasting.....	100.00
William Kleinheinz.....	50.00
Knoble Bros.....	50.00
Kroeschell Bros. Co.....	100.00
C. A. Kuehn.....	100.00
Fred. Lautenschlager.....	50.00
Lord & Burnham Co.....	100.00
Daniel MacRorie.....	100.00
MacHutchison & Co.....	250.00
Martin & Forbes.....	100.00
Fred. H. Meinhardt.....	50.00
John C. Moninger Co.....	100.00
A. L. Miller.....	100.00
H. F. Michel Co., Inc.....	100.00
Chas. P. Mueller.....	25.00
Samuel Murray.....	100.00
Myers & Samtman.....	100.00
Leo Niessen Co.....	100.00
W. R. Nicholson.....	50.00
M. A. Patten.....	100.00
S. S. Pennock-Meehan Co.....	100.00
A. N. Pierson, Inc.....	200.00
F. R. Pierson Co.....	250.00
Pittsburgh Cut Flower Co.....	100.00
Hans Plath.....	100.00
Chas. Plumb.....	100.00
Albert Pochelon.....	100.00
Poehlmann Bros. Co.....	200.00
Harry I. Randall.....	10.00
W. L. Rock Flower Co.....	100.00
C. G. Roebing.....	100.00
Julius Roehrs Co.....	100.00
H. K. Rohrer.....	25.00
Thomas Roland.....	100.00
W. N. Rudd.....	100.00
Schiller (Chicago).....	100.00
Robt. Scott & Son.....	100.00
Wm. H. Siebrecht.....	100.00
Robert Simpson.....	100.00
S. S. Skidelsky.....	50.00
Walter P. Stokes.....	50.00
C. H. Totty.....	100.00
Traendly & Schenck.....	100.00
J. A. Valentine.....	100.00
Vaughan's Seed Store.....	100.00
Patrick Welch.....	100.00
Ernst Wienhoeber Co.....	100.00
Theo. Wirth and Florists of St. Paul and Minneapolis.....	100.00
R. Wittertaetter.....	50.00
John Young & Co.....	100.00
A. C. Zvolanek.....	25.00

GENERAL RECEIPTS.

Guarantors 50% subscription.....	\$ 4,917.50
Rentals and concessions.....	13,271.11
Signs and rental of stands.....	146.70
Paid admissions—at Hall \$21,997.75	
Trade and special tickets. 12,117.50	34,115.25
Sales of Badges, Associate Members.....	1,217.30
Rent Spellman's circus.....	800.00
Rent Meadowbrook Club.....	500.00
Rebate unused badges.....	24.00
Sale unused sod.....	5.00
Advertising in programme.....	2,716.00
Sales of programmes.....	595.16
Sales of carnations "Miss Jarvis day".....	54.00
Electric current used by exhibitors.....	245.70
Special cash prizes offered through:	
S. A. F.....	\$2,008.50
Am. Rose Society.....	1,160.00
Am. Carnation Society.....	490.00
Interest, Phila. bank, acct ticket committee.....	6.94
Total	\$62,273.16

DISBURSEMENTS. Advertising Committee.

Signs	\$323.50	
Blue felt pennants.....	132.44	
Buttons	6.50	
General Expense.....	30.03	
Daily press	1,987.65	
Animated Advertising Co..	50.00	\$ 2,530.12

Publicity.

General publicity	\$3,844.17	
Expenses publicity com.....	202.20	4,046.37
Reporting committee meeting.....		41.50
Printing and stationery.....		1,459.48
Drawing preliminary floor plan.....		10.00
Premiums paid		11,498.50
S. S. Penneck, Trustee (L. P. Vol- lers premium)		85.00
Premiums Aquarium Society.....		235.00
Music		1,136.00
Appropriation Philadelphia office.....		1,000.00
Rent of exhibition hall.....		700.00
Printing and expense of programme		4,605.74
Commission selling space trade section		1,286.90

Ticket Committee.

Rental of uniforms.....	\$ 21.00	
Doormen, ticket takers, etc.	283.00	
Clerical assistance	84.00	
Incidentals	6.00	
Alfred Burton, car fares...	10.00	
Mark P. Mills.....	9.60	
Signs	4.30	
Printing tickets	315.13	733.03

Lease and Hall Committee.

Electric sign	\$ 240.00	
Decoration and construction work	3,944.09	
Insurance	248.69	4,432.78
Telephones and telegrams.....		52.81
Rental invalids' chairs.....		20.00
Removing rubbish		344.00
Expense tea room.....		413.64

Freight, Express and Trucking.

Freight and express.....	\$29.36	
Trucking	29.20	58.56
Incidentals at exhibition hall.....		357.02
Sign holders		77.50
Taxi hire (Trips to bank, etc.).....		120.00
A. Herrington (Manager).....		300.00
Guy W. French (Asst. Manager).....		173.60
A. A. Niessen (Local Secretary).....		300.00
P. Welch, services and expenses.....		202.00
George Asmus, Chairman fare, ex- penses and 14 days services.....		233.30

Wm. F. Kasting.

Expenses and services.....	\$50.00	
Services special clerk.....	50.00	
Postage	10.00	110.00

Incidentals.

C. H. Totty, services and expenses...	100.66	
A. Farenwald, fares, etc.	26.04	
Miss Anna Jarvis, account Mothers' day	100.00	
Henry A. Dreyer, Inc., replacing Miss Thompson exhibit	30.90	
Electric current at exhibition hall...	879.83	
Badges associate members.....	350.00	
Judges badges	21.12	
Prize award badges	85.00	
Sod	75.00	
Expenses committee on exhibits.....	57.19	
Southern smilax for decorating hall..	428.70	
Labor	850.33	
Banquet to jurors and officials.....	358.80	
Bureau of information.....	139.15	
Expenses, committee on lectures.....	429.31	
Hotel expenses, chairman, assistant and secretary	196.56	
Rebate, account circus.....	100.00	
Signs for exhibition	58.50	
Incidentals, secretary's office.....	70.39	
Heating exhibition hall, engineering services, etc.	\$736.76	
Coal	521.30	1,258.06
Expenses Art Gallery.....		40.00
Office furniture		34.00
A. N. Pierson, Inc., difference bet. freight and express rate (Rose gar- den exhibit)		77.75
Clerical assistance stenography, etc., secretary's office		288.00
Mileage flower show committee.....		265.45
Office expenses, chairman of commit- tee		388.95
Traveling expenses, secretary of com- mittee		73.00
Police		297.00
Postage stamps		343.57
Guarantors' fund returned.....		4,917.50
Dividends paid guarantors.....		967.00
Engraving		3.10
Engraving certificates		5.00
		\$49,876.19

Recapitulation.

General receipts	\$82,273.16	
Disbursements	49,876.19	
Profit	\$12,396.97	
From this amount the cost of dies and medals will be deducted.		

GEORGE ASMUS, Chairman.
THOMAS ROLAND.
CHAS. H. TOTTY.
ADOLPH FARENWALD.
WM. P. CRAIG.
PATRICK WELCH.

Ladies' Society of American Florists.

The annual meeting of the Ladies' Society of American Florists was held in the parlors of the Rice hotel, at 10:30 a. m., Wednesday, August 16, 1916. The second vice-president, Mrs. R. C. Kerr, of Houston, Tex., presided in the absence of the president, Mrs. John Vallance, of Oakland, Calif., who sent a letter of regret. The first vice-president, Mrs. W. W. Coles, of Kokomo, Ind., was not present. In the absence of Mrs. George W. Smith, of Cleveland, O., Miss Perle B. Fulmer, of Des Moines, Ia., was elected secretary pro tem and read a letter of regret from Mrs. Smith who could not attend because of the illness of her husband. Mrs. A. M. Herr, Lancaster, Pa., treasurer, was not in attendance, being unable to take so long a trip. The minutes of the previous meeting were read and approved as was the treasurer's report.

The election of officers resulted as follows: Miss Perle B. Fulmer, Des Moines, Ia., president; Mrs. R. C. Kerr, Houston, Tex., first vice-president; Mrs. Julius Roehrs, Rutherford, N. J., second vice-president; Mrs. Charles H. Maynard, Akron, O., secretary; Mrs. A. M. Herr, Lancaster, Pa., treasurer. The following directors were elected: Mrs. Joseph A. Manda, New Jersey; Mrs. J. F. Wilcox, Iowa; Mrs. George H. Cooke, Washington, D. C.; Mrs. J. D. Hancock, Illinois; Mrs. Fred Howard, California; Mrs. Patrick Welch, Massachusetts.

No further business offering the meeting adjourned sine die.

Florists' Telegraph Delivery.

Pursuant to notice previously given, a meeting of the Florists' Telegraph Delivery was held in Room 319, Rice hotel, Houston, Tex., at 9 a. m., August 16, 1916. In the absence of the president, Irwin Bertermann, of Indianapolis, Ind., the vice-president, Wm. F. Gude, of Washington, D. C., presided. There were present: W. F. Gude, Washington, D. C.; George Asmus, Chicago; J. J. Hess, Omaha, Neb.; Daniel MacRorie, San Francisco, Calif.; A. Lange, Chicago; T. J. Wolfe, Waco, Tex.; Frank Stuppy, St. Joseph, Mo., and a number of others. On account of the pressure of other business it was decided to adjourn until seven o'clock in the evening at the same place, Room 319, Rice hotel, and notice was accordingly posted in the lobby and the members notified as far as they could be reached.

At seven o'clock the same evening the meeting assembled, pursuant to adjournment, vice-president Gude in the chair. Among those present at this session were the following: Geo. Asmus, T. J. Wolfe, Lon Thompson, Chas. Baum, J. J. Hess, Henry Greve, J. E. McAdam, E. G. Hill, R. C. Kerr, W. F. Gude, A. Lange, Harry Papworth, Frank Stuppy, Mrs. R. E. Darbee, Daniel MacRorie and others. On motion, as the minutes of the last meeting were not in hand, their reading was necessarily dispensed with. The official reporter, Douglas A. Brown, was elected secretary pro tem to keep the record of the meeting. The report of the treasurer was read and accepted, the same having been audited by an expert accountant.

It was voted to proceed to election of officers, after correspondence be-

tween officers absent and Mr. Gude had been read. On motion, approval of the minutes of the last meeting was laid on the table, until the next regular called meeting, owing to the absence of the secretary. Mr. Baum nominated for president, W. F. Gude, of Washington, D. C., and on motion the nominations were closed and the ballot of the meeting was cast unanimously for the election of Mr. Gude as president. On motion of Mr. Baum, George Asmus, Chicago, was unanimously elected vice-president, there being no other nominations for the office. Mr. Asmus was called upon for a speech and responded briefly. President-elect Gude strongly recommended the efficient work of Secretary Albert Pochelon, and on motion he was unanimously re-elected as secretary, several members testifying as to his indefatigable industry and interest in the cause. Mr. Stuppy nominated E. G. Hill for treasurer, Mr. Hill declining and Mr. Stuppy withdrew when his name was presented. On motion of R. C. Kerr, W. L. Rock, of Kansas City, Mo., was unanimously elected as treasurer. J. J. Hess nominated Karl P. Baum for director. E. G. Hill was nominated but declined and Mr. Stuppy nominated Lon Thompson of the Dall Co. for director. Mr. Kerr nominated T. J. Wolfe, of Waco, Tex., and on motion nominations for directors were closed.

On motion it was ordered that notice be sent to the secretary by wire that night of the above election to office. After a general discussion, which elicited the fact that many of the members were entirely ignorant as to the constitution and by-laws, not having a copy of same, and after trade conditions had been discussed, on motion of Mr. Asmus, the meeting adjourned to convene in Chicago, October 11-12, 1916.

Florists' Hail Association.

A meeting of the members of the Florists' Hail Association was held at nine o'clock Wednesday, August 16, at the Auditorium, President Hill in the chair. Reports of the secretary and treasurer were presented and approved, the same having been duly audited. Minutes of the last meeting were approved as read. Directors for the ensuing year were elected as follows: J. J. Hess, Omaha, Neb.; Anders Rasmussen, New Albany, Ind.

An amendment to the constitution submitted by J. A. Valentine was adopted, as follows: Art. 5. Section 7—The payment of any loss upon any risk within five years after the payment of a previous loss on the same risk, shall constitute that risk a hazardous risk, and it shall continue to be classed as a hazardous risk until five regular assessments have been levied and collected from that risk subsequent to the payment of the last loss on that risk. Should one or more losses be paid on a hazardous risk, 10 per cent of the regular assessment shall be added to the assessment on that risk for each loss paid while said risk continues to be a hazardous risk, and such increases, together with the previous increase or increases, shall continue until the risk ceases to be a hazardous risk by the payment of five regular assessments without payment of a loss in the interim.

There not being a sufficient number of directors in attendance to hold a meeting of the board of directors, it was announced that a meeting of the board of directors would be held later, pursuant to notice at some central and accessible point, at which officers were elected, etc.

Election of Officers.

The election of officers, which was held at the Thursday morning session, resulted as follows: Robert C. Kerr, Houston, Tex., president; A. L. Miller, Jamaica, N. Y., vice-president; John Young, New York, secretary; J. J. Hess, Omaha, Neb., treasurer. The vote for directors was announced as follows: Frank Stuppy, St. Joseph, Mo., 89; J. J. Hess, Omaha, Neb., 73; W. W. Coles, Kokomo, Ind., 45, electing the first two.

Convention Garden Exhibits.

The convention garden exhibits looked surprisingly well, Dreer's aquatic display standing out conspicuously as the best feature. The exhibits in this department were as follows:

MacRorie-McLaren Co., San Francisco, Calif., plants.

Vaughan's Seed Store, Chicago and New York, Canna Firebird.

Henry A. Dreer, Inc., Philadelphia, Pa., aquatics and cannas.

A. T. Boddington & Co., Inc., New York, cannas.

Carlisle & Son, Alvin, Tex., tuberoses.

Wm. Tricker & Son, Arlington, N. J., aquatics.

Conard & Jones Co., West Grove, Pa., cannas.

L. H. Read & Co., Deer Park, Ala., xanthosomas.

W. J. & M. S. Vesey, Fort Wayne, Ind., geraniums.

W. H. Grohman, Saginaw, Mich., begonias.

Texas Rose Gardens, Brockdale, Tex., roses.

California Rose Co., Pomona, Calif., roses.

St. Louis Seed Co., St. Louis, Mo., cannas.

Mrs. R. E. Darbee, San Francisco, Calif., cut flowers.

R. Claxton, Willis, Tex., Bluebell of Texas, *Eucomis gentranordes*.

The Trade Exhibition.

The trade exhibition in the lower hall of the Auditorium, while not as extensive as those of some previous conventions, was of fine quality throughout and exceptionally well arranged. The exhibits included the following:

Advance Co., Richmond, Ind., ventilators.

A. L. Randall Co., Chicago, florists' supplies.

Poehlmann Bros. Co., Chicago, palms and crotons.

Wertheimer Bros., New York, office space.

H. Bayersdorfer & Co., Philadelphia, Pa., florists' supplies.

Kroeschell Bros. Co., Chicago, greenhouse boilers.

W. H. Gullett & Sons, Lincoln, Ill., plants.

Cottage Gardens Nursery Co., Eureka, Calif., California grown Dutch bulbs.

Foley Greenhouse Mfg. Co., Chicago, greenhouses.

Burlington Willow Ware Co., Burlington, Ia., florist baskets.

John A. Evans & Co., Richmond, Ind., ventilators.

J. A. Peterson & Sons, Cincinnati, O., begonias.

M. Rice Co., Philadelphia, Pa., florists' supplies.

H. C. Doeschler, New Orleans, La., fern display.

C. F. Falls, New York, advertising novelties.

American Bulb Co., Chicago, supplies.

Cohen & Hiller, New York, ribbons.

J. A. Newsham, New Orleans, La., palms.

E. E. Stone, Dickinson, Tex., asparagus.

Lord & Burnham Co., New York, greenhouses.

Chicago to Houston.

The Chicago delegation to the Houston convention left Sunday night, August 13, in the excellent special car provided by the Wabash railroad, the party including Geo. Asmus, A. Lange and wife, Miss M. C. Gunterberg, T. D. Long (representing Vaughan's Greenhouses), T. McAllister and M. Barker, Chicago, and W. H. Sievers and wife, of Buffalo, N. Y. It was understood that a number of Chicagoans left earlier, including P. J. Foley and Fred Lautenschlager.

Arriving at St. Louis on schedule time Monday morning, the travelers were met at the train by President Jules Bourdet, W. J. Pilcher, J. J. Beneke, J. J. Windler, Frank Windler and W. Oehweiler, representing the St. Louis Florists' Club, and escorted to an excellent breakfast in the Union Station cafe. Thanking their entertainers for the thoughtfulness and courtesy prompting this delightful break in the journey, the visitors immediately rejoined the train and proceeded on their way.

The weather during the Chicago-St. Louis trip was cool and pleasant, but warmed up to some extent, though not uncomfortably, after leaving the latter city.

Several members of the St. Louis trade, bound for the convention left by earlier trains.

Passenger Agent Purdy, of the Wabash, made a hit with all in his splendid arrangements for the comfort of the passengers.

Miss Gunterberg and Mr. and Mrs. Lange will return by steamer, leaving Galveston August 19, due New York, August 25.

Paul Paley, of Little Rock, journeyed 60 miles north to Kensett to greet his Chicago friends.

At Little Rock the party was joined by Walter Vestal and Howell Vestal of that city; H. M. Joy and wife, Nashville; C. L. and F. F. Baum and A. J. McNutt, Knoxville, and G. A. Kimmel, of Chattanooga.

Miss Gunterberg and August Lange were the champion cinch players.

Trade Visitors.

The following registered during the opening days of the convention:

Paul Abele, New Orleans, La.
Wise Adkisson, Greenville, Tex.
Charles Alf, Austin, Tex.
C. G. Anderson, Lincoln, Ill.
L. H. Archias, Sedalia, Mo.
W. J. Baker, Ft. Worth, Tex.
M. Barker, Chicago.
H. F. Bates, Rochester, N. Y.
Charles L. Baum, Knoxville, Tenn.
Floyd Baum, Knoxville, Tenn.
H. B. Beck, Austin, Tex.
James W. Begbie, Shreveport, La.
H. G. Berning, St. Louis, Mo.
Paul Berkowitz, Philadelphia, Pa.
J. S. Boyd, Cleburne, Tex.
D. A. Brown, Cincinnati, O.
George M. Carter, Evergreen, Ala.
P. A. Chopin, New Orleans, La.

H. Cheeseman, New York.
Chas. Chollar, Dallas, Tex.
Wm. Clowe, Corsicana, Tex.
George W. Cohn, New York.
L. Cowell, Ft. Worth, Tex.
W. E. Crump, Colorado Springs.
A. T. DeLaMare, New York.
S. Derrison, New York.
R. Drumm, Ft. Worth, Tex.
John Dunbar, Rochester, N. Y.
C. Ebele, New Orleans, La.
John G. Esler, Saddle River, N. J.
John A. Evans, Richmond.
E. Farley, Denison, Tex.
E. A. Farley, New Orleans, La.
Philip J. Foley, Chicago.
D. W. Ford, Madisonville, Tex.
W. D. Fraser, Eureka, Calif.
J. T. D. Fulmer, Des Moines, Ia.
John Furrow, Guthrie, Okla.
Henry Green, Dallas, Tex.
Adolph Gude, Washington, D. C.
Ernest Gude, Washington, D. C.
Wm. F. Gude, Washington, D. C.
W. A. Hagenburger, Mentor, O.
Edgar Hall, Austin, Tex.
Benjamin Hammond, Beacon, N. Y.
H. O. Hannah, Sherman, Tex.
Walter E. Harris, Brooklyn, N. Y.
Joseph Heacock, Wyncote, Pa.
F. W. Hensel, Jr., College Station, Tex.
George W. Hess, Washington, D. C.
J. J. Hess, Omaha, Neb.
E. G. Hill, Richmond, Ind.
H. C. Hoehschler, New Orleans, La.
August Hummert, St. Louis, Mo.
H. F. Janssen, Springfield, Ill.
Bart Johnson, Comanche, Tex.
R. E. Jones, Richmond, Ind.
H. M. Joy, Nashville, Tenn.
E. W. Judge, Tyler, Tex.
H. Kaden, Gainesville, Tex.
A. Kakuda, New York.
Howard Knowlton, Chicago.
A. F. Koehle, Sherman, Tex.
Robert Kuerth, Denver, Colo.
Prof. E. J. Kyle, College Station, Tex.
A. Lange, Chicago.
Otto Lang, Dallas, Tex.
F. Lautenschlager, Chicago.
J. E. Lewis, New York.
T. D. Long, Chicago.
J. E. Longren, Chicago.
J. E. McAdam, Ft. Worth, Tex.
Thos. McAllister, Chicago.
Frank McCabe, Chicago.
D. H. McNaughton, Palestine, Tex.
A. J. McNutt, Knoxville, Tenn.
Mrs. J. U. Mackay, Jackson, Miss.
D. MacRorie, San Francisco, Calif.
Joseph A. Manda, West Orange, N. J.
Seth Miller, Corsicana, Tex.
Robert Newcomb, Chicago.
Louis Oesch, Dallas, Tex.
W. Oehweiler, St. Louis, Mo.
C. D. Otis, Lake Charles, La.
Wm. K. Palmer, Jr., Berwyn, Ill.
Harry Papworth, New Orleans, La.
W. B. Patterson, Montgomery, Ala.
J. A. Peterson, Cincinnati, O.
August Poehlmann, Morton Grove, Ill.
E. C. Pruner, Chicago.
T. W. Reed, Waco, Tex.
H. S. Royer, Philadelphia, Pa.
C. Schellhorn, Washington, D. C.
H. Schroeder, Temple, Tex.
C. W. Scott, New York.
Samuel Seligman, Chicago.
W. H. Sievers, Buffalo, N. Y.
E. E. Stone, Dickinson, Tex.
Frank Stuppy, St. Joseph, Mo.
L. J. Tackett, Ft. Worth, Tex.
Fred Timm, Dallas, Tex.
John S. Vincent, White Marsh, Md.
Richard Vincent, Jr., White Marsh.
Frank A. Windler, St. Louis, Mo.
M. C. Wright, Philadelphia, Pa.
T. J. Wolfe, Waco, Tex.
John Young, New York.
J. C. Zell, Dallas, Tex.
Arthur Zirkman, Philadelphia, Pa.

Ladies.

Mrs. Wise Adkisson, Greenville, Tex.
Mrs. Chas. Alf, Austin, Tex.
Mrs. Therese Alf, Austin, Tex.
Miss B. Atwood, Beacon, N. Y.
Mrs. H. G. Berning, St. Louis, Mo.
Mrs. Sam Brown, Tyler, Tex.
Mrs. Wm. Clowe, Corsicana, Tex.
Mrs. P. A. Chopin, New Orleans, La.
Mrs. R. N. Darbee, San Francisco, Calif.
Miss M. C. Gunterberg, Chicago.
Mrs. Benj. Hammond, Beacon, N. Y.
Mrs. M. A. Hansen, Galveston, Tex.
Mrs. J. J. Hess, Omaha, Neb.
Mrs. Jos. H. Hill, Richmond, Ind.
Mrs. T. S. Hillyer, Austin, Tex.
Mrs. August Hummer, St. Louis, Mo.
Mrs. H. F. Janssen, Springfield, Ill.
Mrs. H. M. Joy, Nashville, Tenn.
Mrs. E. W. Judge, Tyler, Tex.
Mrs. G. Jung, San Antonio, Tex.
Mrs. W. C. Kendall, Palestine, Tex.
Mrs. A. Lange, Chicago.
Mrs. Otto Lang, Dallas, Tex.
Miss Ursula Miller, Corsicana, Tex.
Miss Alice Mowlam, Corsicana, Tex.
Miss H. Offer, Galveston, Tex.
Mrs. Mary Offer, Galveston, Tex.
Miss Vida Prewitt, Dallas, Tex.
Mrs. W. H. Sievers, Buffalo, N. Y.
Mrs. Anne Wolfe Brigrance, Waco, Tex.

Canadian Horticultural Association.

ANNUAL MEETING, AUGUST 8-10, 1916.

The nineteenth annual convention of the Canadian Horticultural Association, brief mention of the opening of which was made in our issue of August 12, page 178, proved to be one of the most interesting in the history of the organization. In his address, President Fred Adams, of Toronto, dwelt upon trade conditions, stating that from his observations, despite the fact that imports and transportation were greatly restricted, very little falling off in the retail trade was noticeable as a result of conditions arising from the war. He also dwelt on the tariff question, especially as relating to the importation of Belgian products. The difficulties in obtaining delivery of azaleas was treated at some length, two deposits in payment of the goods being required, one in the Belgian bank in England and the other in Canada to the order of the minister of customs.

SECRETARY-TREASURER LUCK'S REPORT.

During 1915, the membership of our association, I regret, showed a considerable decrease. At the time of the Toronto convention, we numbered 113 members, while at London there were but 77. Though we lost members at London we made many friends, by the way the delegates were entertained by the local trade and the civic authorities, and these courtesies will long linger in our memories.

Our association, like many others, feels the effect of these sad and troublesome times, and as we see our ranks thinned, we can only hope that it will be but temporarily, and that the absent ones will be returned to us.

We have carried on a campaign this year to increase our membership to 100, and the committee in charge hopes to see this accomplished.

The programmes of these meetings, which were compiled by the executive committee last March, will be found to contain much up-to-date and instructive matter from which much benefit can be derived.

At the London convention your secretary was instructed to write Dr. Hewitt of Ottawa, and to secure the assignment, if possible, of one of his assistants for the investigation of the life, habits and control of insect pests that affect greenhouse stock. The reply was that this had already been done, and that this gentleman would appreciate it very much if the members of this society would assist him by sending any samples of injurious insects to him for study. They should be addressed to the Dominion Entomologist, Ottawa. No postage is required.

The various committees will give their reports of their work during the past year, and from these you will see that the association is very much alive and there is much activity between the annual meetings, and much good is accomplished. If some members and all horticulturists would realize this by giving us their assistance we could make still greater strides toward the ideals we are striving to achieve.

Following its reading the report was adopted on a motion by E. B. Hamilton, seconded by F. Dicks.

The reports of the various committees followed, the report of the plant registration committee being read by the president in the absence of H. J. Moore, the chairman. Following the reading a motion was passed expressing the appreciation of the association of the generous action of the Queen Victoria Niagara parks for having devoted a plot in the park system for the planting of new varieties and the correct naming of well-known plants, as well as providing for the cost of the

maintenance of this feature. The tariff committee announced that it deemed it inadvisable to make a report at this time, as due to the troublesome conditions, little could be accomplished. A paper by E. J. Hayward, of Montreal, on "Commercial Ferns" was listened to with much interest, and in the discussion which followed the matters of feeding and other items in their care were well threshed out. Alderman J. A. Hallman, president of the Berlin Horticultural Society, then invited the meeting to adjourn and take advantage of an auto trip which had been arranged. This was done, and the balance of the afternoon was spent in visiting the parks and other points of interest.

The morning session of the second day proved very interesting, an excellent paper being read by Geo. H. Baldwin of Toronto, on "Success With a Home Garden." The lecture was illustrated, and the lecturer was called upon many times to answer queries. As the time was late a paper which was to have been read by Harry Tattle of Toronto on "The Commercial Culture of Peonies and Dahlias" was not read, but was ordered printed. At the afternoon session a motion was carried asking the executive committee to appoint a committee to be known as the national plant registration committee, to work in cooperation with other societies. It was also moved to ask H. J. Moore, superintendent of Queen Victoria park, the best way in which the members of the association could take advantage of the trial grounds. A feature of this session was the paper on "Gladioli" by John A. Campbell of Simcoe. It was listened to attentively, the lecturer going into detail as to origin of varieties and their crosses; also methods of culture and the varieties best adapted to this climate.

The banquet which was held in Masonic hall Wednesday evening was a pleasant affair and was attended by about 60, Mayor Hett, two aldermen, and President Hallman of the Berlin Horticultural Society, being guests of honor. Short speeches were made by William Hunt of Guelph, Mayor Hett, W. W. Gammage, T. Manton and others.

ELECTION OF OFFICERS.

The election of officers for the ensuing year resulted as follows: James Fraser, Prescott, Ont., president; E. J. Hayward, Montreal, first vice-president; F. Dicks, London, Ont., second vice-president; Julius Luck, 1018 Queen Mary road, Montreal, secretary-treasurer. Montreal was chosen as the next annual meeting place.

Previous to adjournment, Retiring President Adams was presented with a pair of comfortable easy chairs. He was deeply moved by the thoughtfulness of his fellow members, and heartily expressed his appreciation.

TRADE EXHIBITS.

H. Simmers, S. Jordan and F. Wise were appointed judges of the trade exhibits, which were all creditable, the list of which follows:

C. H. Janzen, Berlin, Ont., excellent display of ferns and decorative plants.

Campbell Bros., Simcoe, Ont., had an extraordinary exhibit of plants, considering the extremely dry weather, many promising varieties being displayed.

King Construction Co., North Tonawanda, N. Y., and Toronto, working model of their new improved sash bar, which was a center of interest.

Batts, Ltd., Toronto, small model of greenhouse.

D. Schnarr, Berlin, Ont., good display of gladioli. Special mention must be made of the variety Schwaben, which appears very promising.

H. Bayersdorfer & Co., Philadelphia, Pa., a most complete display of florists' supplies.

Schloss Bros., New York, creditable display of ribbons, chiffons and novelties.

Wertheimer Bros., New York, fancy chiffons and novelties.

SOCIAL FEATURES.

The freedom of the city was enjoyed by the visitors and the local committee left nothing undone to see that there was no possibility of a dull moment. The keys of the city were turned over by Mayor Hett, together with other keys that enabled the travelers to be relieved of the pangs of hunger and thirst following midnight journeys on the city's highways. The programme of sports Wednesday afternoon was well arranged and thoroughly enjoyed, the ball game resulting in a tie, which will be contested again next year at Montreal. The visitors during their stay were entertained at the establishments of a number of the growers in the vicinity, among them being the ranges of the Georgetown Floral Co. and the model farm at Guelph, a government institution, which was a revelation to many of the visitors.

Texas State Florists' Association.

There was an attendance of about 100 at the annual meeting of the Texas State Florists' Association, held at Houston, August 14. San Antonio was chosen for the next meeting and Dallas for the fall flower show. Officers for the ensuing year were elected as follows: T. J. Wolfe, Waco, president; F. C. Suchy, San Antonio, vice-president; L. J. Tackett, Fort Worth, secretary-treasurer; C. L. Brock, Houston, press representative; F. W. Hensel, College Station, educational director; H. O. Hannah, Sherman; A. L. Koehle, Sherman, J. E. McAdams, Fort Worth; H. B. Bock, Austin; E. E. Stone, Dickinson, and Bird Forrest, Waxahachie, directors.

The Late William Halvac.

William Halvac, for the past nine years employed as a salesman in the rooms of the New York Cut Flower Co., New York, died suddenly August 10. On the forenoon of August 9 he was at business in apparent good health. While out for lunch he was overcome by heat and taken to Bellevue hospital, where he died the next morning. For several years he had been with H. L. Baylis in the Daillidouze and Asmus department of the New York Cut Flower Co., and was popular with employers and customers. He was born in New York 27 years ago, of Bohemian parents, who, with one brother and one sister, survive him. A. F. F.

DAYTON, O.—The Advance Floral Co. is reported to have joined the down and outs.

SOMERVILLE, MASS.—A flower shop will be opened in the near future on Somerville avenue by J. H. Gartland.

OWENSBORO, KY.—Stimulated by interest in the city beautiful idea, local florists report a greater interest in flowers than ever before known in this city.

HARTFORD, CONN.—The Bon Ton Flower Shop has been closed under executions. P. F. Potter, the proprietor, is reported to be on the Mexican border.

PORTLAND, ORE.—Martin & Forbes report an exceptionally good season for rose growing with prospects of a large winter cut. Ophelia is showing especially fine form.

FLORISTS' HAIL ASSOCIATION OF AMERICA.

SECRETARY'S REPORT FOR YEAR ENDING AUGUST 1st, 1916

Subdivided by States, the insurance on glass, effective August 1, 1916, in the Florists' Hail Association, is as stated below:

	Single thick glass.	Double thick glass.	Single thick glass. Extra one-half	Double thick glass. Extra one-half	Single thick glass. Extra whole.	Double thick glass. Extra whole.	Amount paid for losses for Aug. 1, 1915, to Aug. 1, 1916.
Arkansas.....	16,740	7,670					\$64.96
Colorado.....	481,904	955,880	109,631	106,886	212,911	651,942	10,828.81
Connecticut.....		84,419		43,986		2,100	
Delaware.....	18,166	3,871					
Florida.....	24,150	52,050					
Georgia.....	29,638	55,537					
Illinois.....	234,741	4,379,070	86,279	535,465	49,187	1,128,131	56.99
Indiana.....	121,000	2,238,908	12,780	299,908	70,007	228,362	143.32
Iowa.....	200,263	2,228,152	19,595	747,842	44,146	400,771	15,611.00
Kansas.....	539,148	1,077,260	26,126	76,740	338,216	670,461	2,810.98
Kentucky.....	39,202	180,887			3,200	42,780	159.18
Louisiana.....	2,200	3,320					
Maine.....	624	40,755		3,456		1,100	
Maryland.....	70,561	246,007	6,225	14,996	8,900	60,750	98.35
Massachusetts.....		207,146		20,000			
Michigan.....	79,275	1,001,788	14,405	17,294		171,809	211.03
Minnesota.....	48,789	1,446,559	12,000	132,524	2,400	632,876	860.68
Missouri.....	845,841	2,262,285	105,599	313,279	363,271	1,268,637	14,986.52
Montana.....	20,580	36,688			2,800	2,556	231.98
Nebraska.....	378,189	388,488	88,346	106,853	109,204	181,250	4,104.37
New Hampshire.....		39,829					
New Carolina.....	4,902	59,369	4,902				
North Dakota.....		110,524				85,356	
New Jersey.....	28,096	1,527,697		30,589		25,006	113.12
New Mexico.....	4,768	27,066			4,768	27,066	
New York.....	81,340	651,087	750	33,730	6,400	64,026	63.00
Ohio.....	304,126	3,060,668	40,436	410,020	24,826	434,445	859.55
Oklahoma.....	106,136	388,388		23,780	103,823	221,023	913.80
Oregon.....		8,684			9,136	671,812	
Pennsylvania.....	283,325	3,188,485	2,340	148,705		9,950	
Rhode Island.....		9,950				8,202	
South Carolina.....		8,202					
South Dakota.....	32,500	133,808		13,200	32,500	44,578	587.36
Tennessee.....	70,000	900				900	
Texas.....	157,339	459,219		14,080	27,901	143,317	1,381.29
Virginia.....	15,745	155,023				33,903	
Washington.....	12,910	27,000					
West Virginia.....		45,148					
Wisconsin.....	50,787	708,674		4,450	8,575	46,717	
Wyoming.....	8,200	12,280			8,200	4,280	95.20
Dist. of Columbia.....	4,220	71,576			4,220	71,576	
Canada.....	9,055	351,838	2,762			246,693	1,170.45
Total.....	4,324,460	27,942,185	532,176	3,105,783	1,433,591	7,582,375	\$55,372.74

The above is equivalent to an insurance upon 43,101,590 sq. ft. of glass.

The number of members at date of closing this report is 1,658.

The total receipts for the year ending August 1, 1916, and including last year's balance, as per Treasurer's Report, are \$73,780.37.

The total expenditures, as per Treasurer's Report, for the year ending August 1, 1916, are \$64,572.52.

The cash balance on hand is \$9,207.85, of which \$743.04 belongs to the Reserve Fund.

The Reserve Fund now amounts to \$38,743.04, of which \$38,000 is invested in first-class municipal bonds, and \$743.04 cash in hands of the Treasurer.

The amount of interest collected on bank deposits for the year is \$426.86.

The amount of interest collected on Reserve Fund investments for the year is \$1,912.50.

Two thousand, three hundred and eighty-five losses have been adjusted since the organization of the F. H. A., involving a total expenditure of over \$370,000.

An equivalent of 270,913 sq. ft. of single thick glass was broken by hail during the past year, for which the Association paid \$13,545.65. And an equivalent of 597,530 sq. ft. of double thick glass was broken, which cost the Association \$41,827.10.

The only liabilities of the Association at the close of this Report are three unadjusted losses, amounting to less than \$200.

The F. H. A. has paid out more money for losses during the past year than in any previous year since its organization.

It has more glass insured than at any previous time. It has taken in more new business than in any previous year of its history.

The F. H. A. is equalizing risks by charging a greater premium upon risks that have entered the hazardous class.

It has a large Reserve Fund, which is rapidly growing, increasing thereby its stability.

The F. H. A. stands for a square deal, and a prompt adjustment of losses; and the Officials of the Organization desire to extend their thanks for the many letters of commendation which they have received from members who approve of their methods of administration.

	Market Value
4 County of Bergen Road 5 per cent., 1918.....	\$4,068.40
2 Borough of Fairview School 5 per cent., 1934....	2,161.20
1 Borough of Fairview School 5 per cent., 1935....	1,083.50
2 Borough of Fairview School 5 per cent., 1938....	2,182.80
2 Borough of Fairview School 5 per cent., 1939....	2,187.80
1 City of Waco, Texas, Street 5 per cent., 1921....	1,022.20
1 Borough of Homestead, Pa., 4 per cent., 1922....	1,000.00
2 City of Scranton, Pa., 4 per cent., 1924....	2,006.80
2 Atlantic City, N. J., Paving 4½ per cent., 1927....	2,059.60
1 Allegheny County, Pa., Road, 4 per cent., 1935....	1,000.00
12 South River, N. J., Elec. Light, 5 per cent., 1940....	6,625.25
4 Bor. of Edgewater, N. J., School 5 per cent., 1934....	4,322.40
5 Prov. of Alberta, Canada, 4½ per cent., 1924....	4,837.00
1 City of Houston, Tex., Municipal 5 per cent., 1925....	1,036.70
1 City of Houston, Tex., Municipal 5 per cent., 1929....	1,048.80
3 King County, Washington, Court House 5 per cent., 1933.....	3,270.30
	\$39,912.75

The above gives the market value of The Florists' Hail Association bonds as appraised by Harris, Forbes & Co., the leading bond house of New York City.

JOHN G. ESLER, Secretary.

TREASURER'S REPORT FROM JULY 27th, 1915, TO JULY 31st, 1916

Received from 28th Assessment.....	\$29,062.08
Received from Membership Fees.....	1,471.54
Received from New Members.....	970.96
Received from Additional Membership.....	841.69
Received from Extra One-Half Assessment.....	103.15
Received from Extra Whole Assessment.....	524.82
Received from Re-Insurance.....	736.65
Received from Interest on Reserve Fund.....	1,912.50
Received from Interest Bank Deposit, Jenkintown National Bank.....	88.59
Received from Interest Bank Deposit, Rittenhouse Trust Co.....	338.27
Received from Matured Kalamazoo, Mich. Bond.....	1,000.00
	\$37,050.25

Expenses from July 26, 1915, to July 31, 1916—Continued

Aug. 4, Price, Waterhouse & Co., services examining accounts....	\$15.00
Aug. 4, John G. Esler, car fare to Wyncote comparing accounts treasurer.....	5.00
Aug. 5, Horticulture, advertising annual meeting.....	1.00
Aug. 5, Florists' Publishing Co., advertising annual meeting.....	1.30
Aug. 9, Florists' Exchange, advertising annual meeting.....	1.00
Aug. 9, Market Growers' Journal, Advertising annual meeting.....	1.00
Sept. 22, American Florist, advertising annual report.....	26.50
Sept. 22, A. T. De La Mare Co., 500 large manilla envelopes.....	4.00
Sept. 24, A. T. De La Mare Co., 100 letter heads, 100 rate circulars, 100 letter circulars.....	10.01
Sept. 30, Douglas A. Brown, reporting annual meeting.....	5.23
Oct. 18, A. T. De La Mare Co., 500 warrants on treasurer.....	4.59
Oct. 25, American Surety, premium on bonds of Secretary and Treasurer.....	63.00
Oct. 29, A. T. De La Mare Co., 4,000 envelopes, 500 large manilla envelopes.....	15.69
Oct. 29, A. T. De La Mare Co., 300 letter heads.....	3.71
Nov. 4, J. G. Esler, on account salary as Secretary.....	300.00
Nov. 4, Joseph Heacock, on account salary as Treasurer.....	100.00
Nov. 4, E. G. Hill, on account salary as President.....	50.00

Nov. 24, Joseph Heacock, stamped envelopes and postage.....	\$13.00
Nov. 24, A. T. De La Mare Co., 2,000 assessment notices.....	23.09
Nov. 24, A. T. De La Mare Co., report of Secretary and Treasurer for 1914-1915.....	35.53
Jan. 6, J. G. Esler, postage and revenue stamps.....	20.00
Feb. 5, J. G. Esler, on account salary as Secretary.....	300.00
Feb. 5, Jos. Heacock, on account salary as Treasurer.....	100.00
Feb. 5, E. G. Hill, on account salary as President.....	50.00
Feb. 5, A. T. De La Mare Co., 200 rate circulars, 1500 additional applications.....	8.18
Feb. 5, J. G. Esler, postage including 28th assessment, and revenue stamps.....	40.00
Apr. 12, A. T. De La Mare Co., 1800 28th assessment receipts.....	6.75
May 3, A. T. De La Mare Co., 300 extra insurance applications.....	3.75
May 5, E. G. Hill, account of salary as President.....	50.00
May 5, J. G. Esler, account of salary as Secretary.....	300.00
May 5, Jos. Heacock, account of salary as Treasurer.....	100.00
May 10, The Southern Florist, advertising 1916.....	15.00
May 18, A. T. De La Mare Co., 300 letter circulars and letter heads.....	7.25
July 3, J. G. Esler, revenue stamps and stationery.....	41.50
July 10, A. F. Amman, expenses inspecting losses.....	12.05
July 18, Jos. Heacock, postage.....	2.00
July 18, Florists' Exchange, advertising Aug. 1915 to Aug. 1916.....	15.00
July 18, J. G. Esler, balance salary as Secretary.....	1,250.00
July 18, E. G. Hill, balance salary as President.....	172.50
July 18, Joseph Heacock, balance salary as Treasurer.....	560.00
July 20, E. G. Hill, postage.....	8.70
July 20, A. T. De La Mare Co., 500 proofs of loss, 300 duplicate adjustments, 300 treasurer's letter circulars.....	26.00
July 27, Horticulture, advertising, Aug. 1, 1915 to Aug. 1, 1916.....	15.00
July 27, American, advertising, Aug. 1, 1915 to Aug. 1, 1916.....	15.00
July 27, Florists' Publishing Co., advertising, Aug. 1, 1915 to Aug. 1, 1916.....	15.00
July 31, Joseph Heacock, stamped envelopes and postage.....	36.00
	\$3,848.38

Losses from July 26, 1915, to July 31, 1916

July 30, Joseph Hopper, Billings, Mont.	\$187.74
July 30, Herman Bros., Council Bluffs, Ia.	465.50
Aug. 4, Samuel R. Faulkner, Omaha, Neb.	169.70
Aug. 4, E. L. Endicott, Colorado City, Colo.	1,214.78
Aug. 4, Edwin Denker, St. Charles, Mo.	33.04
Aug. 4, Frank F. Crumpp, Colorado Springs, Colo.	3,089.92
Aug. 4, Janousek Bros., Omaha, Neb.	30.65
Aug. 4, Powell Bros., Colorado Springs, Colo.	289.24
Aug. 4, Morris & Jack, Crawfordville, Ind.	27.77
Aug. 4, Hans Jensen, Omaha, Neb.	21.00
Aug. 4, L. B. Coddington, Murray Hill, N. J.	113.12
Aug. 5, J. F. Wilcox, Council Bluffs, Ia.	14,250.39
Aug. 5, H. L. Swalley, Essex, Ia.	3.73
Aug. 5, Stevenson Bros., Towson, Md.	98.35
Aug. 5, Albert Hruban, Omaha, Neb.	423.00
Aug. 5, E. R. Ripley, Colorado City, Colo.	1,519.28
Aug. 5, Henry Kingston, Council Bluffs, Ia.	186.70
Aug. 5, Peterson Bros., Omaha, Neb.	714.22
Aug. 5, L. H. Reams, Council Bluffs, Ia.	92.07
Aug. 9, Paul B. Floth, Omaha, Neb.	504.54
Aug. 9, Shuman Floral Co., Ardmore, Okla.	13.68
Aug. 9, Emil Walther, Louisville, Ky.	7.42
Sept. 14, Pikes Peak Floral Co., Colorado Springs, Colo.	3,921.26
Sept. 20, Charles L. Carter, Kansas City, Mo.	100.80
Sept. 22, B. C. Johnson, Sterling, Colo.	27.16
Sept. 22, Joseph Austin, Kansas City, Mo.	356.02
Sept. 22, Thos. A. Ivey, Port Dover, Ont. Canada	799.37
Sept. 22, Andy Wurtele, Shively, Ky.	145.74
Sept. 22, T. J. Warren, Ft. Collins, Colo.	57.75
Sept. 22, Fred Witzig, Omaha, Neb.	105.42
Sept. 22, Ferguson Bros., Benson, Neb.	43.08
Sept. 22, S. Bryson Ayres, Independence, Mo.	154.00
Sept. 22, Adolph Mohr, Kansas City, Mo.	68.04
Sept. 22, J. W. and E. E. Arnold, Omaha, Neb.	73.29
Sept. 24, W. H. Williamson & Co., Independence, Mo.	25.85
Sept. 24, Harry B. Smith, Independence, Mo.	123.20
Sept. 24, A. H. & B. H. Fawkes, Independence, Mo.	27.50
Sept. 24, A. D. Wilson, Deadwood, S. D.	48.16
Sept. 24, W. J. Barnes, Kansas City, Mo.	274.80
Sept. 24, Lewis Henderson, Omaha, Neb.	166.95
Sept. 24, M. C. Marcy, Niles City, Mont.	44.24
Sept. 27, R. Rathbun & Co., Sioux City, Ia.	42.42
Sept. 27, C. P. R. Demonstration Farm, Strathmore, Alta, Can.	111.16
Sept. 30, B. J. Scannell, Omaha, Neb.	123.20
Sept. 30, Frank Citta, Omaha, Neb.	88.20
Oct. 5, Home Building Assn. of Martinsville, Ind.	29.48
Oct. 5, E. J. Sheap, Jackson, Mich.	211.03
Oct. 8, Jacob Christensen, St. Paul, Minn.	84.56
Oct. 10, Pfander & Crossthwaith, Clarinda, Ia.	56.01
Oct. 20, T. W. McDonald, Lead, S. D.	539.20
Oct. 25, L. Buchendorf, Norfolk, Neb.	9.22
Oct. 25, Mrs. C. W. Moore, Clinton, Ill.	13.35
Oct. 29, Palmers' Greenhouses, Cherokee, Ia.	149.69
Nov. 4, Cochran Floral Co., Norfolk, Neb.	26.18
Nov. 10, N. C. Hanson, St. Paul, Minn.	46.76
Nov. 12, C. F. Swayger, Champaign, Ill.	95.20
Dec. 15, Harry L. & Lulu G. Hunt, Concordia, Kan.	61.88
Dec. 23, I. Van Stewart, Larned, Kan.	2.08
Dec. 23, Miller Bros., Abilene, Kan.	26.74
1916	
Jan. 26, Mrs. M. J. Ostrand, Abilene, Kan.	23.03
Apr. 5, H. E. Wallace, Wabash, Ind.	44.10
Apr. 12, Wm. High, Purcell, Okla.	74.54
Apr. 19, Furrow & Co., Guthrie, Okla.	707.10
May 3, Marion Floral Co., Marion, Ind.	17.92
May 10, Appleton City Greenhouses, Appleton City, Mo.	100.40
May 10, John R. Frank, Atlanta, Ga.	20.80
May 15, O. B. Stevens, Shenandoah, Ia.	107.52
May 18, Walter Truitt, Chanute, Kan.	846.50
June 10, Connor-Ulsh Floral Co., Wabash, Ind.	24.05
June 6, Bowen Wesley Speece, Carthage, Mo.	32.63
June 6, James R. Glass, Fredonia, Kan.	23.66
June 6, Andrew Guth, St. Louis, Mo.	16.60
June 6, H. S. McClenahan, Oklahoma City, Okla.	80.92
June 6, W. D. Alt, Pueblo, Colo.	424.00
June 6, Bird Forest, Waxahachie, Tex.	520.02
June 6, Andrew Meyers, St. Louis, Mo.	48.72
June 6, John J. Knoll, St. Louis, Mo.	272.16
June 6, John Stevens, Kansas City, Mo.	233.40
June 10, John M. Walther, St. Louis, Mo.	296.10
June 10, Charles A. Juengel, St. Louis, Mo.	66.70
June 10, J. E. Meinhart, Webb City, Mo.	213.18
June 10, Francis J. Fillmore, St. Louis, Mo.	172.80
June 10, Mrs. Geo. Hansen, Pittsfield, Ill.	25.79
June 10, Green Floral Co., Dallas, Tex.	433.64
June 10, Haskell Ave. Floral Co., Dallas, Tex.	97.46
June 10, George Rye, Ft. Smith, Ark.	64.96
June 10, Max Herzog, St. Louis, Mo.	14.00
June 10, Chas. Beyer, St. Louis, Mo.	143.52
June 13, George Bolt, Pueblo, Colo.	97.20
June 13, W. H. Kruse, St. Louis, Mo.	40.05
June 13, F. W. Ude Jr., Kirkwood, Mo.	119.96
June 14, E. H. Woerner, Arlington, Neb.	23.31
June 14, Albert P. Sheddeger, Kirkwood, Mo.	34.20
June 14, John P. Steinecke, Shrewsbury, Mo.	285.10
June 14, Geo. Hartman, Kirkwood, Mo.	50.10
June 14, M. W. Ude & Son, Kirkwood, Mo.	24.00
June 19, Henry F. W. Aue, Lindenwood, Mo.	1,087.80
June 19, Frank and Aug. Venneman, Kirkwood, Mo.	122.50
June 19, J. E. Muldoon, Kirkwood, Mo.	41.40
June 19, Janousek Bros., Omaha, Neb.	76.15
June 19, Henry Neimeyer, Webster Groves, Mo.	22.50
June 19, Mrs. Theodore Richter, Kirkwood, Mo.	7.60
June 19, Lang Floral and Nursery Co., Dallas, Tex.	99.83
June 19, Chas. H. Main, Maplewood, Mo.	94.65
June 19, Wm. J. Edwards, Kirkwood, Mo.	18.33
June 19, Joseph Deutschmann, Webster Groves, Mo.	45.10
June 19, Louis Zadina, S. Omaha, Neb.	312.40
June 19, August Hartman, Kirkwood, Mo.	26.50
June 19, George Deutschmann, Webster Groves, Mo.	66.00
June 20, Ernest Mackle, Webster Groves, Mo.	33.40
June 20, John R. Lomas, Dallas, Tex.	66.90
June 23, Henry Bachman, Minneapolis, Minn.	322.70
June 23, William A. Strouck, St. Louis, Mo.	198.63
June 23, Henry Blum, Richfield, Minn.	37.52
June 23, F. L. Parker, Hutchinson, Kan.	122.40
June 23, Lloyd C. Bunch, Fredonia, Kan.	65.52
June 23, Ben Albers, St. Louis, Mo.	277.48
June 27, George B. Windler, St. Louis, Mo.	419.60

Losses from July 26, 1915, to July 31, 1916—Continued

June 27, Emil Walther, Louisville, Ky.	\$6.02
June 27, Henry Holtkamp, Dallas, Tex.	14.10
June 27, W. A. Rowe, Kirkwood, Mo.	1,833.13
June 27, I. Van Stewart, Larned, Kan.	1.81
June 27, C. H. Green, Fremont, Neb.	766.27
June 27, Robert Wolfsberger, Kirkwood, Mo.	88.20
June 27, H. Weber & Sons Nursery Co., Nursery, Mo.	917.80
June 27, Helen M. Bemis and Mabel Craigie, St. Louis, Mo.	10.08
July 3, Stoke & Stoke, Great Bend, Kan.	545.86
July 3, Francis J. Fillmore, St. Louis, Mo.	37.70
July 3, Dykema & Wiersma, Fulton, Ill.	9.66
July 3, Wm. Schray & Sons, St. Louis, Mo.	845.99
July 3, A. S. Cerny, Kirkwood, Mo.	109.98
July 3, Jacob Tobler, Kansas City, Mo.	25.00
July 3, Thos. A. Ivey & Sons, Ltd., Port Dover, Ont., Can.	259.92
July 3, Chas. E. & Viola J. H. Thorne, Wooster, O.	18.48
July 3, Tom Kirkwood & Son, Kirkwood, Mo.	26.02
July 3, Wilson Elrod, Carthage, Mo.	3.15
July 3, Texas Seed & Floral Co., Dallas, Tex.	72.70
July 3, Wm. Forth, Rosedale, Kan.	32.05
July 3, Ernest Mueller, St. Josephs, Mo.	95.76
July 3, F. H. De Witt & Co., Wooster, O.	70.25
July 3, Frank Citta, Omaha, Neb.	147.00
July 3, Joseph Hauser, Webster Grove, Mo.	163.30
July 3, Adolph Fuchs, Webster Grove, Mo.	243.10
July 3, Robert Buck & Co., Washington Court House, O.	340.76
July 5, Christ J. Buesking, St. Louis, Mo.	227.36
July 5, Gust. Gross, Webster Groves, Mo.	164.45
July 5, M. H. Wetherbee, Charles City, Ia.	59.57
July 5, Oakland Floral Co., Oakland, E. Kirkwood, Mo.	245.80
July 10, Rudolph Gross, Webster Groves, Mo.	94.75
July 10, Oscar C. May, Webster Groves, Mo.	430.60
July 10, B. P. Martin, Rosedale, Kan.	141.68
July 10, Charles Kraatz, St. Louis, Mo.	119.30
July 10, P. Clausen & Son, Albert Lea, Minn.	307.12
July 10, Hugo C. Gross, Kirkwood, Mo.	153.18
July 10, Cannon Floral Co., Webster Groves, Mo.	789.68
July 10, C. D. Martindale, Caney, Kan.	24.22
July 10, Kemble & Goodman, Mason City, Ia.	197.40
July 10, Wm. P. Heigert, Dallas, Tex.	22.24
July 10, Arnold Sheddigger, Kirkwood, Mo.	309.70
July 10, W. J. Pilcher, Kirkwood, Mo.	74.95
July 11, Brinton D. Cook, Wichita, Kan.	8.50
July 11, Robert Bruns, Pacific, Mo.	30.15
July 18, John M. Walther, St. Louis, Mo.	48.30
July 18, W. R. Heite, Mirriam, Kan.	77.28
July 18, Louis Handerson, Omaha, Neb.	198.83
July 18, H. D. Davis, Polo, Ill.	8.19
July 18, Charles Beyer, St. Louis, Mo.	79.52
July 18, F. E. Blake, Columbus, Kan.	500.00
July 18, A. Nelson, Rocky Ford, Colo.	44.20
July 18, Steinhauer Floral & Nursery Co., Pittsburg, Kan.	252.98
July 18, Mrs. John Lenz, Jefferson Barracks, St. Louis Co., Mo.	35.87
July 18, Hiawatha Gardens, Minneapolis, Minn.	62.02
July 18, William Stuckmeyer, St. Louis, Mo.	89.67
July 18, Lloyd C. Bunch, Fredonia, Kan.	36.75
July 18, Harry R. Sarver, Dallas, Tex.	54.40
July 18, John G. Knoll, St. Louis, Mo.	907.90
July 18, A. Gardiner, Mangum, Okla.	37.56
July 18, Arthur Dickson, Martins Ferry, O.	10.92
July 20, B. C. Johnson, Sterling, Colo.	92.12
July 20, Asher M. Coe, N. Olmstead, O.	39.09
July 20, I. Van Stewart, Larned, Kan.	18.04
July 24, Fred W. Bruenig, St. Louis, Mo.	704.54
July 24, Theo. Russell, Jamestown, N. Y.	63.00
July 24, Robbins & Son, Loveland, Colo.	51.90
July 24, Theo. G. Brown, St. Louis, Mo.	12.11
July 24, G. E. Barthold, Nebraska City, Neb.	81.76
July 24, S. A. E. Lyman, Cleveland, O.	364.00
July 27, Albert H. Kehrer, Martins Ferry, O.	16.05
July 27, Adolph Lyscio, Joplin, Mo.	281.12

\$55,372.74

Investments for 1915 and 1916

Jan. 6, 1916, Harris, Forbes & Co., 2 bonds, City of Houston, Tex., with accrued interest to Jan. 15, and premium.	\$2,121.72
June 23, Harris, Forbes & Co., 3 bonds, King Co., Washington, with accrued interest to June 24.	3,299.68

\$5,421.40

Reserve Fund Investments

	Par Value
Atlantic City, N. J., bonds 4.5 per cent.	\$2,000.00
City of Waco, Tex., bond 5 per cent.	1,000.00
Borough of Homestead, Pa., bond 4 per cent.	1,000.00
Borough of Fairview, N. J., bonds 5 per cent.	7,000.00
Province of Alberta, Canada, bonds 4½ per cent.	5,000.00
City of Scranton, Pa., bonds 4 per cent.	2,000.00
County of Bergen, N. J., bonds 5 per cent.	4,000.00
City of Houston, Tex., bonds 5 per cent.	2,000.00
Borough of Edgewater, N. J., bonds 5 per cent.	4,000.00
Allegheny, Pa., bonds 4 per cent.	1,000.00
Borough South River, N. J., bonds 5 per cent.	6,000.00
King Co., Washington, bonds 5 per cent.	3,000.00

\$38,000.00

Recapitulation

To balance on hand July 26, 1915.	\$36,730.12
To total receipts for year ending July 31, 1916.	37,050.25

\$73,780.37

Cr.

By losses paid July 26, 1915, to July 31, 1916.	\$55,372.74
By expenses.	3,848.38
By investments.	5,351.40
By balance on hand Rittenhouse Trust Co.	9,207.85

\$73,780.37

Signed, JOSEPH HEACOCK, Treasurer

We have audited the accounts of the Treasurer and the Secretary of the FLORISTS' HAIL ASSOCIATION OF AMERICA for the period from July 27, 1915, to July 31, 1916. We have verified the balance on deposit with the Rittenhouse Trust Company, and have examined the securities held as investments, and we certify that the foregoing is a correct statement of the receipts and disbursements during the period.

PRICE, WATERHOUSE & COMPANY,

Philadelphia, August 1, 1916.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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R. J. HAIGHT, well known publisher of Park and Cemetery, is reported to be interested in a plan for the establishment of a supply house.

Personal.

Arthur S. Thurston, formerly of the Department of Floriculture at the Massachusetts Agricultural College, Amherst, has taken a position as assistant professor of floriculture at Iowa State College, Ames.

A REPORT of French bulb crop conditions of very recent date, of general interest to florists and seedsmen, will be found on page 270, this issue.

American Rose Society.

DEPARTMENT OF PLANT REGISTRATION.

The following new roses have been registered with the American Rose Society:

Muriel Moore—Registered by Frank L. Moore, Chatham, N. J. The flower is white; when in bud, bluish white. The bud is longer than My Maryland and not quite so double. The foliage is distinctly different, the leaflets having a rich green color, are narrower and have edges more finely serrated; in fact, the edges are almost smooth. It is a profuse bloomer.

Los Angeles—Registered by Howard & Smith, Los Angeles, Calif. Color, flame pink shaded to yellow, toned with salmon. Foliage light green, extra heavy. Buds longer and pointed, opening to a bloom of heavy proportion. Origin or progeny, a cross between Madame Segon Weber and Lion. Growth extremely vigorous; has none of the die back habits of Lion.

TEST GARDEN COMMITTEE REPORT.

The rose test garden committee consisting of Wallace R. Pierson, Alex. Cumming, Jr., and John F. Huss, reports on examination of the Hartford test garden as follows:

The committee appointed to judge the new rose entries visited the Hartford test garden July 5. The varieties of this season's entry were not considered in condition to judge until better established. Among those entered previous to this season, the following climbing roses were examined and received awards:

Dazzling Red—79 points. Entered by W. A. Manda, South Orange, N. J.

Mrs. Longwood, 78 points. Entered by the Conard & Jones Co., West Grove, Pa.

It was a source of gratification to the judges to note the splendid behavior of the varieties previously awarded silver medals, every one of which stood out conspicuously among the older entries.

BENJAMIN HAMMOND, Sec'y.

Cleveland Industrial Exposition.

At the Industrial Exposition and Fair to be held in Cleveland September 2-9 the Cleveland Florists' Club will make a community exhibit, exploiting the use of flowers for all purposes. The expense will be paid out of a co-operative advertising fund. Timothy Smith, chairman of the flower show committee, has appointed F. C. W. Brown, of the J. M. Gasser Co.; Chas. Russell, of the Jones-Russell Co., and Frank Pitzenthaler, of Knoble Bros., a committee to plan and execute this most interesting display. The committee plans to distribute a neat folder, calling attention of the public to the club's progress in Cleveland.

Among those who have already taken space in the flower show tent are: Storrs & Harrison Co., Painesville, O.; B. Hammond Tracy, Wenham, Mass.; Stump & Walter Co. and John Scheepers & Co., Inc., New York; Hitchins & Co., Elizabeth, N. J.; Eagle Wire Works, Liquid Fertilizer Co., Garden Soil Co., Cleveland Bird Lovers' Association and Templin-Crockett-Bradley Co., operating the Children's Flower Mission, Cleveland.

Gladiolus Notes.

Gladiolus Panama, now grown by the American trade, is not the first variety of that name. When the Isthmian canal was in a fair way to become a French institution, Vilmorin, in Fleurs de Pleine Terre, described another variety under that name as follows: "Strong spike; large flowers; intense rose carmine washed with scarlet and lightly fringed with slate color; white blotch."

Growers are complaining of the effect of draught in the production of short spikes, some of them so short as to be useless for cutting, and no doubt the continued dry weather will materially affect the growth of the bulbs.

Gladiolus spikes not intended for cut bloom should be bent over or doubled rather than cut off. This will help the development of the bulbs and prevent the danger from rot which follows cutting the spikes.

Violet Shortage at Rhinebeck.

One of the well known violet growers of Rhinebeck, N. Y., writes as follows July 11: "I have no violet plants for sale this year; in fact, have to buy some to fill out if I can get them. All the growers are short of plants on account of losing one-half to two-thirds of their plants from the damp cold weather in May and June. About one-third of the growers here have gone out of business for the season on this account."

State Fairs.

The following is a list of coming state fairs with the names and addresses of the superintendent of the horticultural and floricultural departments so far as obtainable:

August 23-September 1, Des Moines.—Iowa State Fair and Exposition. Elmer Reeves, Waverly, superintendent of horticulture; Wesley Greene, Capitol building, superintendent of floriculture.

August 28-September 1, Columbus.—Ohio State Fair. Fred Shipp, Coshocton, superintendents of horticulture and floriculture.

September 2-9, Sacramento.—California State Fair. Chas. W. Paine, secretary.

September 2-9, Cleveland.—Industrial Exposition and Fair. Edgewater Park. M. A. Vinson, manager, 1393 West Twenty-fifth street, Cleveland, O.

September 4-8, Wilmington.—Delaware State Fair. R. T. Buckingham, Newark, Del., superintendent of horticulture and floriculture.

September 4-9, Homeline, St. Paul.—Minnesota State Fair. J. V. Bailey, Newport, Minn., superintendents of horticulture; W. H. Bofferdung, 1221 Washington avenue, St. Paul, superintendents of floriculture.

September 4-13, Detroit.—Michigan State Fair. H. S. Newton, Hart, Mich., superintendents of horticulture; Jacob Baumann, Detroit, Mich., superintendent of floriculture.

September 7-12, Indianapolis.—Indiana State Fair. Charles H. Lindley, Salene, Ind., superintendent of horticulture and floriculture.

September 11-16, Louisville.—Kentucky State Fair. Fred R. Blackburn, Stanton, Ky., superintendent of horticulture; H. M. Fromau, Ghent, Ky., superintendent of floriculture.

September 11-16, Syracuse.—New York State Fair. C. G. Porter, Albion, N. Y., superintendent of pomology; David Lunden, Ithaca, N. Y., superintendents of floriculture.

September 12-16, Milwaukee.—Wisconsin State Fair. N. F. Rasmussen, Oshkosh, Wis., superintendent of horticulture; Arthur Leidiger, 349 Third Street, Milwaukee, Wis., superintendent of floriculture.

September 12-16, White River Junction.—Vermont State Fair. D. H. Stafford, Brattleboro, Vt., superintendent of horticulture and floriculture.

September 19-25, Hutchinson.—Kansas State Fair. O. A. Whitney, Topeka, Kans., superintendent of horticulture.

September 23-30, Sedalia.—Missouri State Fair. J. C. Evans, Olden, Mo., superintendent of horticulture; J. C. Evans, Olden, Mo., superintendent of floriculture.

September 25-29, Trenton.—Trenton Inter State Fair. Arthur J. Farley, New Brunswick, N. J., superintendent of horticulture and floriculture.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.
Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Gardener on private place, good designer, married, address,
Key F, care American Florist.

Situation Wanted—By practical all around man with 18 years experience in most all branches of the trade. Married and have family.
Address, Key 656, care American Florist.

Situation Wanted—By a competent gardener and florist, scientific and practical experience in greenhouse management and care of grounds, prefer place as head gardener or superintendent of grounds.
Key 666, care American Florist.

Situation Wanted—Young American, 23 years old, four years' experience in growing and gardening, wishes to locate with private place. No quitter. Best references, give particulars in full.
Address Key 664, care American Florist.

Situation Wanted—As gardener or foreman by married man, age 31: life experience in Europe and U. S. Experienced greenhouseman. Only A1 private place desired.
Address
GARDENER, 915 Sheridan Road,
Hubbard Woods, Ill.

Situation Wanted—Storeman, thoroughly capable in all branches, with ten years' of Eastern experience, wishes an opening by Sept. 1st. Make my own sketches for decorations. Can come well recommended.
Address
Key 669, care American Florist.

Help Wanted—Young man to help put up orders and work around greenhouse.
LEVANT COLE, Florist,
89 Weddell St., Battle Creek, Mich.

Help Wanted—Good reliable traveling sales' man for market garden and retail trade. Steady employment. Give full particulars as to experience and territory. Salary and references.
J. F. NOLL & Co., 115 Mulberry St.,
Newark, N. J.

Help Wanted—First class salesman, designer, decorator and manager for a large Chicago loop retail store. Only men who can furnish unquestionable reference need apply. Also a good saleslady. For further particulars
Address, Key 657, American Florist.

For Sale Cheap—Glass and all kinds of greenhouse material. Going out of business. Address
838 31st St., Milwaukee, Wis.

For Sale—Good paying retail store in Chicago at a bargain. Splendid opportunity for the right party. Address
Key 661, care American Florist.

For Sale—Good paying florist stand in one of Chicago's leading buildings for \$200 spot cash which includes all supplies, fixtures, etc. For further particulars, address,
Key 665, care American Florist.

For Sale—In Texas, 20,000 square feet of glass in first-class condition, residence, garage and sales room all modern, no competition. This place is paying 40% on investment, ideal climate. If you mean business, address
Key 670, care American Florist.

For Sale—Two greenhouses without ground or with it; an old established place, houses in fair condition, one 25x120 feet, other 20x75 feet, in Lansdowne, Pa., two blocks from railroad station, 13c fare to Broad St. station. A very fine neighborhood. Address
Key 667, care American Florist.

For Sale—½ ton panel top White delivery truck in good condition at a big bargain. Owner who is a Chicago retail florist has two machines of the same make and will give the buyer his choice of either car at a figure that will make him buy. Car can be inspected at your convenience. For further particulars, address
Key 654, care American Florist.

For Sale—100 boxes 10x12 and 12x12 glass, \$1.50 per box; 75 boxes 8x10 glass, \$1.00 per box; 1 Morehead Steam Trap, \$25; 1 in., 1¼ in. and 2 in. second hand pipe, good condition, 2c, 3c and 5c per foot; 9 Evans Ventilating Machines, including arms and hangers; also a lot of pipe hangers, 1 in. pipe and 2 in. pipe—the whole lot for \$75.
FLORIST, 1775 Charles St., Wilmette, Ill.

Greenhouses For Sale or Rent—Three houses, each 30x90, potting shed and room for man. Lord & Burnham construction, iron frames, in excellent repair, hot water heat. Will rent to steady, reliable party for \$30 month, or will sell houses without ground for \$2,000, giving ground lease for ten years.
J. L. DAY, Swarthmore, Pa.

Wanted to Rent—Twenty to forty thousand feet of glass near Chicago. For further particulars address
Key 655, care American Florist.

Wanted to Rent—A small range of greenhouses in Chicago on the north side. For further particulars address
Key A, care American Florist.

HELP WANTED.

Wanted at once a young man with some experience in the seed business, for general office work; good handwriting indispensable; and quick and correct at figures. Preference given to one used to compiling catalogue matter and getting same ready for printers. State full particulars as to previous employment, references, and salary expected. Address
R, care of Box 1449,
New York Post Office, New York City.

"Seedsman's Assistant"

Advertiser wants copy of the "Seedsman's Assistant," by Charles Johnson. State condition of book and price.

Address
Key 653, care American Florist.

WANTED

CACTI AND SUCCULENT PLANTS.

Correspondence is invited from American Nurserymen in position to collect and ship rare Cacti and Succulent plants and seeds. Send fullest particulars of varieties, sizes, prices, terms, etc. Large business possible.

FOUR OAKS SPRAYING CO.,
Sutton Coldfield, Birmingham, England

Wanted to Exchange

As part payment on small range of greenhouses located near Chicago, well paying retail store located on north side of Chicago; established over 6 years. Address
Key 670, care American Florist.

SITUATION WANTED

By A1 grower as working foreman or grower on retail place, capable of taking charge and handling men. Life experience in roses, carnations, mums, bulbs, Xmas and Easter plants, good propagator, American, single, age 39 years, sober and reliable. State wages and particulars. References furnished.
Key 668, care American Florist.

Mail Order Seed House FOR SALE.

Charles C. Cunningham, Trustee in Bankruptcy for the Mills Seed Company, of Washington, Iowa, offers the real and personal property of the Company at private sale until August 31, 1916, and if unsold then, will sell at public auction August 31, 1916, at 10 a. m.

The property consists of a 3-story brick building 40 x 100 feet with full basement, 2 lots in connection, switching rights, with stock of seeds inventoring \$16,419.35, mailing list, supplies, and full equipment of tools, fixtures, etc.

Excellent opportunity for anyone who wants to buy a going concern. Address the Trustee for full information.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2¼x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 600, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada


New Edition Just Out.

Price: \$3.00, postpaid

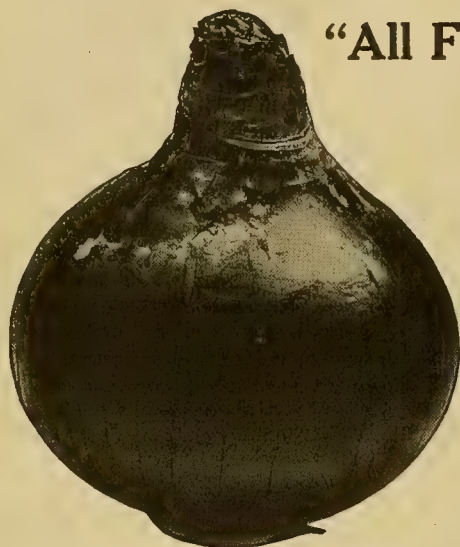
AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO

 You need it now for names and addresses.

FRENCH PAPER WHITE GRANDIFLORA



"All Florists' Stock in Season." We Are First Again
With French Deliveries.

Fancy (1250 bulbs to case).....
Star Brand (1000 bulbs to case).....
Precocious, (Vaughan's Extra
Early Grandiflora—
Select Bulbs.....
Mammoth Bulbs.....

Write
for
Prices.

Lilium Formosum

Per 1000

7 to 9-inch (250 to case).....\$58.00

9 to 10-inch (180 to case)..... 80.00

FREESIAS.

Purity (True).

	Per 100	Per 1000
5/8-in. and up	\$1.75	\$15.00
1/2-in. to 5/8-in.....	1.25	10.00
3/8-in. to 1/2-in.....	1.00	7.00

Vaughan's Improved Purity.

	Per 100	Per 1000
5/8-in. and up	\$2.00	\$18.00
1/2-in. to 5/8-in.....	1.75	15.00
3/8-in. to 1/2-in.....	1.50	12.00

French Grown.

Mammoth, 1/2-in. to 3/4-in..... Per 1000 \$8.00

Cables show shortage.
Write for details.

Lilium Harrisii

Best Bermuda Stock

Per 1000

6 to 7-inch (335 to case).....\$55.00

7 to 9-inch (200 to case)..... 85.00

Cold Storage Lilies

Per 1000

Lilium Multiflorum, 9 to 10-inch, \$75.00

Valley Pips, Holland Grown..... 17.00

German " 25.00

Danish " 20.00

CHICAGO

VAUGHAN'S SEED STORE

NEW YORK

Mention the American Florist when writing

Los Angeles.

MANY FUNERALS STIMULATE DEMAND.

Quite a feature of the market was a flurry caused by the unusual amount of funeral work. Many of the shops also reported a good demand in this line. There is a splendid stock of asters on hand, and they are much used in funeral designs. Cool weather prevails again, and conditions are in consequence favorable to outdoor flowers. Lilium rubrum is plentiful and is making a good showing. Dahlias are in their glory, but gladioli are about finished. Centaureas are seen everywhere, but only a few places are showing the Centaurea Mori, which appears to be a double flower. Its long silk-like flower heads are really a sight.

NOTES.

O. C. Saakes is attracting attention to his store with a very artistic window in yellow, using dahlias, French marigolds and gaillardias. The interior of the store was crowded with funeral designs at the time of our visit. Three casket covers were turned out in one week, which is going some toward a record. The demand for funeral work is reported the heaviest for the month of August in the history of the establishment.

Several improvements have been made in the salesroom of Wolfskill

Bros. & Morris Goldenson, one of which is a very attractive mirror which adds much to the pleasing interior effect. Jack D'Ortignac, formerly with this firm, has returned after an absence of five years and is again in their employ, and seems pleased to get back to this land of flowers.

Wright's Flower Store, Inc., is another busy place. The showing of Lilium rubrum made here is excellent and roses are a feature, especially some American Beauties of quality.

The salesroom of Seki Bros. & Co. has been in the hands of the decorators in preparation for the busy season anticipated. Their stock is looking very well.

The Redondo Floral Co. appears to be getting its full share of the increased business. The force has been working up to the limit on funeral orders.

Howard & Smith report business equaling the ordinary June demand. They are making a splendid display of their new rose, Los Angeles.

S. Murata & Co. are still doing a heavy shipping business, notwithstanding the lateness of the season.

The Broadway Florists are enjoying big business. A large force has been kept busy of late on bouquets.

G. H. H.

Boston.

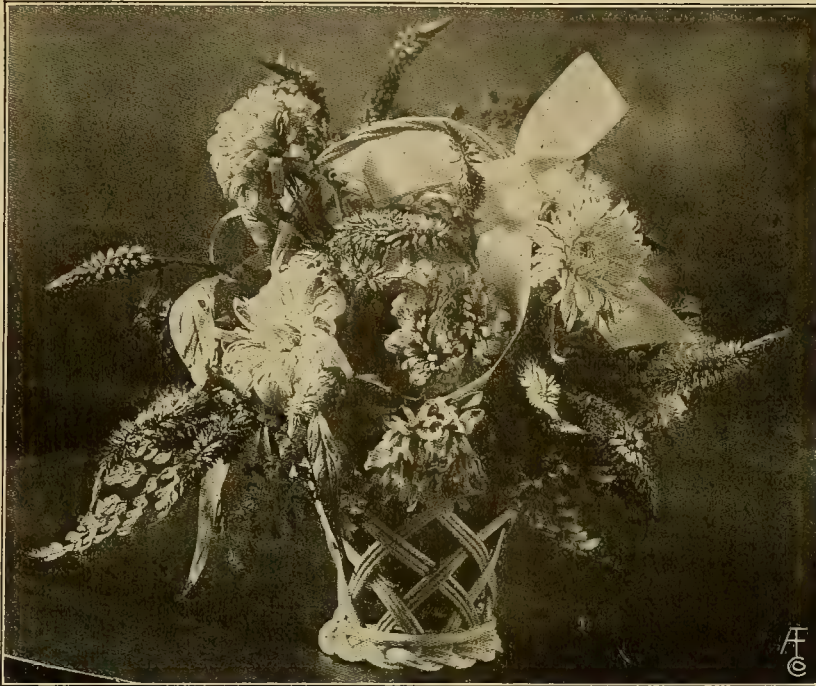
LIMITED SUPPLY HOLDS MARKET FIRM.

Business has been very good this week, owing to the general scarcity of flowers. The early asters are about all cut for this season and there are very few mid-season varieties obtainable. The good flowers sell for \$3 per 100, a price which has never before been attained for an average. Gladioli also sell well at from \$3 to \$6. The rains and high winds, which have accompanied severe electrical storms, have damaged all outdoor stock, and some growers of gladioli were almost completely ruined. Roses are scarce and are bringing mid-winter prices. Carnations are practically out of the market, the few which are coming in being of inferior quality. There does not seem to be any relief in sight for the scarcity of flowers and it is expected that stock will be in even shorter supply before large quantities are obtainable.

The gladiolus show, which was held at Horticultural hall, August 12-13, was a success, considering the severe rain-storm which preceded it and damaged so many blooms. There were several large displays, which were especially fine, among which was that of Mr. Fairbanks, of Melrose, and John Lewis Childs, Inc., of Flowerfield, N. Y.

F. L. W.

BUY BAYERSDORFER'S BASKETS



Start the Season Right

With an assortment
of our latest baskets

Look Well=Fill Well=Sell Well

All have tins to fit.
Display Your Flowers In Them.

Baskets of all Descriptions.

Largest Stock of
FLORISTS' BASKETS
IN THE WORLD.

Goods Just Arrived—Mats, all colors,
Immortelles, all colors, Minerva Grass,
all colors, Red Ruscus, Colonial Bou-
quet Papers, Japanese Vases.

Send for our Illustrated Catalogue of
**Everything in up-to-date
Florists' Supplies.**

H. BAYERSDORFER & CO., 1129 ARCH ST., PHILADELPHIA, PA.

Mention the American Florist when writing

Holland Grown Bulbs

HYACINTHS, TULIPS, NARCISSI, ROSE BUSHES, ETC.

Write for information about the **MAMMOTH AUCTION SALES** that we will hold during the coming Fall Season, of Holland's latest and choicest varieties.

The MacNiff Horticultural Company

52, 54 and 56 Vesey Street The Largest Horticultural Auction Rooms in the World NEW YORK CITY

Mention the American Florist when writing

Kansas City, Mo.

MARKET CONDITIONS IMPROVED.

Market conditions have shown some improvement since our previous report. Asters are becoming more plentiful, but the grade of stock does not improve—they are small in size and few are of very good quality. Gladioli have picked up considerably, both in number and size. They are a big leader as many are of prime quality. Lilies are more plentiful and are better in every way. Roses are fair, but do not sell well, owing to the hot weather, which causes them to open before they reach the market. Much outdoor stock is gone, as it blasts before it reaches the blooming stage.

NOTES.

T. J. Noll & Co. are installing a new refrigerator of generous proportions, and with this in place the firm will have one of the best equipped supply houses in the middle west. Gladioli and asters are leaders here, and the

quality is unsurpassed. This firm's asters are like young chrysanthemums—bloom and sell on sight.

Arthur Newell reports everything running in satisfactory shape and has no complaint to offer; in fact, business has held up surprisingly well here. He has received a shipment of elm bark canoes to be filled with plants, and expects to make quite a hit with them.

Geo. M. Kellogg Flower & Plant Co. reports a scarcity of stock. Their greenhouses have been unable to meet the demand, and they have been receiving part of their requirements from outside sources. Manager Parker is still away on his trip.

The Alpha Floral Co. reports the best trade during the summer months and the number of orders sent out from this establishment bear out the statement. Howard Bartlow and Miss Ellen Collins are away on vacations.

Frank L. Barnes, youngest son of W. J. Barnes, was united in marriage August 9 to Miss Stella M. Shepherd.

The happy couple have the best wishes for health and prosperity.

Funeral work has been a factor at the Wm. L. Rock Floral Co.'s store. They are receiving some flowers from the outside, as their stock at the greenhouses is small.

H. Kusik & Co. report trade about normal. They have a good supply of gladioli and lilies. Asters are complained of as being small and tight; roses are a scarcity.

J. B. Masson of Kansas City, Kan., has three houses planted, one each of chrysanthemums, carnations and roses. All of the stock shows fine condition.

At the Patrick Larkin establishment there has been a good demand for funeral work. Fine gladioli are featured here.

Visitors: Geo. Hampton, Philadelphia, Pa.; M. Langdon, Burlington, Ia.; J. J. Hess, Omaha, Neb., en route to the Houston convention; Frank Stuppy, St. Joseph, Mo., also convention bound.

E. J. B.

FIELD GROWN CARNATION PLANTS

Extra fine clean, healthy stock in the following varieties and quantities. Order early—first come—first served.

2500 Pink Enchantress

2000 White Enchantress

1200 Winsor

1200 C. W. Ward

2500 Victory

All \$5.00 per 100 per single hundred lots; \$4.50 in lots of 250;
\$40.00 per 1000 in lots of 500 or more. •

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave. Chicago

San Francisco.

USUAL SUMMER DULLNESS PREVAILS.

There is very little improvement to report in the condition of the market in this city. The usual summer dullness prevails, but it is expected that this will in all probability end with the current month. Of outdoor stock, dahlias hold the upper hand at present and there are myriads of them, but only the very finest have any reasonable market. The usual supply of outdoor summer stock is already showing signs of wear and is in poor demand. Gladioli are still plentiful and good, sweet peas are about on their last legs and very poor at that. Good roses are not in oversupply. There are some fairly good American Beauties and Mrs. Chas. Russell to be had and these are easily disposed of. The call for other roses is very limited. Good carnations are not to be had in any quantity. This condition prevails every year at this season, and they are very likely to be in short supply for some time to come. Cattleyas are scarce and many more could be disposed of if they were available. Lily of the valley is none too plentiful and firm. Liliun rubrum, album and auratum are arriving freely. This stock was not planted so heavily this season as in former years and as a consequence is firmly held at good prices. Hydrangeas, both cut and in pots, are in over supply and are moved with difficulty. There is a very abundant supply of greens of every description. Chrysanthemums have made their appearance in limited quantities, but as yet do not seem to meet with much favor; one reason, and I believe the chief one, is that they do not keep well at this season of the year.

NOTES.

Great preparations are being made by the California Dahlia Growers' As-

sociation for their first annual show, which will be held in the Palace Hotel, on September 7-9. The prizes being offered are very generous and there is no question but that the show will be a great success. Wm. Kettlewell of San Mateo and F. Burns of San Rafael promise to be the largest exhibitors. That this is not going to be the only dahlia show held in this city this fall is evidenced by the fact that the Park-Richmond Improvement Club will hold a dahlia show in Park-Richmond hall, 649 Balboa avenue, on August 26-27. The growing of this popular flower in that part of the city has assumed large proportions, as the soil and climatic conditions of that part of the city are particularly adapted to the growth of the dahlia. The committee having charge is: B. Schloss, chairman; George R. Meyerderks, secretary; C. Goecker, Philip Werner, Louis Kuttner, R. C. Delometer, and L. A. Colton, president of the club.

George W. Clarke, who has been for many years assistant manager of the California Nursery Co. at Niles, has resigned his position with that company to join the staff of C. W. Wood's Cottage Gardens Nurseries at Eureka, as head of the sales department. Mr. Clarke is one of the best informed plantmen on the coast and he carries with him the best wishes of the trade for his success. He is at present visiting the trade in the west in the interests of the Cottage Gardens Nurseries.

M. H. Ebel of Sacramento was a recent visitor. He reports that preparations are almost completed for the flower show to be held in that city this fall. He is very enthusiastic over the exhibition, and reports that nearly all the prominent growers, both of plants and flowers, have expressed a desire to exhibit. Mark is "there" when he "starts a thing," so the suc-

cess of the show is assured even at this early date.

Mud Lake, which for years has been within the city limits, but practically unknown to the great majority of the citizens of this city, is to be transformed into a public park. John McLaren, superintendent of Golden Gate park, is already working on plans which will turn this deserted and unfrequented body of water into one of the city's most beautiful playgrounds.

The Lynch Nursery Company of Menlo Park has disposed of a part of its land holdings at Redwood City to the Christopherson Aeroplane Co. for a factory site. They have also leased to the same company 200 acres of land, which will be used as an aviation school for the National Guard aviation corps.

John M. Hardyzer of the firm of H. M. Hardyzer, Boskoop, Holland, was a recent visitor in town, having just returned from a European trip. Mr. Hardyzer remained several days in town before leaving for Wapato, Washington, where he is interested in the Ornamental & Fruit Nursery Co.

E. W. McLellan is back at his office again after his month of military training at the Citizens' Military camp at Monterey. Among the most prized articles he brought along with him was a silver cup which was presented to him by his company rookies for proficiency in baseball.

The city of Vallejo has for some time wanted to have a fall flower show and has appointed committees to consult with the Chamber of Commerce to ask the leading growers adjacent to this city for their support. There is no date set as yet, but this will be announced later.

Richard Cruikshank has taken over the greenhouses used by the San Mateo County Commission during the World's



HOME OF THE NEW CARNATION THENANTHOS.

(From Photograph Taken July 14, 1916.)

Best Brilliant Scarlet Carnation in Commerce Today

Average size of bloom $3\frac{1}{2}$ inches in diameter. A constant and prolific bloomer free from all diseases, rust and stem rot, and an excellent keeper, with a rich spicy and enduring fragrance. Thenanthos was the best seedling carnation exhibited at the Chicago Grand Floral Festival, Nov. 9-14, 1915., and was awarded a Bronze Medal and the Silver Sweepstakes Cup.

Thenanthos Will be Disseminated January 1, 1917.

Rooted Cuttings \$12.00 per 100; \$100.00 per 1000.

BOOKING ORDERS NOW.

ANTON THEN

2219 Winnemac Avenue,

CHICAGO, ILL.

Fair. These greenhouses are located at San Carlos and will be used by Mr. Cruikshank for the growing of pot plants.

Thomas Thompson of Santa Cruz reports the summer business as being unusually quiet. He says the harvesting of the freesia crop is about completed, with the best crop on record.

Andrew McDonald is now in charge of the orchid range of the MacRorie-McLaren Co.

G. N.

DENVER, COLO.—Charles E. Johnson is building one house, 55x150 feet, at 620 Gaylord avenue. Cost, \$2,000.

ST. PETER, MINN.—The greenhouses of Emil Samuelson have been purchased by A. J. Loegering of New Ulm, who will take possession, September 1. Twenty-eight acres of land are included in the transfer.

Buffalo, N. Y.

SUPPLY EXTREMELY LIMITED.

Trade during the past week has been only fair with a shortage of stock. An idea of the appalling situation in this respect is shown in the fact that about 100 roses, 300 carnations and a like amount of asters to satisfy about 50 customers at the Wm. F. Kasting Co.'s wholesale establishment. Even toothpicks and wire are reported as scarce. American Beauties are not plentiful, but there is a good demand for them. Sweet peas are about at the finish and gladioli and lilies are about the only salvation for a show in the stores.

The only event of any importance during the past week was the wedding of two of this city's most popular young people. The pre-nuptial entertainments were numerous and the florists did their best in the way of decorations. At these events many artis-

tic arrangements were made, garden flowers such as phlox, candytuft, snapdragons and outdoor roses arranged in garden baskets were cleverly done. A water effect was the feature at another function, large pans being surrounded with green moss and suitable plants with pink and white pond lilies in the water, other flowers and green adding to the beauty of the scene. The bride's table was also very well done. For the ceremony the church was decorated with gladioli, hydrangeas, palms, etc., the arrangement being by D. Newlands & Co. At the house the tables were arranged by W. J. Palmer & Son, gladioli, pink roses and asparagus, with small baskets of flowers prettily arranged. The bride's bouquet, as well as those of the bridesmaids and maid of honor harmonized with the gowns. These were furnished by S. A. Anderson and reflected his usual excellent taste. BISON.



You can be safe only by dealing with a firm that has a reputation and experience. Ask our customers. Every time they'll answer that we do what we say. We make no exaggerated claims; but we live up to our promise.

Beauties, Russell, Orchids, Aster Full Assortment of Roses

CURRENT PRICE LIST—In Effect Now.

AMERICAN BEAUTIES.		Per doz.
Long	\$3.00 to \$4.00	
30-inch	2.50	
24-inch	2.00	
20-inch	1.50	
Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00.		

OPHELIA, RICHMOND, MILADY, SUNBURST, KILLARNEY BRILLIANT, KILLARNEY, WHITE KILLARNEY, WARD.		Per 100
Long	\$8.00	
Medium	\$4.00 to 6.00	
Short	3.00	

MRS. CHAS. RUSSELL.		Per doz.
36 inches long	\$2.50	
30 inches long	2.00	
24 inches long	1.50	
18 to 20 inches long	1.00	
Short	per 100, \$4.00, \$6.00	

CECILE BRUNNER OR SWEETHEART ROSE.		Per 100
Best	\$3.00	
Medium	2.00	
Short	1.50	

ASTERS.		Per 100
Best	\$3.00	
Medium	2.00	
Short	1.50	

MISCELLANEOUS CUT FLOWERS.		Per doz.
Lilies		
Gladioli		
Feverfew .....	.50 cents per 1	
Gypsophila	\$1.00 per 1	
CATTLEYAS	per doz.,	
VALLEY	\$4.00, \$5.00, \$6.00 per	

GREEN GOODS.		Per doz.
Mexican Ivy		
Smilax		
Sprengeri and Asparagus Sprays	\$2.00 to	
Adiantum	1.00 to	
Galax (bronze and green)	per 1,000	
New flat ferns	per 1,000	

Grafted and Own Root Rose Plants.

Grafted, 3½-inch Stock.

\$140.00 per 1000.

2750 Pink Killarney	600 Old Gold
500 White Killarney	450 Richmond
900 Brilliant	1300 Scott Key
1465 Milady	1000 Elgar

Grafted, 2½-inch Stock.

\$100.00 per 1000.

500 Pink Killarney	700 Old Gold
4050 White Killarney	100 Richmond
3650 Brilliant	200 Elgar
900 Wards	350 Scott Key
190 Milady	

Own Root, 3½-inch Stock

\$96.70 per 1000.

4300 Pink Killarney	85 Scott Key
1155 White Killarney	90 Brilliant
200 Old Gold	300 Elgar
75 Wards	2100 Richmond

Own Root, 2½-inch Stock—\$56.70 per 1000.

1500 Pink Killarney	70 Scott Key	225 Sunburst	1000 Richmond
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CALADIUMS

Finest fancy leaved varieties, 25c, 35c, 50c, 75c, \$1.00 and \$1.50 each.

	100	1000
Begonia Chatelaine, 2¼ in.	\$ 3.50	
3 in.	8.00	
4 in.	15.00	
5 in. each, 25c		
Begonia Lorraine, 2 in.	10.00	
2½ in.	12.00	
Coleus Emperor Wilhelm, 3-in., 8c each; 4-in., 15c each.		
Crotons—5-inch, \$7.20 per doz.; 6-inch, 75c and \$1 each.		

Cyclamen—3 inch, \$8.00 per 100.
Seedlings, \$40.00 per 1,000.

	100	1000
Primulas Grandiflora and Giant strain, only the choicest varieties, summer delivery, 2¼ in.	3.00	

Smilax, strong new stock, 2¼ in. 2.50		
3 in.	6.00	50.00

Boston Ferns, 5-inch, 40 cents each.		
Boston and Roosevelt Ferns, 6-in., 75c each; 7-in., \$1.00 each.		
Whitmani, 6-in., 75c each.		
Table Ferns, 2¼-in., \$3.00 per 100.		

BOXWOODS		Each
15-in. in burlap .....		.40
18-in. in burlap .....		.50

POEHLMAN

72-74 E. Randolph St.,

SUPPLY DEPARTMENT

Those who have seen our display of Prepared Pastel and Translucent Foliage declare it the best ever offered. For Window Decorations it cannot be excelled. Be sure and send for Sample and Prices before you buy your Fall Decorative Materials.

Sphagnum Moss, fresh from the woods, 12 bales for \$10.00

Oak Sprays (Short) per box, \$1.50

Magnolia Leaves, (Superior Brand) per box, \$1.35

Sheet Moss, Large Bag, \$2.00

Waterproof Crepe Paper, per 100, \$18.00

Red Ruscus, per lb., 75c

POEHLMANN'S BAY TUBS.

We use thousands of them. Compare prices with others.

Made of selected White Cedar, bound with flat steel hoops at bottom and galvanized wire hoops in middle and at top. Nicely painted green, inside and out, and tops finished with round bevel. No handles. If stamped metal handles are desired, add 10 cents per tub, net, extra.

Inside Top Dia.	Inside Bot. Dia.	Inside Depth	Price Each	Price Doz	No.	Inside Top Dia.	Inside Bot. Dia.	Inside Depth	Price Each	Price Doz.
6 in.	5 in.	6 in.	\$0.29	\$ 3.00	8	13 in.	10 in.	12 in.	\$0.80	\$ 8.75
7 in.	5 in.	7 in.	.30	3.25	9	14 in.	11 in.	13 in.	.92	9.75
8 in.	6 in.	8 in.	.33	3.50	10	15 in.	11½ in.	14 in.	1.00	10.50
9 in.	7 in.	9 in.	.36	3.75	11	16 in.	12½ in.	15 in.	1.12	12.00
10 in.	7½ in.	9 in.	.42	4.25	12	17 in.	13½ in.	16 in.	1.33	12.50
11 in.	8½ in.	10 in.	.52	5.50	13	18 in.	14½ in.	17 in.	1.59	17.00
12 in.	9 in.	11 in.	.63	6.75	14	19 in.	15½ in.	18 in.	1.92	20.00

Jobbers' Prices on Request.

FERTILIZERS.

What we use in Fertilizers should suit you. We have tried them all and recommend what we offer below.

BONE MEAL—Guaranteed Analysis

Price

100-lb. bag	\$ 2.25	1000 lbs. (½ ton)	\$17.00
2000-lbs.	9.00	2000 lbs. (1 ton)	32.00

BLOOD AND BONE—Guaranteed Analysis

Price

100-lb. bag	\$ 2.75	1000 lbs. (½ ton)	\$18.00
2000-lbs.	10.00	2000 lbs. (1 ton)	34.00

PULVERIZED SHEEP MANURE

Packed in 100 pound bags.

100 lbs.	\$1.75	1000 lbs.	\$12.00
2000 lbs.	7.00	2000 lbs.	22.00

DRIED BLOOD—Guaranteed Analysis

Nitrogen, 16 to 18 per cent.

A very effective and quick-acting stimulant. Used as a top dressing or in liquid form, it is unexcelled for roses and carnations. Our grade is pure.

100-lb. bag, \$5.00	200 lbs., \$9.00	500 lbs., \$21.00
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CATTLE MANURE

Packed especially for Florists and Greenhouse Vegetable Growers. In 100 pound bags only.

100 lbs., pulverized	\$ 1.50	Shredded	\$ 1.50
500 lbs., pulverized	5.50	Shredded	5.00
1000 lbs., pulverized	9.50	Shredded	9.00
2000 lbs., pulverized	18.00	Shredded	17.00

N BROS. CO.

Long Distance Phone, **CHICAGO, ILL.**
Randolph 35.

SUMMER ROSES

We make a specialty of growing Roses best adapted to handle during the hot weather. Our facilities are exceptionally well equipped and we recommend the following stock for summer:

NEW BEAUTIES--Very Fine Flowers--Best In This Market. Good Shipping Stock.

Rhea Reid—Best red rose.

Mrs. Russell—Best pink rose.

Sunburst—Best yellow rose.

Double White Killarney—Best white rose.

Ophelia and **Shawyer**—Are also two good pink roses for summer use.

These in addition to the regular varieties of Roses we are receiving in large quantities direct from our greenhouses within a few hours of being cut, enable us to fill all orders with strictly fresh stock. This is the great advantage of buying direct of the grower. Order here.

CURRENT PRICE LIST

American Beauties

Per doz.

Specials, extra long stems.....	\$2.50
Medium stems.....	\$1.00 to 2.00
Shorter lengths.....	.50 to .75

Sunburst--Rhea Reid--Ophelia--Richmond Shawyer--White and Pink Killarney Killarney Brilliant

Long.....	per 100,	\$6.00
Medium.....	"	\$4.00 to 5.00
Short.....	"	3.00

Mrs. Chas. Russell.

Per 100

Long.....	\$8.00 to \$10.00
Medium.....	5.00 to 6.00
Short.....	3.00

Cecile Brunner.....per bunch, 35c

Asters at Market Prices.

LILY OF THE VALLEY.....\$5.00 to 6.00

ASPARAGUS SPRAYS and **SPRENGERI**.. 2.00 to 3.00

FERNS, new.....per 100, 20 cents; in lots
of 1000 or more, \$1.50 per 1000.

ADIANTUM..... 1.00

GALAX, bronze and green...per 1000, \$1.25 to \$1.50

ROSES, our selection, in lots of 500 or more at the rate of \$20.00 per 1000.

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN

LONG DISTANCE PHONE:

CENTRAL 1457.

Greenhouses: Hinsdale, Ill. and Gregg's Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

STOCK IS STILL SCARCE.

The longest hot spell in this city's history, more than twice as long as its nearest rival, is ended after thirty-two days of unusually warm weather. Since July 11 the official mercury did not drop below 70 degrees until the present cool spell set in. The longest previous above 70 period was 12 days. Previous long distance sizzlers, taken from the records of the local weather bureau, follow: In 1901, 11 days from July 20 to July 30; 1906, 11 days from August 15 to August 25; 1909, 11 days from July 31 to August 10; 1911, 12 days from July 1 to July 12, and in 1913, 12 days from June 24 to July 5. During each of these periods the minimum was 70 or higher. During the recent hot period the minimum was also 70 or higher and the maximum of 101.7 degrees was next to the highest that the official mercury has ever gone here. The weather affected the quality of stock considerably all during the hot spell and there probably never was a time when good stock was as scarce in this market as it was this summer nor were such

high prices realized for what was sold at this time of the year. At present stock is still very scarce and cleans up at an early hour each day at high August prices. Roses are in good demand, especially Mrs. Chas. Russell and American Beauty, which bring high prices. All the other varieties are moving well and there is hardly ever any surplus when the stores close at night. Gladioli are still having a good call and are disposed of almost as soon as they arrive at high prices compared to former years. Asters are also in brisk demand and what few carnations are arriving are also disposed of. Lily of the valley is scarcer than ever but orchids appear to be a trifle more plentiful. Pond lilies are seen featured everywhere in the retail stores and so is a good supply of the other outdoor stock that is being offered in this market. Business continues to be good and the dealer is experiencing no trouble in selling what stock he has to offer at prices that he considers very satisfactory. Taken all in all, everyone seems to be pretty well satisfied with the amount of business that has been done so far this summer considering the unusual conditions and the only complaint heard is

the shortage of stock, which makes it impossible to take as good care of the customers as one would like to.

NOTES.

The Fleischman Floral Co. has a pretty window display at its East Jackson boulevard store which represents a scene in Switzerland and is a credit to Manager Graham. The Fleischman concern had a large number of orders for the Murphy funeral, held Monday, August 14.

Harry Manheim, of Hoerber Bros., is having a rather unpleasant vacation. The first week he was off duty he was hit by a street car and severely injured about the head and a few days afterwards his son had a leg broken when he was run over by an automobile.

J. A. Budlong is handling a good supply of gladioli which compare most favorably in quality to any that have yet been offered in this market this season. Manager Phil Schupp has returned from a few days' visit at the Budlong cottage at Lake Geneva, Wis.

F. G. Mueller, 329 East Thirty-fifth street, is serving on the jury for two weeks in the criminal court.

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

LARGE SUMMER SUPPLY

Russell and Milady Roses

Plenty for everyone in all the desired grades. Place your orders here.

Fancy Lilies, Asters, Gladioli, Valley and Complete Line of Greens.

Current Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems	\$5.00
48-inch stems	4.00
36-inch stems	3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.00
Short .....	.75

Richmond.....	} Extra select	Per 100
Killarney.....		\$8.00
White Killarney.....		
My Maryland.....		Select
Sunburst.....		Medium
Ophelia.....		Short
Milady.....		4.00
Champ Weiland.....		

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$2.00
Select	1.50
Medium	1.00
Short	\$0.50 to .75

	Per 100
Roses, our selection.....	\$ 3.00
Asters	\$ 1.00 to 3.00
Gladioli	3.00 to 6.00
Harrisii	10.00 to 12.50
Valley	4.00 to 5.00
Adiantum	1.00
Asparagus, per bunch .....	.50 to .75
Ferns, per 1,000.....	\$2.00

2,000,000 Feet of Modern Glass

Mention the American Florist when writing

Max Awizzus, of the E. C. Amling Co., is back from a two weeks' fishing trip at Lake Marie, and reports having had a splendid time. Talking about fishing A. C. Kohlbrand tells about how a tramp visited a Chinese restaurant on Tuesday and asked for a handout. The proprietor asked him if he liked fish and the Wearie Willie thinking he was going to get something to eat, replied, yes, when the restaurant keeper calmly answered, very well, come back "Fliday."

O. A. & L. A. Tonner received a shipment of cherries this week from Sturgeon Bay, Wis., from Miss Olga Tonner who is spending her vacation there with Miss Nettie Parker, of A. T. Pyfer & Co. They write that they are having a most delightful time and had a pleasant automobile ride through the celebrated Door county cherry orchards.

Walter Scott, of La Grange, had such a good call for gladioli at his retail establishment all this season that he did not ship near as many to the wholesale market as in previous years. He reports that they sold unusually well at prices averaging \$1.00 per dozen at retail.

E. Franks, bookkeeper for Kennicott Bros. Co., is enjoying a two weeks' vacation at Fruitvale, Mich. Fred Liebermann of the same firm is also enjoying a two weeks' leave of absence.

N. P. Miller is back from a two weeks' vacation and is again in charge at the Miller & Musser store. Jack Henich of this firm is now enjoying a well-earned rest.

Tom Best, of the Stuppy Floral Co., St. Joseph, Mo., and wife passed

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

SUMMER FLOWERS

Complete line of both indoor and outdoor stock, particularly Asters and Gladioli. Order what you need from us

Chicago's Largest Dealers in Decorative Greens

through here this week on their way home from a pleasant visit at Niagara Falls.

W. F. Duntemann, of Bensenville, is still confined to his bed but expects to be able to be about in a few more weeks with the aid of crutches.

Eric Johnson, manager of the A. L. Randall Co.'s cut flower department, and family are back from a pleasant visit at Mackinac Island.

Fred Ottenbacher, of the Zech & Mann force, is enjoying a two weeks'

vacation which will be spent at River-view and Yellowstone Parks.

Mrs. John Charles London has returned from a pleasant visit with her folks at Monterey, Calif.

Mrs. Emil Jehlik, 1825 South Ashland avenue, is spending a few weeks at Union Pier, Mich.

A. Priggooris, of the Alpha Floral Co., Lansing, Mich., is spending a few days here this week.

John Risch, of Weiland & Risch, spent his vacation at Koshkonong, Wis., this year.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

We are now cutting heavily in short and medium stemmed Ophelia roses of unsurpassed quality and can take splendid care of you in what you need in this line.

Current Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.		Per doz.
Long stems		\$5.00
36-inch stems		4.00
30-inch stems		3.00
24-inch stems		2.50
18-inch stems		2.00
12-inch stems		1.50
White—KILLARNEY—Pink.		Per 100
Extra Special		\$7.00
Select		6.00
Fancy		5.00
Medium		4.00
Short		3.00

RICHMOND		Per 100
Extra Special		7.00
Select		6.00
Fancy		5.00
Medium		4.00
Short		3.00
OPHELIA.		Per 100
Extra Special		\$7.00
Select		6.00
Fancy		5.00
Good		3.00
SUNBURST.		Per 100
Extra Special		\$7.00
Select		6.00
Fancy		5.00
Good		3.00

GEORGE ELGAR	35c per bunch
ROSES, OUR SELECTION \$3.00	
LILIES.	
Fancy	Per 100
	\$10.00 to \$12.50
Miscellaneous.	
Ferns, per 1,000.....	2.00 to 2.50
Smilax, per doz.....	2.00
Adiantum	1.00
Sprenger, per bunch.....	.50
Asparagus Sprays, bunch.....	.50
Other Green Goods Market Rates.	

Miss Nell Statham, of the Idlewild Greenhouses, and Miss Nettie Montgomery, of Memphis, Tenn., are spending their vacation in this city and have been entertained by Miss Marguerite McNulty and Felix Reichling, of the Peter Reinberg store force and it is needless to add that they are having a most enjoyable time. They were the guests of Miss McNulty on a lake trip to Milwaukee, Wis., and it is understood that some night this week the entire store force will give a party in their honor at Riverview Park.

John Wittbold, eldest son of Louis Wittbold, is back from a few weeks' farming in Nebraska, but did not do as well as he expected for he had just enough money to allow him and his chum to reach Denver, Colo., from which point they wired to their folks to send enough money for them to come home on. John is satisfied that being employed in a florist store is not the hardest work that there is after all and was tickled to death to get back on the job.

C. L. Washburn says that trade is very good at Bassett & Washburn's store, with such a heavy demand for stock, especially American Beauty roses, that it is impossible to fill all the orders. Joe Einweck, of the store force, will leave August 19 on the steamer Minnesota for a trip on the Great Lakes. Miss Harper, of the office force, is spending her vacation at White Lake, Mich.

H. E. Philpott, of Winnipeg, Can., arrived here this week from Berlin, Ont., where he attended the annual meeting of the Canadian Horticultural Association, August 8-10. After spending a few days at A. T. Pyfer & Co.'s store and Pyfer & Olsem's greenhouses, he left for Minneapolis, Minn., where he is interested in a new range of Dietsch greenhouses that are being erected there.

August Poehlmann left Monday night, July 14, for Houston, Tex., where he is representing Poehlmann Bros. Co. at the S. A. F. convention. Walter Stockloss, of Poehlmann's cut flower department, has returned from a pleasant lake trip to Mackinac island, and Samuel Cohn, of the office force, is back from a delightful vacation in Michigan.

The Bohannon Floral Co.'s new store at 75 East Monroe street will be its main establishment as soon as it can be made ready for the opening of the fall business. The present store at 57

Wholesale Cut Flowers==Greens and Supplies

Prices cheerfully submitted on whatever you need upon request.

O. A. & L. A. Tonner

30 E. Randolph Street,

Phone,
Central 6284.

CHICAGO, ILL.

Mention the American Florist when writing

East Monroe street will be continued until the building it is now located in will be torn down, which is not likely to be for some time yet.

Joe Schouten, of the Ernst Wienhoeber Floral Co., and Fred Nelson, manager of the George Wittbold Co.'s retail department, are making an automobile trip to Detroit, Mich. The boys at the Wittbold store say that Mr. Nelson took enough baggage along to lead some of them to suspect that he is on his honeymoon.

James Friedl and family returned from a visit at Fox Lake this week, and are now making an automobile trip to the Wisconsin Dells. Joe Papacek has taken such good care of the Friedl store that the proprietor is taking a longer vacation than he first intended to.

George Wienhoeber is pushing the enlarging of his store, which will give him an entrance in both Wabash avenue and East Monroe street. He had a splendid window display of orchids, Saturday, August 12, which made those who passed by stop and inspect it.

Adolph Benesh, manager of the E. F. Winterson Co.'s supply department, and family are back from a pleasant visit at Union Pier, Mich. Fred Krause, Mr. Winterson's right hand man, is away on a Wisconsin vacation trip.

Reinhold Schiller, manager of Schiller's downtown store, expects to leave August 26 on a well earned vacation and will make a boat trip on the Great Lakes in company with a party of relatives and friends.

Henry M. Hirsch, 37 East Van Buren street, has been having a good call for funeral work the past week, and among the many orders filled was a beautiful six-foot wreath of Mrs. Chas. Russell roses.

C. H. Fisk, 1581 Ogden avenue, and his son-in-law, W. A. Elson, have

opened an automobile repair shop, which will be personally looked after by the last named gentleman.

Frank Pasternik, of the Ernst Wienhoeber Floral Co., reported for duty Monday, August 14, after spending a most enjoyable three weeks' vacation with his family at Paw Paw.

S. Enomoto, of Enomoto & Co., Inc., San Francisco, Calif., was in the city last week on a vacation trip, and will return by way of New Orleans.

Gust P. Constantino, of the Chicago Floral House, 39 West Randolph street, and family have returned from a pleasant visit at Morocco, Ind.

Joe Erringer, of the Zech & Mann force, is back from his vacation, spent in Michigan, and is again attending to his duties at the store.

D. E. Freres and Henry Muno and a party of friends and their families will leave August 19 for a two weeks' visit at Deep Lake.

It is rumored that another retail store will be opened in the loop in the near future on East Jackson boulevard.

C. B. LeMer, of Simpson's Flower Shops, is back on the job after a pleasant visit to the northern Wisconsin lakes.

Robert Blake, with Mrs. J. B. Freeman, Toledo, O., was a visitor at Zech & Mann's establishment this week.

Miss Betty Carlson, with Mullanphy Florists, St. Louis, Mo., is visiting old acquaintances here this week.

Alex Kilpack, assistant manager at Archie Spencer's store, is back from a two weeks' visit at Antioch.

Mandy Doetsch, of the George Wittbold Co., is spending his vacation at Antioch this summer.

Alex Gardiner will be in the employ of Stuhldreher Bros., Mansfield, O., after September 1.

SPECIALLY GROWN SUMMER ROSES

FOR ALL OCCASIONS

All the Best Standard and Novelty Varieties.

ALSO GOOD SUPPLY OF ASTERS AND GLADIOLI



**Plenty of VALLEY and LILIES
ALWAYS ON HAND.**

You can increase your profits and business by sending all your orders direct to

**Quality
Speaks
Louder
Than
Prices.**

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

CUT FLOWERS

**Prices
As
Low
As
Others.**

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Anton Then, 2219 Winnemac avenue, will disseminate John Then's new scarlet carnation. Thenanthos this season, and is now booking orders for rooted cuttings for January 1, 1917 delivery. Thenanthos is a cross between Enchantress and a red seedling with a brilliant scarlet color and a large bloom measuring three and one-half inches in diameter. It is a prolific bloomer and entirely free from disease and is never troubled with rust. This variety made a big hit at the Grand Floral Festival, held in the Coliseum, November 9-14, 1915.

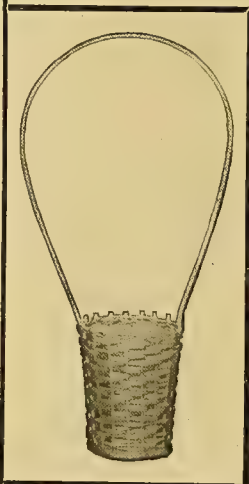
John Felke of Wilmette, celebrated his eighty-eighth birthday, August 15, with a party at his home the previous Sunday, when he was presented with a victrola by his friends and acquaintances in honor of the event. Frank Felke, Anton Felke, Anton Then and N. P. Miller and their families, attended, and it is needless to add that everyone present had a most pleasant time.

The Chicago Flower Growers' Association has dolled up its store in great shape and it now presents a most inviting appearance. This firm is handling a large quantity of gladioli, in addition to a nice supply of roses. Ed Hunt is back on the job after having had a two weeks' vacation.

Vaughan's Seed Store, during the past week moved a second shipment of two cars of Liliun Formosum bulbs. This concern is also distributing this week a large shipment of French freezia bulbs, which arrived on the French liner "Chicago." Large sizes are scarce as usual.

Wietor Bros. are having a brisk demand for field grown carnation plants and nearly every mail is bringing in new orders. N. J. Wietor is looking

Special Summer Assortment



25 CUT FLOWER BASKETS \$7.50

Many of the florists use them in their window displays to good advantage. Order Your Assortment Today.

RAEDLEIN BASKET CO.,
713 Milwaukee Avenue, CHICAGO

forward toward a brisk fall trade and from present conditions it appears as if he will not be disappointed.

A. L. Vaughan & Co. report that business continues to be very brisk and that the sales so far this summer are away ahead of last year. William Johnson is doing double at this estab-

lishment, but is equal to the occasion, for his middle name is "work."

Percy Jones is experiencing a splendid summer business and Manager Van Gelder and his hustling assistants are having no trouble in disposing of all the stock that there is to offer at an early hour each day.

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue L. D. Phone Randolph 631

CHICAGO

HEAVY SUPPLY

GLADIOLI-ASTERS-RUSSELL ROSES

PLACE YOUR ORDERS WITH US FOR ANYTHING THAT YOU NEED IN CUT FLOWERS AND GREENS AND YOU WILL NOT MEET WITH DISAPPOINTMENT.

Visitors: Frank Farney, representing M. Rice Co., Philadelphia, Pa.; Adolph D. Mohr and wife, Kansas City, Mo.; Clarence Stuhldreher, Mansfield, O.; F. J. Foster, St. Louis, Mo.; W. H. Sievers and wife, Buffalo, N. Y.; Frank H. Battles, Detroit, Mich.

Wichita, Kan.

BUSINESS SUFFERS FROM DROUGHT.

Seven weeks without rain means a dry spell, even in Kansas—and the end is not yet, according to the weather man, although a shower of .31 of an inch, August 13, affords some relief. An average temperature of about 4 degrees above normal has added to the severity and discomfort of the situation. Under these conditions there is trouble enough with greenhouse stock, and outdoor crops have suffered severely. Asters and gladioli develop imperfectly, and dahlias are doing nothing. Almost everything else has given up the struggle, except single tube roses, which are doing well where properly watered. Business is at low ebb. Almost everybody with the price, and some without it, have skipped to Colorado or the northern resorts. For those who remain about the only social functions are swimming parties,—which do not bring the florists anything,—and funerals, and Kansas has always been a fairly healthy state. So, for the florist, discontent seems to have slipped around from winter to summer, as he sweats through the work in the hot greenhouses, wondering when his customers will get back from their vacations and pay their little bills. Carnation planting is well along. The plants are going into the houses undersized, and the supply hardly adequate, owing to the bad growing season. Everybody seems to have taken a flier in chrysanthemums this season, and for the most part, they are looking well in spite of the heat.

NOTES.

It is hardly likely that Wichita will be represented at the convention this year. "Too much to look after" seems to be the reason given by those who otherwise might go.

Prospects for business the coming season are fair so far as can be determined at this time.

Visitors: L. Vanhaverbeke, of Eureka, Kan. and C. H. Wildin of the Stamm Floral Co., Hutchinson.

C.

DAYTON, O.—A pest which seems to resist everything in the way of insecticides, has destroyed nearly \$200 worth of cyclamen at the range of C. F. Mahan.

Carnations NEW CROP Asters S. MURATA & CO.,

OLDEST AND MOST EXPERIENCED SHIPPERS IN SOUTHERN CALIFORNIA.

751 S. Broadway,

LOS ANGELES, CALIF

Mention the American Florist when writing

GLADIOLI

Large supply of fancy stock in all the seasonable varieties.

M. C. GUNTERBERG, 158 N. Wabash Ave., CHICAGO, ILL.

Mention the American Florist when writing

Detroit.

FLORISTS' CLUB ELECTS OFFICERS.

The annual election of officers of the florists' club took place at the regular meeting held at the Michigan Cut Flower Exchange, Tuesday evening, August 8, and resulted as follows: E. A. Feters, president; A. J. Stahelin, vice-president, and the re-election of Henry Forster, secretary, and Robert Rahaley, treasurer.

The club will give an outing for the members, their families and friends, August 23, at Bois Blanc Island. Baseball and other popular games will be enjoyed as well as dancing. Arrangements for contests with suitable prizes are in the hands of a capable committee and a large attendance is expected.

J. F. S.

Westchester and Fairfield Society.

The sixth annual outing and field day of the Westchester and Fairfield Horticultural Society was held August 8, at Rye Beach inn, Rye Beach, N. Y., the event being in conjunction with that of the Tarrytown Horticultural Society and proved to be a pleasing innovation, offering opportunity for many old friends to renew friendships. Members of the societies, with their families and friends were present to the number of over 200. The shore dinner provided by the hotel management was thoroughly enjoyed. Owing to rain the programme of sports was somewhat curtailed; however, the honors were quite evenly divided, the Fairfield contingent being slightly in the lead. The quoit contest went to the Tarrytown "boys." The athletic contests in which the ladies competed were both exciting and picturesque.

P. W. Pope, Cor. Sec'y.

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 No. WABASH AVE., CHICAGO
Telephone Central 466

A. T. PYFER & CO.

WHOLESALE

Commission Florists

30 East Randolph Street, CHICAGO

Advertising String

FOR TYING FLOWER BOXES

Write for samples and prices.

Chicago Printed String Co.,
309 S. LA SALLE ST., CHICAGO.

Crabb & Hunter Establishment to Close.

The Grand Rapids Floral Co., trustee for the Crabb & Hunter Floral Co., Grand Rapids, Mich., announces that it is impossible to conduct the greenhouses at a profit, and the stock will be closed out. As the houses must be removed to make room for improvements on the ground, the glass and other materials will be sold. The creditors' interests will be conserved.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Mention the American Florist when writing

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

HOERBER BROS.

Wholesale Cut Flowers
Growers of

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave.,

Chicago

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.



Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST. Per doz.

Roses, Beauty, specials	\$5 00
" " 36-in.	4 00
" " 30-in.	3 00
" " 24 in.	2 50
" " 20-in.	2 00
" " 18-in.	1 00
Per 100	
" Mrs. Chas. Russell.....	\$4 00@15 00
" Beauty, short	4 00@ 6 00
" Hoosier Beauty	2 00@10 00
" Killarney Brilliant	2 00@10 00
" Killarney	2 00@10 00
" White Killarney	2 00@10 00
" Richmond	2 00@10 00
" Prince de Bulgarie	2 00@10 00
" Rhea Reid	2 00@10 00
" My Maryland	2 00@10 00
" Mrs. Geo. Sawyer	2 00@10 00
" Milady	2 00@10 00
" Sunburst	2 00@10 00
" Mrs. Aaron Ward	2 00@10 00
" Hadley	2 00@10 00
" Ophelia	2 00@10 00
" Double White Killarney ..	2 00@10 00
" Mrs. Moorfield Storey	2 00@10 00
" Champ Weiland	4 00@10 00
" Stanley	3 00@10 00
" Tipperary	3 00@10 00
" Frances Scott Key	3 00@10 00
" Bayard Thayer	3 00@10 00
" Cecile Brunner	2 00@ 3 00
" George Elgar	2 00@ 3 00
" Baby Doll	2 00@ 3 00
" Fireflame	4 00
" Our selection	3 00
Carnations	1 00@ 3 00
Cattleyas	per doz., 7 50
Asters	2 00@ 3 00
Dahlias	3 00
Lilium Harrisii	10 00@12 50
Sweet Peas	75@ 1 50
Valley	3 00@ 6 00
Adiantum Croweatum	1 00@ 1 50
Ferns	per 100, 1 50@3 00
Galax	1 00@1 25
Leucothoe	75@ 1 00
Mexican Ivy	per 100, 5 00@6 00
Plumosa Strings	each, 60@ 75
Smilax	per doz., 2 00@2 50
Sprengerii, Plumosa Sprays ..	3 00@ 4 00
Boxwood, 25clb per case	7 50

THE BOOK OF GLADIOLUS



THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, \$1.25

AMERICAN FLORIST CO.
440 So. Dearborn St.
CHICAGO.

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

Mention the American Florist when writing

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

Mention the American Florist when writing

POEHLMAN

Uniform Development Make

Dealers who display in their windows and stores a variety of Poehlmann's Kentias are specimens of uniform, well developed types, and sure to buy. They are all clean, healthful plants of vigorous growth, and desirable for indoor decoration. The Belmoreana and Forsteriana varieties Poehlmann name stands by them for **quality and price.**

Poehlmann's Kentias

KENTIA FORSTERIANA SINGLE PLANT

	Leaves		
4 inch pots	5-6	18 inch high.....	\$0.30
6 inch pots	6-7	23-30 inch high.....	1.00
6 inch pots	6-7	34 inch high.....	1.00
6 inch pots	6-7	34-36 inch high.....	2.00
8 inch tubs	6-7	40-42 inch high.....	3.00
8 inch tubs	6-7	42-46 inch high.....	3.00
8 inch tubs	6-7	50-52 inch high.....	5.00
9 inch tubs	6-7	54 inch heavy.....	6.00
9 inch tubs	6-7	60 inch heavy.....	7.00
10 inch tubs	6-7	5-5½ ft.....	8.00
10 inch tubs	6-7	5½-6 ft.....	12.00
15 inch tubs	6-7	8-8½ ft. heavy.....	40.00
15 inch tubs	6-7	9-10 ft. heavy.....	50.00

ARECA

6-in. pots
8-in. tubs

ASP

5-in., green
6-in., green
5-in., var.
5-in., var.

LIVISTONA

5-in. pots
6-in. pots

PHOENIX

3-in. pots.....

6-in. pots
10-in. tubs
All previous
hereby cancel



BELMOREANA'S BEST TYPES. CLEAN PLANTS ALL SIZES

POEHLMANN'S KENTIAS ARE STANDARD==They Build Business

There is much greater and more general use made of decorative plants now than in years past, and there are almost limitless money-making possibilities—this line of fine Kentias is one. Our stock of these goods is complete in all sizes. We have never at **once**, this is the time to **push trade** in palms—displaying them in your store and windows will draw trade to you, a trade that

POEHLMANN

WESTERN KENTIA

MORTON

ILLINOIS



N'S PALMS

Them Wonderfully Attractive.

Beautiful Kentias draw to themselves good trade in which there is good profit. There has been given to keep them in condition to attract attention and create graceful lines and rich green color make them exceptionally beautiful and single and made-up plants, are beyond doubt the best you can buy—the

are known as the "Quick Seller" Palms.

KENTIA BELMOREANA SINGLE PLANTS.
 8 inch pots, \$1.50 per dozen; \$10.00 per 100;
 10 inch pots, \$90.00 per 1,000.

Leaves	Each.
5-6 16-18 inch high.....	\$0.40
6-7 24 inch high.....	1.00
6-7 28-30 inch high.....	1.50
6-7 42-44 heavy.....	5.00
6-7 50-54 heavy.....	7.00

Specimen plants, \$60.00-\$75.00.

KENTIA FORSTERIANA MADE-UP PLANTS.

Plants	Each.
8 inch pots 3 24- inch high.....	\$ 1.50
10 inch tubs 3 30-32 inch high.....	2.50
12 inch tubs 3 38-42 inch high.....	3.50
15 inch tubs 4 48-52 inch high.....	5.00

KENTIA
 High Each.
 4 \$1.00
 0 3.00

KENTIA
 2 \$1.00
 7 1.50
 1 1.00
 2 1.50

KENTIA
\$0.75
 1.25

KENTIA
 50 per doz.
 n. Each
 4 \$2.00
 6 7.50
 quoted are

Plants	Each.
8 inch tubs 4 52-54 inch high.....	6.00
10 inch tubs 4 54-60 inch high.....	8.00
12 inch tubs 4 60 inch high.....	10.00
12 inch tubs 4 62-66 inch high.....	12.00
12 inch tubs 4 66-70 inch high.....	15.00
15 inch tubs 4 6-6½ ft. heavy.....	25.00
15 inch tubs 4 75-80 in. heavy.....	\$25@30



FORSTERIANA'S ALL SIZES FROM 8 FT. DOWN TO 8 IN.

s With Good Profit and Pleased Customers Repeat Orders.

opportunities to still further increase the sale of them. To the wide-awake florist the well chosen field of his business is full of such a complete line before, and the beauty of them, both single and double plants, is unsurpassed. Get your orders in all make your profits grow and your customers sure. **Don't forget** these goods are of the Poehlmann high standard quality.

BROS. COMPANY.

HEADQUARTERS

ROVE,

S.



FIELD-GROWN CARNATION PLANTS

White Enchantress, White Perfection, White Wonder, Alma Ward, Matchless, C. Akehurst, C. W. Ward, Alice, Light and R. Pink Enchantress, Enchantress Supreme, Philadelphia, D. Gordon, Champion, Beacon, Victory.

Let us know your requirements and we will submit prices.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

SUPPLY EXTREMELY LIMITED.

This is vacation time, without the shadow of a doubt. Even the flowers are absenting themselves, the supply being very meager indeed. Gladioli appear to be the only flowers that are at all up to standard in quality or quantity. Scarcely an order goes out without a bunch or two of this popular summer offering. Asters, which are generally in their prime at this time, are away below par, much of the stock arriving being practically unsaleable—they are small and off color, with nearly half the flowers in every bunch deformed. Growers do not appear to be able to account for this condition; some blame the weather, others the seed, and again the bugs have to come in for their share. Rust is another factor. It is hoped that the later sorts will be better. A few fair local American Beauties are seen, but not enough for even the limited demand. My Maryland, Russell, Ophelia, Double White Killarney and Kaiserin are the best roses, nothing with stems much over 12 to 16 inches long being offered. Some very good larkspurs, plenty of Hydrangea paniculata and a few other outside flowers add to the assortment. Cattleyas are scarce, while lily of the valley has to be asked for the day before.

NOTES.

It is interesting at this dull time to take a look forward and see what the future promises. Mr. Myers, of Myers & Samtman, the noted rose growers of Chestnut Hill, affirms it to be his belief that there is nothing in sight yet to dethrone the American Beauty; out of the 100,000 roses that they force, about, or a little over half of their stock is American Beauty and yet last season it brought lowest per plant and 30 per cent below the highest, which was Ophelia. The price was all right, but they did not cut nearly up to standard in quantity, which Mr. Myers attributes to the lack of sun and very few bright days in last winter's season. They have been much interested in the miniature or baby roses and made a test of 59 sorts, all the new varieties they could find. Out of this number they found only two that they considered worth forcing. Ellen Poulson, Erna Techendorff, Mrs. Cutbush and Baby Dorothy would only give one crop and could not be coaxed into another, so went into the discard with the others. One of the selected sorts is as strong as Cecile Brunner or George Elgar, with the color of Daily Mail. Mr. Myers bought this unseen and although he has a thousand dollars invested in it, is delighted with his bargain. Another is a polyantha of strong growth, but is not given to making clusters; it is a beautiful color, best described as the opposite of that of Daily Mail, which Mr. Myers says is as near as he can come to it. The stock here is looking very well for the season.

The Jos. Heacock Co. has sung its "swan song" for the summer, sending out a notice to their customers that there will be nothing more doing in cut flowers until September 20. Their "watch for the opening" is em-

Wholesale Flower Markets

BOSTON, Aug. 16.		Per 100
Roses, Beauty.....	20 00@25 00	
" Killarney Queen.....	2 00@ 8 00	
" White and Pink Killarney.....	2 00@ 8 00	
" Double White Killarney.....	2 00@ 8 00	
" Killarney Brilliant.....	4 00@10 00	
" Hadley.....	4 00@10 00	
" Cardinal.....	2 00@ 8 00	
" Mock.....	6 00@12 00	
" Mrs. Chas. Russell.....	6 00@12 00	
" Sunburst.....	6 00@12 00	
" Taft.....	2 00@ 8 00	
" Milady.....	2 00@ 6 00	
" Ward and Hillingdon.....	2 00@ 6 00	
" My Maryland.....	50 @ 5 00	
Cattleyas.....	50 00@75 00	
Lily of the Valley.....	4 00@ 5 00	
Sweet Peas.....	50 @ 1 00	
Carnations.....	1 00@ 2 00	
select.....	2 00@ 3 00	

BUFFALO, Aug. 16.		Per 100
Beauty Special.....	20 00@25 00	
" Fancy.....	15 00@20 00	
" Extra.....	10 00@12 00	
" First.....	8 00@10 00	
" Second.....	2 00@ 4 00	
Roses, Killarney.....	3 00@ 6 00	
" White Killarney.....	3 00@ 6 00	
" My Maryland.....	3 00@ 7 00	
" Sunburst.....	3 00@ 6 00	
" Ward.....	2 00@ 5 00	
" Shawyer.....	3 00@ 6 00	
Lily of the Valley.....	4 00@ 6 00	
Lilies.....	8 00@10 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 00@ 2 00	
Gladiolus.....	3 00@ 4 00	
Asters.....	1 00@ 2 00	
Asparagus Sprengeri.....	35 @ 50	
Ferns.....per 1000, 2 00		
Smilax.....	15 00	

CINCINNATI, Aug. 16.		Per 100
Roses, Killarney.....	2 00@ 6 00	
" My Maryland.....	2 00@ 6 00	
" Richmond.....	2 00@ 6 00	
" Taft.....	2 00@ 6 00	
Lilium Giganteum.....	8 00@10 00	
Asparagus Plumosus.....per bch., 25c		
Gladiolus.....	2 00@ 4 00	
Asters.....	1 00@ 2 00	

bellished with the promise of a large supply of the famous Hadley; also Canadian Queen, a new corsage rose, will be one of their stars. Other familiar faces will be White and Pink Killarney, Ward, Hillingdon, Ophelia and Richmond.

Fred Cowperthwaite, of the H. F. Michell Co.'s force, and who will be remembered as the genial master of the guides and information bureau of the recent national flower show, has associated himself with the King Construction Co., where, with Mr. Muth, resident manager, he will have a wide field for advancement.

Asters of very fair quality for this year, together with good Maryland and Kaiserin roses, are the leading features of the Edward Reid stock. Another very scarce article seen here is special lily of the valley.

The Robert Craig Co. is having a run on their cyclamen. It will take quite a while, however, to break their stock of 60,000 plants. They were never in better shape than at present.

American Beauties, gladioli, Easter lilies and asters head the bill with the Leo Niessen Co. this week. Business is said to be up to that expected for the season.

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET,
BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

Mention the American Florist when writing

BERGER BROS.

Central Market

ROSES, ORCHIDS, VALLEY

A full line of Summer Flowers
Always high grade Easter Lilies

1225 Race St., Philadelphia, Pa.

Mention the American Florist when writing

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Mention the American Florist when writing

Berger Brothers' Central market boasts of lily of the valley, asters, good My Maryland roses and fine gladioli. Bunch asparagus is also a feature.

Paul Berkowitz, of H. Bayersdorfer & Co., left on Saturday last for the Houston convention, where his firm expects to do considerable business.

Clarence Watson, Martin Gannon, Frank Kennedy & Eddie Koch, all of the Neissen force, are enjoying their vacations.

Robert Craig is with a party of friends at Commodore Westcott's on Barnegat Bay, for the week end.

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and Greens

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower ship-
pers in MINNEAPOLIS. Let us sup-
ply your wants. If it is on the mar-
ket we can furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street
KANSAS CITY, MO.

Mention the American Florist when writing

Extra Quality Pink and White Killar-
ney, Richmonds, American Beauties,
Fancy Carnations, Yellow Daisies,
Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

Mention the American Florist when writing

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock
Killarney, Sunburst and others.
CATTLEYS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Mention the American Florist when writing

Eugene Michel, canna expert of H.
A. Dreer, Inc., will discourse on his
favorite flower before the florists' club,
at its September meeting, and will also
make an exhibition of all the firm's
new and rare varieties.

K.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in
FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 206

444-446 Milwaukee St., Milwaukee, Wis.

New Fancy Ferns

Special picked. Leave your regular orders with us.

Fancy Lily of the Valley, Orchids, Gladioli, Lilies and all other seasonable flowers.

FLORISTS' SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN. Wholesale Florist,
1312 Pine St., ST. LOUIS, MO

Wholesale Flower Markets

PHILADELPHIA, Aug. 16.	Per 100
Roses, Beauty, extra.....	20 00@25 00
first.....	10 00@15 00
Mrs. Chas. Russell.....	8 00@15 00
Killarney.....	2 00@ 4 00
White Killarney.....	2 00@ 8 00
Liberty.....	5 00@10 00
Hadley.....	4 00@12 00
Sunburst.....	3 00@ 8 00
Ophelia.....	3 00@ 8 00
Hoosier Beauty.....	4 00@12 00
Carnations.....	2 00@ 4 00
Cattleyas.....	35 00@50 00
Lilium Harrisii.....	6 00@ 8 00
Asters.....	2 00@ 4 00
Gladiolus.....	6 00@ 8 00
Larkspur.....	4 00@ 6 00
Asparagus.....	per bunch, 50

PITTSBURGH, Aug. 16.	Per 100
Roses, Beauty, special.....	25 00
fancy.....	20 00
extra.....	15 00
No. 1.....	8 00
Killarney.....	2 00@ 6 00
My Maryland.....	2 00@ 6 00
Sunburst.....	2 00@ 6 00
Mrs. Aaron Ward.....	2 00@ 5 00
Cattleyas.....	30 00
Lilium Giganteum.....	8 00
Carnations.....	1 00
Adiantum.....	1 25
Asparagus Sprengeri, per bunch.....	35@40
Sweet Peas.....	50
Asters.....	1 00@ 2 00
Gladiolus.....	2 00@ 4 00
Water Lilies.....	2 00
Lily of the Valley.....	4.00 per 100

MILWAUKEE, Aug. 16.	Per 100
Roses, Killarney and W. Killarney.....	2 00@ 8 00
Ward.....	2 00@ 6 00
Mrs. Chas. Russell.....	4 00@15 00
Ophelia.....	3 00@ 8 00
Hoosier Beauty.....	3 00@ 8 00
Lilies.....	10 00@12 50
Cattleyas.....	per doz., 6 00
Sweet Peas.....	25@ 50
Carnations.....	1 00@ 2 00
Snapdragons.....	doz...\$0.25@90 50
Gladioli.....	4 00@ 5 00
Rubrams.....	4 00
Valley.....	3 00@ 5 00

DAVID WELCH

EDWARD J. WELCH

WELCH'S WHOLESALE AND COMMISSION FLORISTS

FLORISTS' SUPPLIES

280 and 282 Devonshire St.,
BOSTON, MASS.

Consignments of Beauties, Lilies of the Valley,
Orchids and all other flowers received daily.

Telephone—Court Hill 2964, 2965.

Mention the American Florist when writing

H. G. BERNING Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

ST. LOUIS, Aug. 16.	Per 100
Roses, Killarney.....	1 00@ 4 00
White Killarney.....	1 00@ 4 00
Aaron Ward.....	1 00@ 4 00
Sunburst.....	2 00@ 6 00
Ophelia.....	2 00@ 5 00
Cecile Brunner.....	2 00
Richmond.....	1 00@ 00
Mrs. Chas. Russell.....	3 00@ 8 00
Valley.....	4 00
Lilies.....	10 00
Asparagus Plumosus, per bu.....	25@75
Ferns.....	per 1000, 1 50
Bronze Galax.....	per 1000, 1 00

New York.

MARKET CONDITIONS UNCHANGED.

There is no appreciable change in the condition of the cut flower market since our last notes were written. Gladioli and asters continue to pile up, but there is no surplus of other stocks. Orchids continue scarce and the asking price for *Cattleya gigas* is \$1 per flower, but it is only in a case of absolute necessity that any retailer will pay that price. Lily of the valley is a little easier, but good stock brings \$5 per 100. Lilies go at \$4 and \$5 per 100. Though business is very light with the retailers, they must keep up a stock, and on account of the great scarcity of good roses, the best that the market affords are bringing good prices for this season. In tea roses, there is but little special stock. Special American Beauties have sold as high as \$30 per 100. A few specials of Francis Scott Key and Prima Donna have gone as high as \$10 and \$12 per 100, or at that rate, passible extras and fancies of different varieties run from \$4 to \$8. There is some stock of the new crop of roses on the market, but most of it is short, grading from No. 1 down to No. 3. A few dahlias have been arriving for the past two weeks, but the buyers have had little use for them. From now on, they may be expected to attract more attention.

August 14.—The market opened this morning with a very light supply of stock, excepting asters and gladioli. Good roses are at a premium and bring good prices for the season. A few sweet peas are arriving, in very poor condition, and no price can be quoted. A few small chrysanthemums have appeared, but they are of no consequence. The weather continues clear and cool, and would be favorable to business if there were more flower buyers in the city.

NOTES.

Herman Kuhn, 896 Sixth avenue, is a veteran, out of many wars, but of many scars. He has just returned from a trip to Texas. But be not hasty, gentle reader. He was not scarred by the Mexicans, but by the cactus through which he tramped, pursuing his investigations and explorations. He is a veteran of 30 years and more in the retail business, and a retired veteran of one of the New York regiments now on the border, and he made the trip to see how the boys were prospering on beans and sundries.

Henry Hart, the well known retailer of 1000 Madison avenue, has removed, temporarily, to 998 in order to give the workmen scope to enlarge and greatly improve the store at the former number. He expects to move back about October 1, and will have one of the finest retail stores in the city.

Calling recently on the Knight & Struck Co., at their new quarters, 258 Fifth avenue, we were pleased with their prosperity. At the above number they have an entire floor. They have thus greatly enlarged their office facilities, and have also larger space for display and storage.

Joseph Bechamps, a well known grower and retailer of Flushing, who is frequently in the market, advises us that his carnations in the field have done remarkably well and made fine growth, which is an exception for this season.

H. L. Baylis, in the rooms of the New York Cut Flower Co., is receiving new crop of Rose Prima Donna from the Asmus range, North Bergen, N. J., and they are good for so early in the season.

I. H. Eisenberg, 916 Sixth avenue, furnished the plant and floral decora-

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York.

Mention the American Florist when writing

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of
its Best Growers.

Mention the American Florist when writing

tions for Carnegie hall on the night that Charles E. Hughes was formally notified of his nomination for the presidency.

P. F. Kessler, of the Cut Flower Exchange, does not worry about business at this season. He has just spent two weeks at a New Hampshire resort and now goes to the Adirondacks till September.

We have recently had occasion to notice the activities of L. Gluck, the retailer of Lexington avenue and 23d street. He has a good store and reports good business for the season.

John Young & Co., 53 West 28th street, are receiving good roses of the varieties Cleveland, Francis Scott Key and Baby Doll from S. J. Reuter & Son, Westerly, R. I.

William Weininger, of the Juergens department of the New York Cut Flower Co., who has been sick for three weeks, has recovered and returned to business.

G. E. M. Stumpp came up from his summer store at Southampton, L. I., last week and spent a few days. Southampton is now a very lively resort.

The retail store of Snoeck & Hall, 1064 Madison avenue, is closed, whether for the summer or permanently, we have been unable to learn.

Joseph S. Fenrich, 51 West 28th street, is receiving good stock of Ophelia and Cleveland roses from Charles H. Totty, Madison, N. J.

Advices from the Hague are to the effect that a new steamship line will soon begin service between Rotterdam and this country.

W. Doyle, salesman for A. Sauter, in the Cut Flower Exchange, and Mrs. Doyle are on a two weeks' vacation in the Catskills.

Al. Rigo, the retailer of 810 Madison avenue, has returned from a three weeks' vacation in the Adirondacks.

Max Schling, 22 West 59th street, is now on vacation. Business at the store, is lively for summer time.

William Sampson, salesman for H. E. Froment, is spending a two weeks' vacation at Saratoga Springs.

Miss Florence Rubin, cashier for the New York Cut Flower Co., is ill at her home in Jersey City.

Riedel & Meyer, Inc., 49 West 28th street, are handling fine stock of Gladioli America.

A. F. F.

TOLEDO, O.—The Eastern Cut Flower Shop on Superior street has discontinued business.



Mention the American Florist when writing

—We are—

Wholesale Florists

Have twenty-two years experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

GUTTMAN & RAYNOR,

INC.
PHONES: 558 101 W. 28th St.,
FARRAGUT 2036 NEW YORK
2037

Mention the American Florist when writing

PHONE—FARRAGUT 8913

JAMES COYLE

WHOLESALE FLORIST

64 West 26th St., NEW YORK

(Opposite Coogan Building)

20 years experience

Consignments Solicited and Prompt RETURNS GUARANTEED.

Mention the American Florist when writing

Trade Directory

PRICE, \$3.00,
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AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

PAUL MECONI

WHOLESALE FLORIST

55-57 W. 26th Street

Telephone:
3864 Farragut.

NEW YORK CITY

Riedel & Meyer, Inc.

Wholesale Florists

25 YEARS EXPERIENCE

CONSIGNMENTS SOLICITED

49 West 28th Street,

NEW YORK

PHONES—4024 and 4025 MADISON SQUARE

BADGLEY & BISHOP, Inc.

Successors to Badgley, Riedel & Meyer.

Phones { 1664 } Madison Square, 34 W. 28th St., New York
 { 1665 }

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CHOICEST CUT FLOWERS**GEO. J. POLYKRANAS**

Wholesale Commission Florist

Consignments Solicited

104 West 28th St., NEW YORK

Telephone No. 2264 Farragut.

Walter F. Sheridan

Wholesale Florist

Telephone Call:
3532-3533 Farragut 133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and
Seasonable Flowers.**HORACE E. FROMENT**

WHOLESALE COMMISSION

American Beauty Roses a specialty. Roses,
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Wholesale Commission Florists

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Telephone 7362 Madison Square

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WILLIAM P. FORD

WHOLESALE FLORIST

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J. J. COAN, Inc.

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Telephones: Farragut 5413 and 5891.
CONSIGNMENTS SOLICITED.**Geo. C. Siebrecht**
WHOLESALE FLORIST

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CONSIGNMENTS SOLICITED.

Telephone Farragut 9761

Goldstein & Futterman

WHOLESALE FLORISTS

The Right People to Deal With.

102 West 28th St., New York

Wholesale Flower Markets

NEW YORK, Aug. 16. Per 100

Roses, Beauty, special.....	10 00@25 00
extra and fancy.....	6 00@ 8 00
No. 1 and No. 2.....	2 00@ 4 00
Prima Donna.....	1 00@10 00
Alice Stanley.....	1 00@ 5 00
Francis Scott Key, special.....	10 00@12 00
Mrs. Geo. Shawyer.....	1 00@ 6 00
White Killarney, fancy.....	4 00@ 5 00
Killarney, My Maryland.....	4 00@ 5 00
fancy.....	1 00@ 3 00
No. 1 and No. 2.....	1 00@ 6 00
Queen.....	1 00@ 5 00
Brilliant.....	1 00@ 8 00
Aaron Ward.....	25@ 4 00
Richmond.....	1 00@ 6 00
Sunburst.....	1 00@ 6 00
Taft.....	1 00@ 8 00
J. L. Mock.....	1 00@ 6 00
Ophelia.....	1 00@ 8 00
Mrs. Chas. Russell.....	1 00@10 00
Ulrich Brunner.....	1 00@ 6 00
Cleveland.....	2 00@10 00
Hadley.....	60 00@75 00
Cattleya Orchids, special.....	25 00@35 00
inferior grades.....	50
Dahlias.....	4 00@ 5 00
Lilies, Longiflorum and Harrisii.....	3 00@ 5 00
Lily of the Valley.....	1 50@ 2 50
Adiantum Croweanum and	1 00@ 1 50
Hybridum.....	50@ 60
Asparagus Plumosus.....	1 50
doz. bchs.....	5@ 80
Smilax.....	1 00@ 2 00
Glaadiolus America.....	
Inferior grades.....	
Asters.....	

United Cut Flower Co., Inc.

WHOLESALE

111 West 28th St., New York

Telephones: Farragut { 4422
 4423

PERCY W. RICHTERS, Manager.

Mention the American Florist when writing

HOUSE OF FERNS

Phone, Madison Square 4051.

41 West 28th St., NEW YORK

Asparagus Plumosus Nanus A Specialty.

RETTA E. RANKIN, Manager.

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Frank H. Traendly

Charles Schenck

Traendly & SchenckWholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY

Between 26th and 27th Sts.

Telephones: 798 and 799 Farragut.

Orchids, Roses, Carnations and all the other
best products of the leading growers.
Consignments solicited.

Mention the American Florist when writing

WM. KESSLER,

Successor to Kessler Bros.

113 W. 28th St., NEW YORK.

CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS

Phone 2336 Farragut Shipments Everywhere
Prompt and satisfactory. Consignments solicited**N. Y. Cut Flower Exchange**Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales
at 6 o'clock every morning.

Desirable well space to rent for advertising.

V. S. DORVAL. Secretary.

The Kervan Company

FRESH CUT EVERGREENS

and Mosses. Decorating Material for
Florist Trade at Wholesale.

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119 West 28th Street NEW YORK

George B. Hart

WHOLESALE FLORIST

24-30 Stone St., Rochester, N. Y.

M. C. Ford121 WEST 28th STREET
NEW YORK

Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
A complete assortment of the best in the
market can always be relied upon.

Telephone Farragut 634, 3066

HERMAN WEISS

Wholesale Florist

106 W. 28th St., NEW YORK

GEO. W. CRAWBUCK, Pres.

George W. Crawbuck Co.

(INC.)

Wholesale Commission Florists

57 WEST 28th STREET, NEW YORK

Telephone, Madison Square 5296.

DON'T TRUST TO LUCK

When you **see** that your stock of boxes is getting low, just make a note of it.

You can then drop us a line, at the end of the day, and have your last order duplicated.

Or, if you prefer a new design, we have no end of good ideas which we shall be glad to submit to you. Make a note of this.



A.A. ARNOLD PAPER BOX COMPANY
1302-1308 West Division St., Chicago



Columbus.

TRADE SLOW WITH LIMITED SUPPLY.

Trade is slow. This is in part due to the unusual poverty of display on the part of florists with which to tempt the buyer. Scorching dry weather has cut short the season of sweet peas and certain other flowers which should be still lingering in stock and has diminished the yield and quality of those which should be at the height of their luxuriance. The latter is particularly true of gladioli and dahlias. What promised to be a great yield of the former has dwindled to a meager supply. The demand exceeds acceptable offerings. On the public flower markets dealers are unable to get reduction of price below that asked the consumer. With regular growers the blooms on whole beds have burned up before reaching a mature stage. Rains within the past week are favorable to beds coming on, and a liberal yield of choice cuttings is anticipated within a week or two. Present prices range from \$1.25 to \$2 a dozen. Dahlias are almost a complete failure. At this time last year they were one of the principal staples. Roses are the best stock available, and the supply is fairly good. Some florists are stimulating trade by special rose sales. A few chrysanthemums have made their appearance and are selling for 35 cents a bloom. Funeral work is very quiet.

NOTES.

S. F. Stephens & Son are adding a new greenhouse to their plant, dimensions 35x110 feet. This firm has been conducting a persistent advertising campaign for some time, to convince the public that although located at the entrance to Greenlawn, the principal cemetery of the city, they are also in the general florist trade. They are meeting with good results from their advertising, and have added materially to the fair share of miscellaneous business which they have enjoyed in the past. Their cemetery trade has also been unusually large during the past summer.

T. J. Ludwig has the contract for floral table decorations at the opening of the new Hotel Desher, August 23. The building, which is just completed, represents an investment of \$1,000,000, aside from the ground and the furnishings. It will be under the same management as the Wallack hotel, New York, and a party of Eastern hotel men are coming on for the opening. The total contract in question is for a dinner to be given them.

Orman Grice, for the past nine years superintendent of the Livingston Seed Co.'s greenhouses, has resigned. His future plans have not been announced, nor has his successor been chosen.

F. M. Brownwell, head of the cut flower department of the Livingston Seed Company, is spending a vacation at his old home in northern Ohio.

J.

Terre Haute, Ind.

HEATED TERM LONGEST IN YEARS.

This city has experienced the longest hot spell in many years, extending from June 30 up to the present, with the mercury clinging close to the 100 mark and with a July average of 92½ in the shade. All plant growth has naturally suffered in consequence. Funeral work has been very heavy all summer, and at present writing continues good. Copious rains during the last few days will no doubt help the starved vegetation to a great degree. The trees in the parks and boulevards are infested with caterpillars, and they are a proposition to get rid of.

NOTES.

Harry Dempsey, 40 years of age, who has lived in this city nearly all his lifetime, and who for some time had been in charge of the greenhouses at the St. Mary's of the Woods Academy, died at St. Anthony's hospital August 7. He was a man of high principles and a fine grower, as his work at the academy proves. He is survived by his parents, one brother and two sisters, to whom the sympathy of the trade is extended.

John Winter, of the Terre Haute Rose & Carnation Co., added another man to his force July 30. He weighs 10 pounds. Mother and son are both doing fine.

The fifth house, 72x250 feet, is being erected at the Davis Gardens. This, when finished, will complete the north half of this establishment.

Edgar Webber of Heintz & Webber, accompanied by his wife, will visit his old home, Louisville, Ky., this week, making the trip by auto.

Kroeschell Bros. Co., Chicago, are installing a new boiler at Cowan Bros. range, which will heat their entire plant.

Wm. Dinkle, on College street, is adding three new 100-foot houses to his range.

Dr. Reiss has returned from a fishing trip in northern Wisconsin. Some fish.

Fred G. Heintz is erecting a fine residence at the Davis Gardens. B. S.

FLORISTS'

GREENING PINS.

No Florist should be without a box of Greening Pins, considering their small price, convenience and amount of labor saved. One box contains 10 lbs. (about 10,000 to 11,000 pins). (Samples free).

Price, per box.....\$1.50

5 boxes for..... 7.00

Geo. H. Angermueller

Wholesale Florist

1324 Pine St., St. Louis, Mo.

Mention the American Florist when writing

NEW FERNS

Green Sheet Moss.....\$1.75 per bag
Perpetuated Moss..... 3.50 per bag
Lyrata (Evergreen Oak) 2.50 per case

Caldwell the Woodsman Co.

Everything in Southern Evergreens

EVERGREEN,

ALABAMA

Mention the American Florist when writing

NEW CROP

Green Sheet Moss.....\$1.75 per bag
Perpetuated Moss..... 3.50 per bag
Lyrata (Evergreen Oak)
Foliage..... 2.50 per case

Edward A. Beaven, EVERGREEN,
ALA.

Mention the American Florist when writing

REFRIGERATORS

WRITE FOR CATALOG

Buchbinder Bros.

518 Milwaukee Ave., Chicago, Ill.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established 1857.



739 Buckingham Place.
L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

St. Louis, Mo.

Wm. A. Seeger
Nat. M. Kingsley
Martin J. Seeger



Telegraph orders filled on short notice in St. Louis and rest of Missouri.



San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNY STREET

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

For Wisconsin Delivery

OF
"Home Grown Flowers"

Get in touch with

J. E. MATTHEWSON, SHEBOYGAN, WISCONSIN.

Member of Florists' Telegraph Delivery.



Original Decorations a Specialty.

Branch:
THE VANDERBILT HOTEL

Main Phone, Murray Hill, 783 Park Ave. and
Branch 1808 34th St.

Chicago.

Des Moines.

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store. Greenhouses.

Member of Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members of Florists' Telegraph Delivery.

Cleveland, O.

The Smith & Feters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery
in this section from the

LEADING FLORISTS OF THE NORTHWEST



Members of Florists' Telegraph Delivery.

WASHINGTON

D. C.

Gude's

NEW YORK.

No. 22 West 59th Street

Adjoining Plaza Hotel

Member of the Florists' Telegraph Delivery.

Member F. T. D.

426 Madison Ave.
And 49th St., NEW YORK

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention. Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

Syracuse, N. Y.

MILES S. HENCEL
FLORIST

536 SOUTH SALINA STREET

General designs—All flowers in season

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists: **NEW YORK**
We are in the Heart of
And give special attention to steamer and theater
orders. Prompt delivery and best
stock in the market.

Members of Florists' Telegraph Delivery.



**SAN FRANCISCO
JOSEPH'S**

233-235 GRANT AVENUE

Members of Florists' Telegraph Delivery and National Florists for this District. A specialty made of "Welcoming" and "Bon Voyage" packages.

Denver, Colo.

**The Park
Floral Co.**

J. A. VALENTINE,
resident.

Members of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Members of Florists' Telegraph Delivery.

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

SEATTLE, WASH. HOLLYWOOD GARDENS

Seattle's Leading Flower Shop

1536 SECOND AVE.

Members of Florists' Telegraph Delivery.

PHILADELPHIA, 1800 Chestnut St.
ATLANTIC CITY, 2517 Board Walk

THE LONDON FLOWER
SHOP, LTD.

Members of Florists' Telegraph Delivery.

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A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member of Florists' Telegraph Delivery.

Name Index to Retail Florists Filling Telegraph Orders.

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Briggs Floral Co., Chicago.
Brooklyn Cut Flower Market, Brooklyn, N. Y.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Comley, Henry R., 6 Park St., Boston, Mass.
Cooke, Geo. H., Conn. Ave. and L. Washington.
Dard's, 44th and Madison Ave., New York.
Dominion Floral Co., The Montreal, Quebec.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyres, 106 State St., Albany, N. Y.
Evenden Bros., Williamsport, Pa.
Fox, J. M. & Son, Inc., Milwaukee, Wis.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A. & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Hatcher, John C., Schenectady, N. Y.
Hencle, Miles S., Syracuse, N. Y.
Heini & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Higgins, N. F., Springfield, Mass.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Howard & Smith, Los Angeles, Calif.
Huscroft's Flower Shop, Steubenville, O.
Johnston & Co., T. J., Providence, R. I.
Joseph's, 233-235 Grant Ave., San Francisco.
Joy Floral Co., Nashville, Tenn.
Keller Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Lehorius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia, Pa.
London Flower Shop, Ltd., Atlantic City, N. J.
Mangel, Chicago.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
McMurray, D. M., Pueblo, Colo.
Metairie Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Ogden Floral Co., Chicago.
Paley, Paul M., Little Rock, Ark.
Palmer, W. J. & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Pearson, E. W., Newburyport, Mass.
Penn, The Florist, Boston, Mass.
Philips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Potter Floral Co., El Paso, Texas.
Pyfer & Olsem, Wilmette, Ill.
Randall's Flower Shop, Worcester, Mass.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London and Norwich, Conn.
Reuter's, Westerly, R. I.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Seki Bros. & Co., Los Angeles, Calif.
Smith & Fettes, Cleveland, O.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Van Meter Flower Shop, Springfield, O.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Whitted Floral Co., Minneapolis, Minn.
Wilson, J. S., Floral Co., Des Moines, Iowa.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery.

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Henry Hart, Inc.

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1000 Madison Avenue
Telephone—Lenox 3822.

In the Heart of the most exclusive residential section.

Mention the American Florist when writing

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Hess & Swoboda

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DES MOINES

IN THE CENTER OF IOWA



J. S. Wilson Floral Co.

We cover all points in Iowa.

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THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

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Send your orders for Chicago and Suburbs to



Mention the American Florist when writing

Brooklyn, N. Y.

JOSEPH TREPEL

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—Six Up-to-date stores in the City of Brooklyn—
We give personal attention to your orders and guarantee satisfaction

Mention the American Florist when writing

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Hehl)

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Both Phones, 527.

Special attention to Mail and Telegraph Orders.

Member of Florists' Telegraph Delivery.

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Rochester, N. Y.

**J. B. KELLER SONS,
FLORISTS**

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Rochester Phone, 506 Long Dist. Bell Phone 2189

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Cleveland, O., and Vicinity.

Bramley & Son

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The Largest Growers of Flowers in City

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Duluth, Minn.

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Seventeen large Greenhouses. Deliveries everywhere in Minnesota. Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

Mention the American Florist when writing

Houston, Texas.

**Robt C. Kerr
Floral Co.**

Main and McKinney Phone, Preston 160

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyes, 106 State St.
Amsterdam, N. Y.—John C. Hatcher.
Boston, Mass.—Comley, Henry R.
Boston—Thos. F. Galvin, Inc.
Boston—Penn. The Florist.
Brooklyn, N. Y.—Brooklyn Cut Flower Market.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Briggs Floral Co.
Chicago—Friedman, 522 S. Michigan Blvd.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder, 3343 W. Madison St.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel, 17 E. Monroe St.
Chicago—Ogden Floral Co.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Petters.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews, the Florist.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Des Moines, Iowa.—J. S. Wilson Floral Co.
Detroit, Mich.—John Brettmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
El Paso, Texas—Potter Floral Co.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Paley.
Los Angeles, Calif.—Howard & Smith.
Los Angeles, Calif.—Seki Bros. & Co.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Milwaukee, Wis.—J. M. Fox & Son, Inc.
Montreal, Quebec—The Dominion Floral Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
Newburyport, Mass.—E. W. Pearson.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Henry Hart, Inc.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—G. E. M. Stump.
New York—Young & Nugent.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop, Ltd.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Providence, R. I.—T. J. Johnston & Co.
Pueblo, Colo.—McMurray, D. M.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Schenectady, N. Y.—John C. Hatcher.
Sheboygan, Wis.—J. E. Matthews.
St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Joseph's, 233-35 Grant Ave.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Springfield, Mass.—N. F. Higgins.
Springfield, O.—Van Meter Flower Shop.
Steubenville, O.—Huscroft's Flower Shop.
Syracuse, N. Y.—Miles S. Hencle.
Terre Haute, Ind.—J. G. Hehl & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Westerly, R. I.—Reuter's.
Wilmette, Ill.—Pyfer & Olsem.
Williamsport, Pa.—Eveneden Bros. Co.
Worcester, Mass.—Randall's Flower Shop.

Chicago.

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228 W. Madison St.
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Special attention paid to telegraph orders in Chicago and vicinity. One of our stores is located in the heart of the city and the other in the select north side residential district

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SEKI BROS. & CO.

Wholesale and Retail Florists

We grow All kinds of Decoration
our own flowers a Specialty

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Careful attention to all mail or telegraph orders for delivery in Wilmette—Chicago's North Shore Suburb—Evanston, Kenilworth, Winnetka, Glencoe, Lake Forest.

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David Clarke's Sons

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Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

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Podesta & Baldocchi

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Mail or telegraphic orders promptly and most carefully executed.

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Established over 20 Years.
N. E. COR. 10th and GRAND AVENUE.

Lang Floral & Nursery Co., Dallas, Texas

1303 Main Street

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

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Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.

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150 State St., SPRINGFIELD, MASS.

LEWIS HENDERSON, Florist

1814 Douglas St., OMAHA, NEB.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Telephone 1813 Main JOS. LEVY
BROOKLYN
Cut Flower Market, Inc.
Floral Designs a Specialty
356 FULTON STREET
BRANCH: 408 Fulton St.
BROOKLYN, N. Y.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

Wolfskill Bros. and
Morris Goldenson

Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

Kansas City, Mo.

Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully
cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS

Members of Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Avenues

Flowers delivered in city and state on short notice

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FLORIST

All orders carefully filled and delivered to all parts
of the city, Arkansas and the Southwest.

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members of Florists' Telegraph Delivery.

Steubenville, Ohio.

Huscroft's Flower Shop

173 North Fourth Street

All Orders Promptly Executed

DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.

THINK OF HEINL'S

Rockford, Ill.

H. W. BUCKBEE.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Oklahoma City.

USUAL SUMMER DULLNESS LACKING.

The retailers say that business is keeping up very well this summer; the usual dull season has not developed for some cause or other, but no particular complaints are made under that head. The main problem seems to be to get enough good stock to supply the demand.

NOTES.

Lon Foster spent a day at Guthrie recently at the establishment of Furrow & Co. He says that the four houses that are planted to roses give great promise. Last year this firm tried one house of roses as an experiment; the fact that four houses are planted this year would indicate that roses can be grown profitably in this section.

The delegates to the Houston convention changed their plans and left August 13, one day earlier than was intended. In the party leaving this city were: C. E. Fall, Kansas City, Mo.; Frank Stuppy, St. Joseph, Mo.; John W. Furrow, Guthrie; Phil Foley, Chicago; A. S. Gray, Chickasha, and Lon Foster, of this city.

Previous to leaving for the Houston convention Phil Foley, of Chicago, spent a few days with John W. Furrow at Guthrie.

Visitors: C. E. Fall, Kansas City, Mo.; Frank Stuppy, St. Joseph, Mo.; Phil Foley, Chicago; A. S. Gray, Chickasha, Okla. S. S. B.

INDIANAPOLIS, IND.—John Rieman is making extensive improvements at his store, 203 Massachusetts avenue.

KANSAS CITY,
MISSOURI.Rock's
FLOWERS

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

CHICAGO

The
Palmer House
Florist
17 E. MONROE ST.

Mention the American Florist when writing

C. H. FREY, Wholesale
and Retail
Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

Mention the American Florist when writing

Send Telegraph, Telephone or Mail Orders
for florist service in this vicinity to

THE DOMINION FLORAL CO.

484 St. Catherine's St., West

Montreal, Que., Canada

Every order receives prompt and careful attention

C. Trauenerfelder
FLORIST3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

E. W. PEARSON

47 State St., NEWBURYPORT, MASS.,

Covers all New England points.

Trade Directory

Price: \$3.00, Postpaid.

American Florist Co.,

440 S. Dearborn St.,

CHICAGO

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Pueblo, Colo.

D. M. McMurray
FLORIST

105 East Abriendo Ave.

Mention the American Florist when writing

Send Telegraph, Telephone or Mail orders for florist service in this vicinity to

Howard & Smith

853 So. Olive St., Los Angeles, Calif.

Every Order sure to receive prompt and careful attention.

Mention the American Florist when writing

WORCESTER, MASS.

Randall's Flower Shop,
13 Pleasant Street.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

VAN METER FLOWER SHOP
SPRING and HIGH, **Springfield, O.**

BEST FLOWERS for EVERY OCCASION.

Mention the American Florist when writing

Williamsport, Pa.
EVENDEN BROS. CO.

Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Boston, Mass.

HENRY R. COMLEY, Florist, 6 Park St.

50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

Mention the American Florist when writing

John C. Hatcher

Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Hoffmans, N. Y.

Mention the American Florist when writing

FREY & FREY,

1338 O Street, LINCOLN, NEB.
WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

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El Paso, Texas.

Potter Floral Co.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Boston, Mass.

Penn The Florist

"Penn, The Telegraph Florist"

Member of Florists' Telegraph Delivery Ass'n.

124 TREMONT STREET

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

Mention the American Florist when writing

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

106 STATE STREET.

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Toronto, Can.

Canada's best known and most reliable florist

Only the Best Dunlop's

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee safe arrival.

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INC.

NEW YORK 561 Fifth Ave.

BOSTON 1 Park Street
799 Boylston Street

Deliveries to steamers and all Eastern Points.

Mention the American Florist when writing

Trade Directory

Containing the Names and Addresses of Florists of the United States and Canada.

PRICE, \$3.00 POSTPAID.

American Florist Co., 440 S. Dearborn St., Chicago

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

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A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Washington, D. C.

GEO. H. COOKE

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Connecticut Avenue and L Street

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of Florists' Telegraph Delivery.

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S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Members of Florists' Telegraph Delivery.

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16 and 18 W. 3rd St.

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Established in 1883.

Greenhouses and Nurseries in Riverdale.

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J. R. BUTZOW

OGDEN FLORAL CO.

1917 Harrison St.

We are Located Near Seven of Chicago's Leading West Side Hospitals and Can Fill all Orders properly on short notice. L. D. Phone, West 722

Mention the American Florist when writing

PROVIDENCE, R. I.

T. J. JOHNSTON & CO.

NEW ENGLAND PORTS.

171 WETBOSSET ST., PROVIDENCE

Mention the American Florist when writing

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President;
F. W. Bolgiano, Washington, D. C., First
Vice-President; L. L. Olds, Madison, Wis.,
Second Vice-President; C. E. Kendel, Cleve-
land, O., Secretary and Treasurer. Thirty-
fifth annual convention, June, 1917.

Disclaimer Resolution.

The following resolution was unanimously adopted at the annual convention of the American Seed Trade Association, held at Chicago, June 20-22, 1916:

Resolved, That this association is opposed to any legislation affecting the germination of seeds, nullifying the disclaimer, or interfering with interstate commerce.

KANSAS CITY, Mo.—Juvenal & Son have closed out their seed business here.

REPORTS from St. Anthony, Ida., dated August 11, indicate damage to late peas by hail.

CABLE advices from Southern France indicate that freesia bulbs in the two larger sizes are not to be had, the third size only being available.

GRAND RAPIDS, MICH.—A. J. Brown is still at his summer residence at Northport Point. His wrist, broken in an accident recently, is mending.

CHICAGO.—Prices for grass seed on the Board of Trade, August 16, were as follows: Timothy, \$4.50 to \$5.25 per 100 pounds.—W. W. Barnard Co. has added a new Ford to its local traction outfits.

GLADIOLUS bulb crops in the middle west, unfavorably affected by continuous rains in the spring, are now suffering more seriously, especially on high ground, from five weeks of drought.

GARDEN BEANS in central Michigan, which look none too well, have been helped by recent rains, but the final outcome of the crop depends on weather from now on. Montana crops are reported looking well.

OF the 323 official samples of seed drawn from dealers' stocks in 1915 by authorized representatives of the New York state commissioner of agriculture, only 15, or 4.6 per cent, were found upon analysis to be violations of the seed law.

VISITED CHICAGO: Arthur G. Deal, Boston, Eng.; C. P. Peppard of J. P. Peppard Co., Kansas City, Mo., returning from a month's stay at Plattsburg civilian training camp; Edwin B. Northrup and Geo. C. Thompson, of Northrup, King & Co., Minneapolis, Minn.

W. W. BARNARD, of the W. W. Barnard Co., Chicago, was in the city for a short time last week but the hot spell drove him back to his summer home in northern Michigan. A. H. Goodwin, vice-president of this company, is spending about half his time at his Indiana summer home.

ANOTHER French house writes: "There does not seem to be any great shortage in Paper Whites or Trumpet Major, but Soleil d'Or is scarce and orders can not be filled. The crop of white Roman hyacinths so far has been poor, both in regard to quality and quantity, and the American consumers cannot depend on receiving the usual fine quality."

French Bulb Crops.

Toulon advices under date of July 24 are as follows:

Roman hyacinths.—This crop is undoubtedly the worst of all; in fact, the jobbers claim it would be necessary to go back 30 years to find its equal. The highest estimate of salable bulbs from 11 c. m. upwards can be computed at 40 per cent. In many instances on contracts between small growers and merchants, ranging between 3,000 and 10,000, no bulbs have been, or are likely to be delivered, as the hyacinths, when lifted, have either become too diseased or else too small for export trade. Other contracts show returns ranging from 15 per cent to 33 1-3 per cent. There are instances, however, where better returns have been secured; in fact, as high as 70 per cent, but these instances are so rare that the average is affected very slightly. From facts gathered in the bulb districts, it appears the crop experienced more rain than necessary for its welfare, and this excessive humidity lasted until the end of February. This heavy rainfall brought about a disease at the roots. Since March the weather has been exceedingly dry, and the hyacinths commenced to make fresh growth. Unfortunately, in the spring the district experienced the full effects of a strong, cold wind, which produced a stoppage in the development of the bulbs and caused the sap to stop flowing. During the past three and one-half months not a drop of rain has fallen, consequently the bulbs have ripened off prematurely. Bulbs are deficient in quality this season; in fact, those of 13 c. m. and upwards cannot be obtained in any quantity. Size 12 c. m. is also scarce. Florists in the main will have to be satisfied with 11 c. m. size, and there is not a large quantity of them. Instances are known where certain firms are taking bulbs as low as 10 c. m., which means that the planting stocks will be much diminished. In 1915, the crop of bulbs 12 c. m. and up was estimated at five to six millions, other years eight to ten millions. The highest estimate for 1916 gives a return of one and one-half millions. As the English importers have secured special permits for Roman hyacinths and other bulbs, their presence on the market has helped to inflate prices.

Hyacinths, colored. — Less grown here each year. Only a few growers are producing them now. Certainly Italy has shipped a few bulbs to the exporters here, but their demands have been so high, and the risks of shipments by delay in transit so great, that very few of the merchants have entertained their offers, which, in any case, are very, very few.

Narcissus Paper White grandiflora. — These do not fear the humidity like hyacinths. The dry weather of the past few months has had a disastrous effect on the crops. The bulbs flowered profusely last December and January, but unfortunately, after the

flowers were produced, instead of developing in size of bulb, they ceased their growth quickly through want of rain. Bulbs of 14 c. m. and up are practically unobtainable. The 13 c. m. size are scarce, and only to be secured at exorbitant prices. Many firms have had to be satisfied this year with 12 and 12½ c. m. bulbs. The former may flower from anything between 50 per cent and 70 per cent. The 12½ c. m. size should give far better results than the 13 c. m. size of last year, when the elements were against the satisfactory production of bloom. Other reasons are forthcoming for the increase in prices. Skilled labor is out of the question. Boys of 14 to 16 years are now doing the labor of men. Women, as usual, are accomplishing what grading is required, but really the crop is so small, and prices for all sizes so high, that exporters are not keen to grade the bulbs as in former years. Besides, wages are much higher. Another factor in the increased values is the want of rain, which has made the ground so hard that bulbs cannot be pulled just now on heavy soils, which is the kind most adapted to the narcissus. These bulbs are usually grown on the hills, which are not watered. The ground on the level is far too expensive to be devoted to this crop. Merchants who accepted contract orders are undoubtedly losing heavily. They have, on account of the inferior size and scarcity of the bulbs harvested, been obliged to inform their clients that the sizes would be reduced proportionately, but that contract prices would remain firm nevertheless. In most instances the buyers have complied with their requests.

Freesias.—The cold winds in March stopped the growth and burnt the foliage. Crop about 20 per cent.

Alyssum and ornithogalum.—Crops are good and prices reasonable. Bulbs coming in slowly.

Lilium candidum. — Quality good, prices high.

Narcissus.—Varieties such as Soleil d'Or are not in great demand, and almost full shipments may be expected.

General Prospects.—The possibilities for next season are not hopeful; in fact, there is every indication that matters will be worse, especially if the war continues. Too many bulbs of planting size have been lifted and sold at remunerative rates this year. These heavy purchases of small bulbs will have a baneful effect on the results next year, when, unless very favorable weather should ensue from planting time onwards, a dearth of bulbs of the best quality is anticipated.

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Onion,
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LILY BULBS

FALL SHIPMENT FROM JAPAN

Prices quoted F. O. B. New York, Chicago, Denver, San Francisco, and London (Ont.)

Write for quotations stating quantity, variety and size required.

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TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

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For present delivery or on contract.

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Specialties—Giant Half-Sugar Mangel-Wurzel, Beet, Carrot, Celery, Dandelion, Endive, Leek, Lettuce, Radish, Swiss-Chard, Swede and Turnip,
IMPORTERS OF—Red-top, Meadow Fescue, Blue Grass, Sunflower, Timothy and Garden Peas.

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BEANS, PEAS, RADISH

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Booking contract orders now for future delivery. Write for prices.

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SWEET PEAS, Spencers, Grandifloras,
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VAUGHAN'S Pansy Seed

For August Sowing

Vaughan's International Mixture

This is one of the **Specialties** that has established the reputation of Vaughan's Flower Seeds, and one which we maintain most carefully. You may pay more, but you can't buy better. Trade pkt., 50c; 1/8 oz., \$1.50; 1/2 oz., \$5.00; oz., \$10.00.

Vaughan's Giant Mixture

This mixture includes the richest reds, coppers and bronzes, together with the most delicate rose and pink shadings, all the distinct colors of Trimardean and the splendid Cassier strain. Trade pkt., 25c; 1/8 oz., 60c; oz., \$4.00; 1/4 lb., \$14.00.

Our Mid-summer list of Flower Seeds for Florists has been mailed this month. Please write us if you have not received your copy.

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Has been mailed. If you have not received a copy, send Postal for it.

Part of new crop will be ready early in July.

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REX BEGONIAS

Choice collection of mixed sorts. Extra strong plants, ready to retail. 3-in. pots, \$1.00 per doz., \$8.00 per 100. Vinca variegata, 2-in., \$2.00 per 100. S. A. Nutt, 2-in., \$1.65 per 100; \$16.00 per 1000. Satisfaction guaranteed.

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NEW CROP SEED READY FOR DELIVERY NOW.

APRICOT AND ORANGE.		1 oz.	4 oz.	1 lb.
APRICOT ORCHID.	Mostly apricot self.	\$1.50	\$4.50	\$15.00
ORANGE ORCHID.	Standard orange, wings dark salmon-pink.	1.50	4.50	15.00

LAVENDER AND BLUE.		1 oz.	4 oz.	1 lb.
E. BURKE.	Light blue. Trade pkt. (25 seeds), 50 cents, ¼ oz., \$2.50	6.00	.....	.....
MRS. JOHN M. BARKER.	Lilac.	1.50	4.50	15.00

PINK AND LIGHT PINK		1 oz.	4 oz.	1 lb.
BOHEMIAN GIRL.	Light pink.	\$1.50	\$ 4.50	\$15.00
FORDHOOK PINK.	Rose-pink on white ground.	1.25	3.50	12.00
MORNING STAR.	Self pink color.	3.00	10.00	35.00
MRS. JOS. MANDA.	Light shell-pink.	.65	2.00	7.50
MISS FLORENCE ROLAND.	Pink with salmon.	1.50	4.50	15.00
MRS. A. A. SKACH.	Bright pink.	.65	2.00	7.50
ROSE QUEEN.	A pink of sterling merit.	1.50	5.00	18.00
YARRAWA.	Bright rose pink. Australian grown seed.	2.00	9.00	24.00
California Grown Seed		.65	2.25	8.00

PINK AND WHITE.		1 oz.	4 oz.	1 lb.
CHRISTMAS PINK ORCHID.	Pink, white wings.	\$3.00	\$10.00	\$35.00
PINK-AND-WHITE ORCHID.		.65	2.00	7.50
SENSATION.	Newman & Legg's variety of the Christmas Pink Orchid	3.00	10.00	35.00
THE CZAR.	Rose, wings white, mottled pink.	3.00	10.00	35.00

RED AND ROSE.		1 oz.	4 oz.	1 lb.
BELGIAN HERO.	A beautiful rose.	\$3.00	\$10.00	\$35.00
FORDHOOK ROSE.	Rosy carmine.	1.50	4.00	15.00
ORCHID BEAUTY.	Rose-pink, with orange.	.75	2.50	9.00
RED ORCHID.	Bright cherry-red.	.75	2.50	10.00
SENSATION SCARLET.	Bright scarlet.	3.00	10.00	35.00

WHITE AND BLUSH.		1 oz.	4 oz.	1 lb.
BRIDAL VEIL.	Pure white.	\$1.00	\$3.50	\$12.00
MRS. M. SPANOLIN.	Double; white.	1.00	3.50	12.00
VENUS.	Blush pink.	1.50	4.50	15.00
WHITE ORCHID.	Pure white.	.65	2.00	7.50

Mixed Spencers Winter-Flowering

oz., 65c; ¼ lb., \$2.00; lb., \$7.50

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5 PER CENT DISCOUNT FOR CASH WITH ORDER.

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Lilium Harrisii Bulbs

	Per 100	1000
5 in. to 7 in.	\$ 5.00	\$40.00
7 in. to 9 in.	9.00	80.00
9 in. to 11 in.	22.00	

For Immediate Delivery.

J. M. Thorburn & Co.

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Imported Bulbs

Narcissi, Hyacinths and Tulips
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We Offer
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Write for
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Sweet Pea and Nasturtium Specialists.

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Pepper Tomato Egg Plant Spinach
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PANSY SEED

My Giant Pansy seed new crop now ready, contains the finest mixtures in superb colors all grown from selected stock. Try a pkt. of this seed you will not be disappointed. 1 pkt., 5000 seeds, \$1.00; ½ pkt., 50c; \$4.00 per oz.; 3 ozs., \$10.00. Cash with order.

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Grower only of the finest Pansies.

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SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
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Specialties: Lettuce, Onion, Sweet Peas, Asters,
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President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held in
Chicago, September, 1916.

Crop Condition, August 1, 1916.

The condition of all crops in the United States on August 1 was 2.6 per cent below the 10 year average on that date, 4.1 per cent lower than on July 1, and 9.3 per cent lower than the final yields last year. The condition of various crops on August 1, or at harvest, on a basis of 100 per cent average (not normal) was as follows: Tomatoes, 99.3; cantaloupes, 98.2; watermelons, 95.8; cabbages, 96.4; potatoes, 98.4; onions, 95.6.

Prices of Indoor Fruits and Vegetables.

Chicago, Aug. 15.—Mushrooms, home grown, 15 to 25 cents per pound; lettuce, tomato boxes, 35 to 45 cents; radishes, \$3.50 per 100 bunches; celery, 50 to 80 cents per box; tomatoes, four baskets 30 to 65 cents; cucumbers, per hamper, 75 cents to \$1.25.

New York, Aug. 15. — Celery, per crate, \$1.50 to \$5.00; cucumbers, 50 cents to \$1.50 per basket; mushrooms, \$2.00 to \$3.50 per 4-pound basket; tomatoes, per carrier, 20 cents to \$1.50; radishes, per 100 bunches, \$1.50 to \$2.00; lettuce, per basket, 50 cents to \$2.00.

National Conference on Marketing.

A programme of unusual interest is in preparation for the Fourth National Conference on Marketing and Farm Credits to be held in Chicago, December 4-9. Speakers of national repute, as well as experts in foreign lands will present papers. Waste in the handling of farm products is to be a feature, and practical plans will be drawn for improving the quality of farm products and providing for increased consumption, both from state and federal standpoints.

The scope and limitations of the federal farm loan bill will be analyzed so that the American grower may know what to expect under its terms. How to turn tenant farmers into home owners; how to move landless men to the land; how to handle the immigrant and other vital after-the-war questions will come up for discussion. For further information, address, Charles W. Holman, secretary, 340 Washington Bldg., Madison, Wis.

The Soil Supply.

There is no more important item around a greenhouse than a good supply of suitable soil. At this time of the year it is generally easier than at any other time to get the soil in proper condition; also the labor can generally be spared easier now than earlier in the season. We have for years practiced a method that has given good results. We select a desirable piece of land, generally sod, plow it to the desired depth and then add whatever manure and fertilizer we wish to incorporate. Then the disc harrow is used to reduce the soil and

mix the manure and fertilizer thoroughly. This may mean an unusual amount of labor at times, for we spare no pains to have the soil right, for no matter how much team work we put on it is cheaper and better than hand labor indoors. If we are not in a hurry, it is generally best to give the land a rest of a week or two and reduce at intervals; however, we have reduced sod to potting soil in 10 hours at one time when necessary. If the sod can lay and decay after plowing, the work will be much easier. When the soil is in proper condition it should be moved to the greenhouse or stored in a cheap shed to protect from rain. We sometimes pile in A shaped piles in the field and roof by lapping celery boards. In this shape it is available any time when wanted. Just recently we removed a large amount of soil out of a new fruit plantation by taking a small amount between each row with a manure spreader. This soil was unloaded with the spreader near the greenhouse, manure and bone meal added and then disked into condition ready for use indoors. We use a double acting cut-away disc and find it a good tool for this work.

MARKETMAN.

Nassau County Horticultural Society.

The regular meeting of the Nassau County Horticultural Society was held at Glen Cove, August 9, President James McDonald in the chair. The schedule for the coming dahlia show, which had been prepared by the executive committee, was read by Robert Jones, chairman of the committee, and was approved. It contains 63 classes, covering exhibits of dahlias, roses and other outdoor flowers and vegetables; also, a class for decorated dinner tables. With one or two exceptions the classes are open to all and all exhibitors will be welcomed. Secretary Gibson is still receiving many offers of prizes for the society's chrysanthemum show, and the outlook is most favorable for a very successful exhibition.

John Ingraham, of Oyster Bay, staged a gorgeous display of gladioli for which he was awarded a certificate of culture, together with the thanks of the society. Harry Goodbrand was awarded first premium for 12 spikes of gladioli and won first honors with 12 asters. Six tomatoes exhibited by John W. Everitt were awarded the blue ribbon. John Johnstone, Joseph Robinson and Thomas Twigg officiated as judges. By request John Ingraham gave a very interesting talk on "Gladioli," in which he told of cultural methods and mentioned the varieties which he had found best suited to meet growing conditions on Long Island.

JAS. MCCARTHY, Cor. Sec'y.

Cincinnati.

GOOD STOCK CLEANS UP READILY.

After seven weeks of continuous heat, the weather became cooler the first of this week, and August 15, we had a few light showers. The supply is a little heavier than it was last week. Most everything was out, while what is coming into the market is cleaning up readily. Gladioli are in a good supply and many excellent blooms may be had. Asters are just between seasons, but those that come in, generally sell readily. Easter lilies, rubrums and al-bums are in a good supply and have a good market. Roses do not amount to very much at the present time. The few good ones obtainable sell very readily. Hardy hydrangeas have met with an active market. Water lilies have a fair call.

NOTES.

Mrs. Frances Enneking, mother of Joseph Enneking, manager of Max Rudolph's store, died recently at Oldenburg, Ind. Mr. Enneking is receiving the sympathy of his friends in his bereavement.

The sympathy of his friends in the trade is extended to Dan Carmichael, of J. M. McCullough Sons Co., in his bereavement over the sudden death of his wife, Catherine, August 13.

John A. Evans, of Richmond, Ind., stopped in this city to change trains, while on his way to the S. A. F. convention.

C. E. Critchell has been having an excellent supply of gladioli.

Visitors: Oscar Leistner, Chicago; O. A. Fagin, Mt. Holly, O.; G. A. Beckman and wife, Middletown, O.; N. J. Marion, of Marion Bros., Circleville, O.; H. N. Brothers, Cleveland, O. H.

CLEVELAND, O.—The Wooster experiment station, with the approval of the state authorities, will make an exceptional vegetable display at the Industrial exposition and fair to be held here, September 2-9.

"Market Gardening"

An elementary text book containing 102 pages, 5x7, with 36 illustrations by F. L. Yeaw, manager of the Oasis Farm & Orchard Co., Roswell, N. M.

Cloth Bound, 75 cents.

AMERICAN FLORIST CO.,
440 South Dearborn Street, CHICAGO

Vegetable Plants

Celery, White Plume, \$1.00 per 1000;
10,000 and over, 85c per 1000. Self
Blanching Celery, at \$2.50 per 1000.

Parsley, Dwarf Fern leaf, 25c per 100;
\$1.25 per 1000.

Cash with the order.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

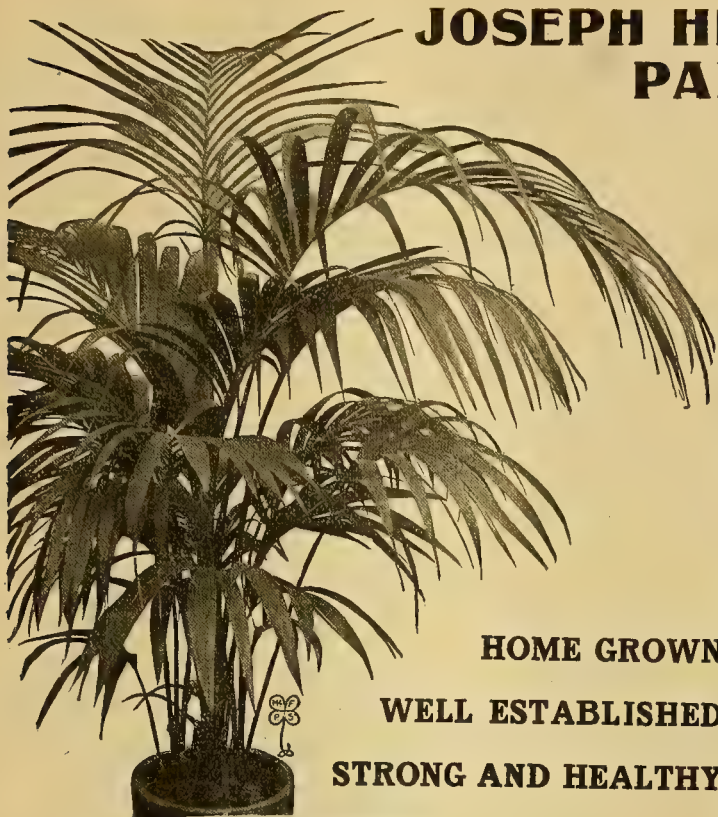
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KENTIA BELMOREANA.

Leaves	In. high	Each	Per doz.
2½-in. pot 4	8-10.....		\$ 1.50
3-in. pot 5	12.....		2.50
4-in. pot 5-6	15.....	\$.45	5.00
5-in. pot 6-7	18-20.....	.75	9.00
6-in. pot 6-7	22-24.....	1.00	12.00
6-in. pot 6-7	26-28.....	1.50	18.00
6-in. pot 6-7	30.....	2.00	24.00
7-in. cedar tub. 6-7	34-36.....	3.00	36.00
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Ready Oct. 15.

9-in. cedar tub. 6-7.....5-5½ ft..... 10.00

KENTIA FORSTERIANA.

Leaves	In. high	Each	Per doz.
6-in. pot 5-6	24.....	1.00	12.00
6-in. pot 5-6	30-32.....	1.50	18.00

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In. high	Each
7-in. cedar tub, 4 plants in tub..... 30-36.....	\$ 3.00
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EXTRA SPECIAL--\$1.50

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The Nursery Trade

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Forty-second annual convention will be held at Philadelphia, Pa., June, 1917.

DAVENPORT, IA.—Preparations for improvements are well under way at Vander Veer, Fejervary and river front parks.

Propagation of Shrubs.

ED. AMERICAN FLORIST:

Will you kindly give me information regarding the procedure in propagating (rooting) hardy shrubs from cuttings in frames in the summer as it is practiced by many nurserymen in climatic conditions corresponding to those of New York or Philadelphia? I refer to such shrubs as hydrangeas, deutzias, Philadelphuses viburnums, forsythias, etc. How deep should the frames be, and how much manure is required, or may this be omitted and the rooting made in a cold bottom? How high should the superstructure be which carries the cloth shades, and what material is best for the shades? Should the material be thick or thin, excluding much or little light, and when should they be removed in the afternoon? I would also like particulars as to watering, ventilating, and the best kind of sand to use; also, as to how early in the summer and how late in the autumn the cuttings can be handled in the frames to good advantage. I should much appreciate answers to these questions and others that may suggest themselves on this subject.

Penna.

X.

The writer has had the same experience as the questioner, in that it was found very difficult to get data as to propagation of even the commonest shrubs. Bailey's "Nursery Book" gave in general terms, the art of grafting and propagation by cuttings, but did not go far enough for the searcher after knowledge in all its details. It is now possible to get itemized information on the increase by seeds, grafting or cuttings of all trees and shrubs in Bailey's new edition of the *Cyclopedia of American Horticulture*, written for this work by Rehder, who also gives the various stocks available for the different genera. To illustrate, we will take the cotoneasters, this wonderful new set, that has been found for us in China by Wilson. Rehder tells us that these can be increased by seeds sown in fall or stratified. The evergreen species grow readily from cuttings of half-ripened wood in August under glass; increased also by layers, put down in fall, or by grafting on *C. vulgaris*, hawthorn, mountain ash or quince.

The above is given to show how each family of plants have affinity with others that would not be surmised. In the case of the recent introductions it is too long to wait for seeds to be available in quantity; cotoneaster seeds take often two years to germinate; a cutting takes too much of the wood of a rare thing, when we take the risk of loss by a few very hot days, but it can be seen that grafting is the quickest way to

get up a stock when we have the choice of four different common plants easily obtained as seedlings.

It is perhaps not generally known that nurserymen rarely raise their own young stock except in the case of rare plants. It was always possible to import from Europe at a very low price, grow on for a year or two, and sell practically all of the well known trees and shrubs. Of late, however, the tide has turned, and Europe has to come here now for the more recent of Wilson's additions to our gardens from China, and the art of propagation is being studied as never before. It must of necessity be one of the oldest, and yet the writer in his 40 years among cultivators, has known but three real propagators. There is an old adage that says that "a good propagator will never make a good gardener." This may seem a paradox, but the true cultivator after he has raised a plant hard to increase, and wants to grow it on, hates to part with it. The other fellow has to eat to live, and, on the side, separate himself day after day from things he has nursed from infancy.

All of the shrubs named by "X" can be rooted from cuttings made from half-ripened shoots in August. An ideal place to make the cutting bed is on a spent hotbed, placing about six inches of sand on the soil, and using growth about six inches long, and inserting more than half this length in the sand. Water well to firm the bed, shade with sash with the glass painted, raise the sash at top and bottom so there will be a current of air at all times passing over the cuttings, and spray overhead on hot days. The lilacs can be rooted only in this way, and most of the viburnums also. The cuttings when rooted should be put in flats of good soil and wintered in a cellar where bulbs keep well until spring and time comes to line them out. Hardwood cuttings are easier to handle, as these can be made in early winter from current season's growth about a foot long. These tied in bundles, placed in flats of sand in a cellar until spring, and then lined out in rows, make large plants the first year, in many cases big enough to sell.

Evergreens can be rooted from cuttings taken at this time and placed under the same conditions as the cuttings of shrubs, and will need the same treatment for rooting. It sometimes happens that they do not root before winter, and then will need to be protected during the winter, either in the cutting bed or in flats. The arborvitae are increased this way, also the juniperus.

The cedars are usually grafted on the common red cedar stock. This is an operation which requires skillful treatment, and is rarely attempted except in a small way, by those not accustomed to raise them in large quantities.

The pines are also grafted usually on the seedling white pine, and the choice varieties of spruce are also grafted usually on the seedling Norway spruce.

The sowing of seeds of shrubs and trees should be made directly the seeds are gathered, preferably in beds outside, where they may get the action of frost during the first winter after the sowing. This is very important, as it usually occurs under natural conditions. If the seed is not frozen it often takes two years for the seed to germinate. Seedlings, however, take at least two years before they are large enough to be transplanted, and cuttings are always preferable when propagation can not be made by that means.

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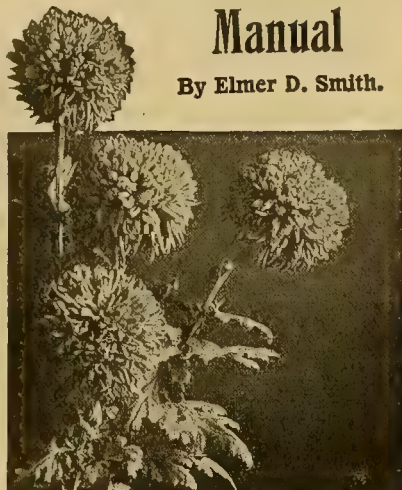
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11-in. tubs.....\$2.50 and \$3 each

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London Fern. A good, strong grower.
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A dwarf, compact form of Nephrolepis Elegantissima, each plant making an ideal shape.
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6-inch pots, 16 to 18 inches high, 4 tiers.....	1.00
7-inch pots, 18 to 20 inches high, 4 to 5 tiers.....	1.25

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	Each
5-inch pots, 8 to 10 inches high, 3 tiers.....	\$0.75
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6-inch pots, 12 inches high, 2 to 3 tiers.....	\$1.00
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30 E. Randolph Street, L. D. PHONE—CENTRAL 2846 CHICAGO, ILL.

New Trier Horticultural Society.

The third annual exhibition of the New Trier Horticultural Society was held at the community house at Winnetka, Ill., August 10. There were more exhibitors than last year, but the recent dry weather affected some of the blooming plants, while the vegetables showed the effects of the excessive rains earlier in the season. The attendance was cut down somewhat by rain on the day of the exhibition. L. B. Kuppenheimer led the list of prize winners, with Mrs. Hermon B. Butler, the winner of the last two years' events, a close second. Among the principal exhibitors were the following: L. B. Kuppenheimer, Mrs. Hermon B. Butler, Mrs. C. N. Strotz, Benjamin Allen, Mrs. George Higginson, Jr., Mrs. W. G. Hibbard, Mrs. Henry P. Crowell, Mrs. I. K. Friedman, Mrs. J. W. Scott, Mrs. J. W. Gary and Mrs. Douglas Smith.

Storm Damage Near Boston.

A severe storm which visited the vicinity of Boston, Mass., July 31, caused considerable damage to greenhouse glass and growing crops. The wind caused quite a loss at the establishment of Wm. Sim, Cliftondale, both to the crop and the houses. Thos. Roland at Nahant also suffered, his glass loss being reported at \$250. Additional losses are reported from Saugus and Revere.

St. Louis Florists' Club.

At the regular meeting of the Florists' Club, August 10, the following officers were elected: Jules Bourdet, president; August Hummert, vice-president; W. C. Smith, treasurer; J. J. Windler, secretary. The trustees were re-elected.

EVANSVILLE, IND.—A decree of dissolution has been filed by the Evansville Floral Co.

St. LOUIS, Mo.—A flower shop has been opened at Skinner and Berlin avenues by Mrs. Ben Westhus. Excellent business is reported.

FOND DU LAC, WIS.—S. P. Kordatos has fitted up a flower shop in the First National Bank building at an expense of \$2,000. He formerly conducted the Princess Flower Shop at Appleton.

Bay Trees

STANDARD OR TREE SHAPED

Stems	Each	Pair
30-in. Crowns 24-in.	\$ 7.00	\$13.00
36-in. " 24-in.	7.00	13.00
45-in. " 26-in.	7.50	14.00
45-in. " 30-in.	10.00	18.00
48-in. " 34-in.	12.00	22.00
48 in. " 40-in.	15.00	28.00

PYRAMIDAL SHAPED

5 ft. high 24 in. diameter at base.....	\$8.00	\$15.00
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Boxwood Plants

IN TUBS

	Each	Pair
PYRAMIDS— 2½-ft.	\$2.00	\$3.75
3-ft.	2.50	4.50
3½-ft.	3.50	6.00
BUSH— 24-inch.	1.25	2.35
30 inch.	2.75	5.00
36-inch.	3.75	7.00
10-inch (out of tubs) doz., \$3.00:		
12-in. doz., \$4.00.		
STANDARDS— 18 20-inch stem, 12 inch ball tops.	3.00	5.50
12-in. stem, 12-in. crown.....	1.25	2.25
14-15-in. stem, 12-in. crown.....	1.50	2.75
GLOBE— 15x15-inch.	2.75	5.00
18x18-inch.	3.50	6.50
BUSH—Out of tubs—	Doz.	Per 100
12-inch.	\$4.00	\$30.00
18-inch.	6.50	45.00

Out of tubs 25c each reduction.

10% discount allowed on Pyramids in lots of 10 or more.
10% discount allowed on Bush shape in lots of 50 or more.



PYRAMIDAL BOX TREE

Poinsettias August Delivery.

2½ inch. strong stock.
\$6.00..... per 100 \$50.00..... per 1000

Ampelopsis Veitchi

3-year, pot grown.
Per doz.....\$3.00 Per 100.....\$20.00

VAUGHAN'S SEED STORE
CHICAGO NEW YORK

Mention the American Florist when writing

MEDFORD, WIS.—Willis Riefenberg is reported insolvent.

LACKAWANNA, N. Y.—R. C. Avery and others will shortly incorporate the Victoria Floral Company. The company will handle general greenhouse stock.

Trade Directory

Price \$3.00, postpaid

AMERICAN FLORIST CO.
440 S. Dearborn Street, CHICAGO

Ready Reference Section.

10 CENTS PER LINE, NET.



AMPELOPSIS VEITCHI.

Ampelopsis Veitchi, 3 year, pot-grown, \$3 per dozen; \$20 per 100. Vaughan's Seed Store, Chicago and New York.

ARAUCARIAS.

Araucarias. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

ASPARAGUS.

SPRENGERI, strong planting stock, 6c. Levant Cole, 89 Wendell St., Battle Creek, Mich.

ASPARAGUS PLUMOSUS, 2½-in., \$2.50 per 100. Cash please. Edgar Easterday, Nokomis, Illinois.

ASPARAGUS SPRENGERI, 3-in., \$4 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

AZALEAS.

Azaleas. W. & T. Smith Co., Geneva, N. Y.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEGONIAS.

BEGONIAS.

Xmas Red, 3-in. \$8.00 per 100
Erfordii, 2½-in. 3.00 per 100
Erfordii, 3-in. 6.00 per 100
Chatelaine, 2½-in. 3.50 per 100
Chatelaine, 3-in. 8.00 per 100
Prima Donna, 2½-in. 3.00 per 100

Extra strong plants all in bloom.

Vernon, Erfordii, Prima Donna, Luminosa and Triumph, strong transplanted seedlings, \$1.50 per 100. Begonias, tuberous started, \$6.00 per 100; \$1.00 per doz., separate color or mixed. ERNEST ROBER, Wilmette, Ill.

BEGONIAS—Immediate Delivery.

Mrs. J. A. Peterson (new), 2½-in. pots. \$25.00
Per 1,000 200.00
JULIUS ROEHRS CO., Rutherford, N. J.

Rex Begonias, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BOXWOOD.

BOXWOODS.

PYRAMIDS. Broad, heavy specimens, 2 ft., \$1.90 each; 2½ ft., \$2.00 each; 3 ft., \$2.50 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee, Ill. Write for prices on larger sizes.

BUSH SHAPE, 10-12-in., balled, 30c each; 18-in., balled, 60c each; 30-in., balled, \$1.75 each.

THE D. HILL NURSERY CO., INC. Dundee, Ill.
Box 404,

Bay and Boxwood Trees. Very choice stock. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

BULBS.

Bulbs. French Paper White Grandiflora. Write for varieties and prices. Lilium Formosum, 7 to 9-in., (250 to case), \$58 per 1,000; 9 to 10-in., (180 to case), \$80 per 1,000. Lilium Harrisii, 6 to 7-in., (335 to case), \$55 per 100; 7 to 9-in., (200 to case), \$85 per 100. Vaughan's Seed Store, Chicago and New York.

Bulbs. Lilium Harrisii for immediate delivery, 5-in. to 7-in., \$5 per 100; \$40 per 1,000. 7-in. to 9-in., \$9 per 100; \$80 per 1,000. 9-in. to 11-in., \$22 per 100. J. M. Thornburn & Co., 53 Barclay St., New York City.

Bulbs from cold storage. Valley pips. Holland grown, \$17 per 1,000; Danish grown, \$20 per 1,000; German grown, \$25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs. Rainbow freesias of good blooming size and in a mixture of colors, \$5 per 100; \$40 per 1,000. \$187.50 for 5,000. A. Henderson & Co., 211 N. State St., Chicago.

Bulbs. Lilium Formosum and Paper White Grandiflora. For sizes and prices see advertisement on cover page of this issue. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs. Callas: fine well-ripened, with live center shoots. Select size, \$9 per 100; Mammoth size, \$12 per 100. A. Henderson & Co., 211 N. State St., Chicago.

Write for our fall catalogue quoting prices. F. O. B., St. Louis, on finest quality Dutch Bulbs. LECHNER BROS., 413 Caxton Bldg., St. Louis, Mo.

Bulbs. Imported. Narcissus, Hyacinths and Tulips. Freesias and Japan Lilies. Write for trade price list. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

Bulbs. Freesias. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily bulbs. Fall shipment from Japan, McHutchison & Co., 95 Chambers St., New York.

CALADIUMS.

Caladiums, finest fancy leaved varieties, 25c, 35c, 50c, \$1.00 and \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

CARNATIONS.

CARNATION FIELD PLANTS.

The season has been exceptionally good for growing field plants with us and we offer the following very choice plants:

BELLE WASHBURN, the best commercial red carnation, winner of prizes wherever exhibited, per 100, \$12; per 1,000, \$100.

WHITE ENCHANTRESS, strictly choice plants, per 100, \$6; per 1,000, \$50. Matchless, \$7.00 per 100; \$60.00 per 1,000. We bill 250 or more at the thousand rate.

BASSETT & WASHBURN, 178 N. Wabash Ave., Chicago.

FIELD-GROWN CARNATION PLANTS. Very choice stock in these three varieties: Enchantress \$5.00 per 100; \$45.00 per 1,000
White Enchantress 5.00 per 100; 45.00 per 1,000
White Wonder 5.00 per 100; 45.00 per 1,000
SINNER BROS. 158 North Wabash Ave. Chicago.

Carnation Aviator. Field plants, good strong healthy stock, \$12 per 100; \$100 per 1,000. Delivery now. J. D. Thompson Carnation Co., Joliet, Ill.

CARNATIONS.

FIELD-GROWN CARNATION PLANTS.

10,000 White Perfection ...	100	1,000
15,000 White Enchantress ..	6.00	50.00
20,000 Pink Enchantress ..	6.00	50.00

Ready for shipment now or will reserve for later delivery. We guarantee plants to be in healthy condition at time of shipment.

PITTSBURGH CUT FLOWER CO., Carnation Growers Pittsburgh, Pa.

CARNATIONS. New Carnation Thenanthos will be disseminated Jan. 1, 1917. Booking orders now. Rooted cuttings, \$12 per 100, \$100 per 1,000. Anton Then, 2219 Winnemac Ave., Chicago.

Carnation plants, field-grown, extra fine stock for immediate shipment. Pink Enchantress, White Enchantress, Rosette, Champion, \$5.50 per 100; \$50 per 1,000. Philadelphia, Washington, Victory, \$5 per 100; \$45 per 1,000. White Wonder, Matchless, \$6 per 100; \$55 per 1,000. Wiator Bros., 162 N Wabash Ave., Chicago.

CARNATIONS. Field-grown plants. Fine, clean, healthy stock: 2,500 Pink Enchantress, 1,200 Winsor, 2,000 White Enchantress, 1,200 C. W. Ward, 2,500 Victory; \$5 per 100; \$4.50 in lots of 250; \$40 per 1,000 in lots of 500 or more. A. L. Vaughan & Co., 161 N. Wabash Ave., Chicago.

Carnation Plants, field-grown, extra fine stock for immediate shipment. Joy, Enchantress, White Enchantress, Rose Pink Enchantress, Washington, Zoe Symonds, \$4.50 per 100; \$40 per 1,000; Champion, \$5 per 100; \$45 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago, Ill.

Carnations, field-grown plants, good, healthy stock. Light Pink Enchantress, C. W. Ward, Philadelphia, Gloriosa, Winsor, White Wonder, Herald and Champion, \$4.50 per 100; \$40 per 1,000. Cash with order. James Psenicka, Gross Point, Ill.

Carnation plants, field-grown stock, Philadelphia, Ward, St. Nicholas, Champion, Delhi, White Wonder and White Enchantress, \$6 per 100; \$50 per 1,000; Enchantress, \$45 per 1,000. Cash please. Joy Floral Co., Nashville, Tenn.

We have the following to offer at 5c: 675 Herald, 500 White Enchantress and 200 Enchantress. These are good plants. Can ship on short notice. Cash with order. SIMANTON & PENCE, Falls City, Neb.

Carnation plants, field grown, ready for shipment at any time. For varieties and prices see advertisement elsewhere in this issue. Ell Cross, 150 Monroe Ave., Grand Rapids, Mich.

Carnation plants, field grown. For varieties see advertisement elsewhere in this issue. The Leo Niessen Co., 1201 Race St., Philadelphia, Pa.

Field-grown carnation plants. Pink Enchantress, \$5 per 100; \$40 per 1,000. J. A. Budlong, 184 N. Wabash Ave., Chicago.

Carnations. F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTEMUMS.

CHRYSANTEMUMS IN 2½-IN. POTS.

The following kinds are the choicest of the commercial varieties. They are far ahead of the old varieties in quality and size of flowers, also in percentage of good blooms:

300 Golden Queen, extra early.....	Each
300 Marigold, " "	6c
1600 Yellow Frost, " "	5c
BASSETT & WASHBURN, 178 N. Wabash Ave., Chicago.	

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.**CHRYSANTHEMUMS.**

Emma—A Garza-Anemone, double pompon, pale pink; it's a dandy; you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now. \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

Chrysanthemums, Pompon variety, 2-in., \$2.00 per 100; \$18.50 per 1,000; 3-in., \$3.00 per 100; \$25.00 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CHRYSANTHEMUMS. Good commercial varieties, 2½-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums, Mrs. C. H. Totty, White Cloud, Pink Chieftain, Strong 2-in. stock, \$1.50 per 100; \$15 per 1,000. Joy Floral Co., Nashville, Tenn.

Chrysanthemums, 25,000 ready now. Over 20 varieties, early, medium and late, from 2 and 2½-in. pots. Alonzo J. Bryan, Washington, N. J.

COLEUS.

Coleus, Emperor Wilhelm, 3-in., 8c each; 4-in., 15c each. Poehlmann Bros. Co., Morton Grove, Ill.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CROTONS.

Crotons. Extra fine 4-in., \$30 per 100; 5-in., \$6 and \$9 per doz. Robert Craig Company, 4900 Market St., Philadelphia, Pa.

CYCLAMEN.**CYCLAMEN.**

Improved Wandsbek type, 3-in., \$8 per 100. Cyclamen seed, eight varieties, equally divided, \$6 per 1,000. Fancy and salmon, separate, \$3 per 1,000. ERNEST ROBER, Wilmette, Ill.

Cyclamen, 2½-in. pots, \$8 per 100; \$15 per 1,000; 4-in. pots, \$25 per 100; \$225 per 1,000. Robert Craig Company, 4900 Market St., Philadelphia, Pa.

1,000 2½-in. Wandsbek cyclamen; good clean stock, \$6 per 100. D. G. GRILLBORTZER, Alexandria, Va.

Cyclamen. The St. George's Nursery Co., Harlington, Middlesex, England.

DAHLIAS.

Dahlias. Best new and standard varieties. Peacock Dahlia Farms, Williamstown Junction, N. J.

DAISIES.

Daisies. A. E. Hunt & Co., 30 E. Randolph, Chicago.

DRACAENAS.

DRACAENA INDIVISA, 5-in., \$35.00 per 100; 4-in., \$15.00 per 100; 3-in., \$6.00 per 100. ERNEST ROBER, Wilmette, Ill.

DRACAENA INDIVISA, 5-in., 35c. Harry Heintz, West Toledo, O.

FERNS.**BOSTON FERNS.**

	Per dozen.
4-inch	\$ 1.50
5-inch	3.00
6-inch	6.00
7-inch	9.00
8-inch	12.00
9-inch	15.00

The George Wittbold Co., Chicago.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias, H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns. Over 150,000 plants from 2-in. pots up. For varieties and prices see advertisement elsewhere in this issue. Robert Craig Co., 4900 Market St., Philadelphia, Pa.

Ferns, Boston, 4-in., \$15 per 100; 7-in., \$6 per doz.; 8-in., \$1 each, \$9 per doz. Large plants in 11 and 12-in. pots, \$2.50 and \$5 each. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Fine Nephrolepis ferns. For varieties and prices see advertisement elsewhere in this issue. F. R. Pierson Co., Tarrytown, N. Y.

New fancy ferns, special picked. C. A. Kuehn, 1312 Pine St., St. Louis, Mo.

FREESIAS.

Freesias. Purity, California grown, 1st size, \$10 per 1,000; Mammoth, \$12 per 1,000; Rainbow, new and very fine, yellow, orange, lavender and pink, \$5 per 100; \$40 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia, Pa.

Fischer's Purity Freesia, direct from responsible grower. BROWN'S BULB RANCH, Capitola, Calif.

GERANIUMS.

GERANIUMS. Extra strong, 2-in., S. A. Nutt, Ruby (best dark red), Dagata, Ricard, Red Wing, Viand, Landry, La Favorite, Perkins, Oberle and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wylie, Aviator, Rogers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. F. H. DE WITT & CO., Wooster, O.

Geraniums, in good 3-in. stock at \$3 per 100; \$25 per 1,000; 2-in., at \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS. Mixed varieties, fine healthy plants, \$8.00 per 100. M. C. GUNTERBERG, 158 North Wabash Avenue, Chicago.

Geraniums, S. A. Nutt and Buchner, \$10 per 1,000; Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, S. A. Nutt, 2-in., \$1.65 per 100; \$16 per 1,000. Elmer Rawlings, Allegany, N. Y.

GREENS.

Greens. Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. Caldwell The Woodsman Co., Evergreen, Ala.

Greens. Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

HYDRANGEAS.

HYDRANGEA OTAKSA, 3-in., \$5.00 per 100; 6-in. and 8-in. in bloom, 35c, 50c, 75c and 1.00 each. HENRY SMITH, Grand Rapids, Mich.

IRISES.**GERMAN IRIS.**

Strong Divisions. For August Planting.

Chas. Dickens, blue and purple.....	100	1,000
Hector, yellow and crimson.....	\$3.00	\$20.00
Heteranth, bright blue	3.00	22.00
Honorabilis (Sans Souci), mahogany and gold	2.50	18.00
Loreley, light yellow and blue....	2.50	18.00
Mars, yellow and violet	4.00	30.00
Madam Chereau, pale blue	3.00	22.00
Mrs. H. Darwin, white and violet..	2.50	18.00
Phaeron, lilac, very fine.....	3.50	25.00
Stenophylla, pale blue	2.50	18.00
Venus, yellow veined purple.....	2.50	18.00

VAUGHAN'S SEED STORE, Chicago New York

SELECT IRIS.

The following varieties are specially selected for florists' use as cut flowers and landscape work. Have been tried and proven true. We have a surplus, hence the low prices. Prices are for single divisions, well grown and healthy. Packed free if cash accompanies order.

Mad. Cheran, white, frilled violet..	100.	1000.
Florentina Alba, white, tinted	\$2.00	\$15.00
lavender	2.00	15.00
Queen of May, lilac pink.....	2.50	20.00
Darius, lemon yellow with purple..	2.50	20.00
Ulysee, bronze and purple.....	2.00	15.00

ALTA VISTA NURSERIES, Davenport, Iowa.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LANTANAS.

LANTANAS, mixed, 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.**From Storage.**

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pipe. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the valley. Finest in existence. For quotations address Otto Mann, Leipzig, Saxony, Germany.

MOONVINES.

Moonvines, lemon verbenas, swainsona, parlor ivy, S. scandens, alyssum, coleus, Salvia Bonfire and Zurich, cuphea, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th sts., Philadelphia, Pa.

Palms. Joseph Heacock Co., Wyncote, Pa.

PANSIES.

Pansies. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington Co., Inc., 128 Chambers St., New York.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. HENRY SMITH, Grand Rapids, Mich.

PELARGONIUMS.**PELARGONIUMS—"EASTER GREETING."**

We have about 2,500 dandy 2½-in., ready to ship. Pelargoniums have long been our hobby. In 1878 we introduced the "Freddie Heintz" and a few years later brought out the "Robbie Heintz." Both were crackerjacks in their day, but not in it with the recent "Easter Greeting" type. We have shipped all over this country and Canada, and never received a single complaint. \$6.00 per 100. Heintz's, Terre Haute, Ind.

PEONIES.

French peonies can be shipped with celerity and security via Bordeaux-New York. Catalogue free. DESSERT, Peony Specialist, Chenonceaux, France.

PEONIES—\$20,000 worth of best named varieties at our nursery, Western Springs, Ill. Now is planting time. Let us quote you. VAUGHAN'S SEED STORE, Chicago and New York.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

POINSETTIAS.

Poinsettias, true Christmas type. July and August delivery. 2½-in., strong plants, \$6 per 100; \$50 per 1,000. Vaughan's Seed Store, Chicago and New York.

POINSETTIAS.

2½-in., \$5 per 100; \$45 per 1,000. Orders booked in advance.

ERNEST ROBER, Wilmette, Ill.

PRIMULAS.**PRIMULAS.**

Obconica, 2-in.	100
Malacoides, 2-in.	\$3.00
Malacoides, 3-in.	3.00
ERNEST ROBER, Wilmette, Ill.	6.00

Primulas, Grandiflora and Gigantea strain, only the choicest varieties; summer delivery, 2½-in., \$3 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

PRIVET.

California Privet, of superior quality, in all sizes from one to four feet. J. T. Lovett, Little Silver, N. J.

ROSES.**ROSES.**

Each
800 American Beauty, 4-in., extra choice young plants8c
2000 White Killarney, 2½-in., grafted, good big plants8c
2000 Richmond, 2½-in., grafted, good big plants8c
2000 Sunburst, 2½-in., own root, extra fine plants4c
1000 Cecile Brunner, 3-in., own root, choice stock4c
1000 Mrs. Geo. Sawyer, 2½-in., own root. 4c

BASSETT & WASHBURN.
178 N. Wabash Ave. Chicago.

Roses, Grafted 3½-in. stock: Pink and White Killarney, Brilliant, Milady, Ophelia, Old Gold, Cecile Brunner, Richmond, Scott Key, Elgar, \$140.00 per 1,000. Grafted 2½-in. stock: Pink and White Killarney, Brilliant, Ward, Milady, Old Gold, Richmond, Hoosier Beauty, Scott Key, Elgar, \$100 per 1,000. Own root 3½-in. stock: Pink and White Killarney, Old Gold, Richmond, Scott Key, Brilliant, Elgar, Ward, Sunburst, \$96.70 per 1,000. Own root, 2½-in. stock: Pink and White Killarney, Scott Key, Sunburst, Richmond, \$56.70 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

FINE 2½-INCH ROSE PLANTS.

	100	1,000
Killarney	\$4.00	\$35.00
Richmond	3.00	25.00
Geo. Elgar (Baby Yellow).....	4.00	38.00
White Killarney	4.00	35.00

WIETOR BROTHERS.
L. D. Phone, Randolph 2081.
162 N. Wabash Ave., Chicago.

ROSE PLANTS. Kaiserin A. V., 3-in., \$6.00 per 100. Richmond, 3-in., \$6 per 100. Maryland, 3-in., \$8 per 100. American Beauties, 4-in., \$8 per 100. Other varieties. HENRY SMITH, Grand Rapids, Mich.

RICHMOND ROSE PLANTS.

3,000, 3-in. pots, \$30 per 1,000.
HOERBER BROS.
162 N. Wabash Ave., Chicago, Ill.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses, 2½ and 4-in. pots, in a good assortment. The Leedle Floral Co., Springfield, O.

Roses, cannas, shrubbery. The Conard & Jones Co., West Grove, Pa.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS. \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10.00 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seed. Pansy for August sowing. Vaughan's International Mixture, Trade pkt., 50c; ½-oz., \$1.50; ½-oz., \$5; oz., \$10. Vaughan's Giant Mixture. Trade pkt., 25c; ½-oz., 60c; oz., \$4; ¼-lb., \$14. Vaughan's Seed Store, Chicago and New York.

Seeds. Winter-flowering Spencer Sweet Peas, florists' for present sowing. For varieties and prices, see advertisement elsewhere in this issue. Arthur T. Boddington, Inc., 128 Chambers St., New York.

Seeds, contract growers of pepper; egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds. All the leading kinds for summer and fall planting. James Vick's Sons, Rochester, N. Y.

SEEDS.

Seeds, contract growers of cucumber, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seed. Giant Pansy, new crop of superb colors and selected stock. Pkt., \$1; ¼ pkt., 50c; oz., \$4; 3 oz., \$10. Cash. E. B. Jennings, Southport, Conn.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed. Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, tree, shrub and palm. For nursery and florists. Write for prices. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seed. Cyclamen. For varieties and prices see advertisement on front cover of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsley, parsnips, turnips. R. & M. Godineau, Angers, France.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, specialties: Lettuce, onion, sweet pea, aster, cosmos, mignonette, verberna in variety. Waldo Rohnert, Gilroy, Calif.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Boigiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Flower, sweet pea and nasturtiums. The L. D. Waller Seed Co., Guadalupe, Calif.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds. Vegetable, flower and forage. Simon Louis Freres & Co., Bruyeres-le-Chatel (Seine et Oise), France.

Seed. Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

Seed. High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds, garden, farm or flower, wholesale only. Write for prices. Kelway's, Langport, Eng.

Seeds. Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seeds. Flower and garden. Barnard Seed Store, 231-235 W. Madison St., Chicago.

Seeds. Flower and garden. Barnard's Seed Seed Growers Company, San Jose, Calif.

Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seed. Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seed. Flower and garden. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds which succeed. Landreth, Bristol, Pa.

SMILAX.

Smilax, strong new stock, 2½-in., \$2.50 per 100; 3-in., \$6 per 100; \$50 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SNAPDRAGONS.

3,000 4-in. fine snapdragons (Keystone). A fine pink, well branched, \$8 per 100. D. G. GRILLBROTZER, Alexandria, Va.

STOCK WANTED.

Cacti and succulent plants. Send full particulars of varieties, sizes, prices, terms, etc., to Four Oaks Spraying Co., Sutton Coldfield, Birmingham, Eng.

VEGETABLE PLANTS.

Celery and parsley. For varieties and prices see advertisement elsewhere in this issue. R. Vincent Jr., & Sons Co., White Marsh, Md.

VINCAS.

300 variegated vincas. Good healthy plants in 4-in. pots, \$9 per 100. M. W. STOLL, 1621 E. 74th St., Chicago. Phone Hyde Park, 5504.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

Vinca Variegata, 2-in., \$2 per 100. Elmer Rawlings, Allegany, N. Y.

MISCELLANEOUS.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Ave., Detroit, Mich.

Choice landscape decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., box 404, Dundee, Ill.

Boiler flues, cleaned and trimmed. Stuttle's clamps and elbows to join flues. H. Munson, 1353 N. Clark St., Chicago.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Japanese tea garden and rockery for your summer house made in a short time. T. R. Otsuka, 300 S. Michigan Ave., Chicago.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Nursery Stock. Fruit, ornamental, forest, new and rare trees and shrubs. Enormous stock. E. Turbat & Co., Orleans, France.

Fertilizers. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros Co., 72-74 E. Randolph St., Chicago.

"Nico-Fume" for Thrips and Aphids. Spraying, vaporizing and fumigating. The Kentucky Tobacco Product Co., Inc., Louisville, Ky.

Snap button badge for conventions, picnics, etc. Samples free. Gorham & Chapline Novelty Co., 542 S. Dearborn St., Chicago.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Vaughan's perfection points. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

MISCELLANEOUS.

Nursery stock of all descriptions. Catalogues and price lists free on application. The Storrs & Harrison Co., Painesville, O.

Florists' Greening Pins. Box of 10 lbs., *\$1.50; 5 boxes, \$7.00. Geo. M. Angermueller, 1324 Pine St., St. Louis, Mo.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Catalogues. Large runs our specialty. Write for prices. Regan Printing House, 527 Plymouth Place, Chicago.

Baskets of every description. Write for catalogue. Raedlein Basket Co., 713 Milwaukee Ave., Chicago.

Bay Tubs. For varieties and prices see advertisement elsewhere in this issue. Pochmann Bros. Co., 72-74 E. Randolph St., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Greenhouse glass. Write for prices. Okmulgee Window Glass Co., Okmulgee, Okla.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Boilers of high grade for greenhouses. Write for catalogues. Giblin & Co., Utica, N. Y.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Blooming plants or anything in soft wooded plants. Geo. A. Kuhl, Pekin, Ill.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastic for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Hail storm insurance. John G. Esler, Sadle River, N. J.

Glass, large stock and good prices. Sharp, Partridge & Co., Chicago.

Wired toothpicks, 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Greenhouse boilers. Kroeschell Bros Co., 452 W. Erie St., Chicago.

Emergency pipe clamps. M. B. Skinner & Co., 560 W. Washington St., Chicago.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

Winter Onion Sets. Vaughan's Seed Store, Chicago and New York.

GREENHOUSE INSURANCE.

Cyclone and hail insurance; also insurance on growing crops while in the fields. The American Mutual Cyclone and Hail Insurance Co., Muncie, Ind.

CYCLONE AND HAIL INSURANCE. To get it at reasonable prices write The Hoosier Mutual, Farmland, Ind.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

INSECTICIDES.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Alpine, \$1 per qt.; \$2.50 per gal. Fungine 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Seoline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Alpine Manufacturing Co., Madison, N. J.

Nikoteen, for spring spraying: Aphis Punk, for fumigating. Nicotine Mfg. Co., St. Louis.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset flower, vegetable waterproof paper pots. Vaughan's Seed Store, Chicago and New York.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kohr, 2934-36 N. Leavitt St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far. 35c for 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.



FREE

This Fine
Budding Knife

For 2 New
Subscriptions.

American Florist Co.
440 S. Dearborn St., CHICAGO

STAKES.

Rose stakes, extra stiff, No. 9 galvanized wire, 4 ft., \$1.90 per 1,000. Carnation supports, \$18 per 1,000 plants. The Carnation Support Co., Connersville, Ind.

Cane Stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000. Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

WIRE WORK.

Florists' wire designs and fancy wire lamp shades. NORTHWESTERN WIRE WORKS, 223 13th Ave., N. E., Minneapolis, Minn.

WHOLESALE CUT FLOWERS.

Ameling Co., E. C., Chicago.
Angermueller, Geo. H., St. Louis, Mo.
Badgley & Bishop, Inc., New York.
Bassett & Washburn, Chicago.
Berger Bros., Philadelphia, Pa.
Berning, H. G., St. Louis, Mo.
Budlong, J. A., Chicago.
Chicago Flower Growers' Ass'n., Chicago.
Coan, J. J., New York.
Coyle, James, New York.
Crawbuck Co., George W., New York.
Erne & Klingel, Chicago.
Ford, M. C., New York.
Ford, William F., New York.
Froment, H. E., New York.
Goldstein & Futterman, N. Y.
Gunterberg, M. C., Chicago.
Guttman & Raynor, Inc., New York.
Hart, George B., Rochester, N. Y.
Hoerber Bros., Chicago.
Holton & Hunkel Co., Milwaukee, Wis.
House of Ferns, New York.
Kasting Co., Wm. F., Buffalo, N. Y.
Kennicott Bros. Co., Chicago.
Kervan Co., The, New York.
Kessler, Wm. A., New York.
Kruchten, John, Chicago.
Kuehn, C. A., St. Louis, Mo.
Kuhl, Geo. A., Pekin, Ill.
Kusik & Co., H., Kansas City, Mo.
Kyle & Foerster, Chicago.
McCallum Co., Pittsburgh, Pa.
Meconi, Paul, New York.
Miller & Musser, Chicago.
Montreal Floral Exchange, Ltd., Montreal, P. Q.
Hentz & Nash, Inc., New York.
Murata & Co., S., Los Angeles, Calif.
N. Y. Cut Flower Exchange, New York.
Niessen Co., The Leo, Philadelphia, Pa.
Percy Jones, Inc., Chicago.
Pierson, A. N., Inc., Cromwell, Conn.
Pittsburgh Cut Flower Co., Pittsburgh, Pa.
Poehlmann Bros. Co., Chicago.
Pollworth Co., C. C., Milwaukee, Wis.
Polykrans, Geo. J., New York.
Pyfer & Co., A. T., Chicago.
Randall Co., A. L., Chicago.
Reid, Edward, Philadelphia, Pa.
Reinberg, Geo., Chicago.
Reinberg, Peter, Chicago.
Rice Bros., Minneapolis, Minn.
Riedel & Meyer, Inc., New York.
Rusch & Co., Gust., Milwaukee, Wis.
Sheridan, W. F., New York.
Siebrecht, Geo. C., New York.
Thompson Carnation Co., J. D., Joliet, Ill.
Tonner, O. A. & L. A., Chicago.
Totty, Chas. H., Madison, N. J.
Treadly & Schenck, New York.
United Cut Flower Co., New York.
Vaughan, A. L. & Co., Chicago.
Weiland & Risch, Chicago.
Weiss, Herman, New York.
Welch Bros. Co., Boston, Mass.
Welch, Patrick, Boston, Mass.
Wietor Bros., Chicago.
Wittbold, Geo., Co., Chicago.
Young & Co., John, New York.
Zech & Mann, Chicago.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

SAFETY AND LONG LIFE

are assured if your new houses are

Garland Trussed Steel Frame Construction

They are safest—being all steel. Safety and long life pay in the long run. We will be glad to submit an estimate covering your requirements.

GARLAND MANUFACTURING COMPANY,
DES PLAINES, ILLINOIS
 LOUIS WITTBOLD, President.

Mention the American Florist when writing

Springfield, N. J.

Springfield is one of the older New Jersey towns, its history dating back to pre-revolutionary times. In the center of the town there is a monument to commemorate a battle of the Revolutionary war fought there. An incident of the battle is recorded on the monument. It is not a horticultural matter but is too good to lose. Pastor Caldwell of the church carried out the Watts psalm books and tore them up to wad the guns, crying as he passed them to the soldiers: "Here, boys, give them Watts!"

The F. & F. nurseries, covering many acres, are here located. A great variety of stock is grown, and we found it under a high state of cultivation. There are excellent facilities for packing, shipping and storage. Large and finely arranged offices are another feature. We would call it one of the leading nurseries of the country.

The Jacobsen Floral Co. is another institution that has made rapid progress since it was founded, two years ago. There is a considerable glass area, and good carnations and other stock are being grown. We noticed a house of asters that have done better than the outdoor stock of the neighborhood. Mr. Jacobsen, the head of the firm, was at one time employed at Vaughan's Greenhouses, Western Springs, Ill. For several years previous to going into business for himself he was foreman for the Springfield Floral Co. He is a clever and active man, and a hard worker.

The Springfield Floral Co. has a fine range and grows a variety of stock, which, for this season, is looking fine. Foreman McDaniel was formerly with Harry O. May at his extensive range at Summit, N. J. A. F. F.

ROCHESTER, N. Y.—E. C. Colgrove is erecting one house 20x100 feet on Charles street.

GARY, IND.—Owen & Son, proprietors of the Union Floral Co., say they are paying no more bills.

LOUISVILLE, KY.—Louis R. Baumer has been named as a charter member of the local Optimists' Club, whose aims are similar to those of the Rotarians. The local Optimists will be affiliated with a national organization.

WICHITA, KAN.—Chas P. Mueller is making improvements to cost \$3,000 at his Main street store, to include a conservatory on the second floor. His new store recently opened on Douglas avenue presents a very attractive appearance.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

American Florist Co., 440 S. Dearborn St., Chicago

Mention the American Florist when writing

Pecky Cypress

We are SPECIALISTS

in this line, having been practically the first to sell to the trade. Get the value of our long experience. Perfect satisfaction guaranteed. Rock-bottom prices. Pecky Cypress, because of its durability, is the only wood now being used for greenhouse benches. Will ship in any quantity, carload or less.

Drop Siding, Ship Lap, Flooring, White Cedar Posts, Etc.
Everything in Lumber. Write for prices.

ADAM SCHILLO LUMBER CO., 1560 Kingsbury St., CHICAGO.
 L.D. Phones: Lincoln 410 and 411

Mention the American Florist when writing

GREENHOUSE LUMBER

1866—1916
"ALL-HEART" CYPRESS
WORKED TO SHAPES.
HOTBED SASH.
PECKY CYPRESS.

SQUARE RED CEDAR POSTS.
LOCKLAND LUMBER CO., Lockland, O.

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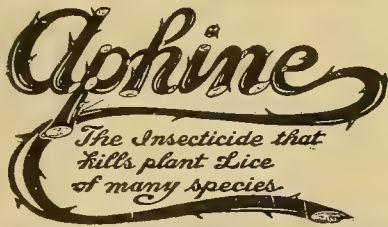
KING CONSTRUCTION COMPANY, North Tonawanda, N. Y.

GREENHOUSES

We Claim Maximum Strength and Minimum Shadow. Investigate

BOSTON OFFICE: 113 State St., Boston, Mass.

PHILADELPHIA OFFICE: Harrison Bldg., 15th and Market Sts., Philadelphia, Pa.



The Recognized Standard Insecticide

A spray remedy for green, black, white fly, thrips and soft scale.

Quart, \$1.00. Gallon, \$2.50.

NIKOTIANA

A 12% nicotine solution properly diluted for fumigating or vaporizing.

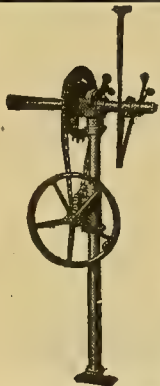
Quart, \$1.50. Gallon, \$4.50.

Until further notice shipments on our products **Fungine, Vermine and Scaline** will be subject to conditions of the chemical market.

Prompt shipments can be guaranteed on **Aphine and Nikotiana**.

APHINE MANUFACTURING COMPANY
MADISON, N. J.

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WE ADMIT

That Advance Sash Operating Device and Greenhouse Fittings are the best on the market.

All greenhouse owners tell us this after just giving our material one trial. We can take care of your business right now.

Send for Catalog

ADVANCE CO.
RICHMOND, IND., U. S. A.

Aetna Brand Tankage Fertilizer

Is the best balanced fertilizer manufactured. It contains the ten salts constituting soil. It is giving satisfactory results wherever used.

Farmers' and Florists' Fertilizer Co.
809 Exchange Ave., Room 5. Tel. Drover 1932
U. S. YARDS, CHICAGO, ILL.

Mexico's Difficulty.

Emeterio de la Garza, a Mexican lawyer of international reputation, writes in the New York Sunday Sun: "Trouble with Mexico is a land problem. Twelve millions of agrarian Indians are deprived of homesteads in their own territory. Hence an intense financial crisis, official corruption, whether by constitutionalist or by científico grafters, it matters not. We have economical tyranny—low wages, little work. I defy anybody to form a government and to pacify a country of paupers dying of hunger, thirst and exposure. I defy anybody to do away with poverty without dividing the land and changing economic conditions."

WIZARD BRAND

PULVERIZED SHEEP - PULVERIZED CATTLE SHREDDED CATTLE MANURE

A kind for every use about the greenhouse.

Ask for booklet, prices and quotations on bag or carload lots.

The Pulverized Manure Co.

32 Union Stock Yards, Chicago

Kansas City Stock Yards,
Kansas City, Mo.

National Stock Yards,
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THE RENOWNED FOOD FOR PLANTS.

MANUFACTURED BY

CLAY & SON, STRATFORD, LONDON, ENGLAND

Mention the American Florist when writing



Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.

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NICOTINE 40%

GUARANTEED BY

The GRASSELLI CHEMICAL CO.

CLEVELAND NEW YORK CINCINNATI
CHICAGO MILWAUKEE ST. PAUL
ST. LOUIS

WRITE FOR PRICES



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NIKOTEEN

For Spraying.

APHIS PUNK

For Fumigating.

Ask Your Dealer for it.
NICOTINE MFG. CO.
ST. LOUIS

Established 1765

Incorporated 1904

HEWS STRONG RED POROUS POTS

POT MAKERS FOR A CENTURY AND A HALF.

Standard, Azalea, Bulb, Orchid, Fern, Hanging, Embossed, Rose, Carnation, Palm, Cyclamen, Cut Flower. Special Shapes to Order. Chicken Founts, Pigeon Nests, Bean Pots, Etc.

WORLD'S LARGEST MANUFACTURERS.

A. H. HEWS & Co., Inc., Cambridge, Mass.

WAREHOUSES:
Cambridge, Mass. New York, N. Y.

Syracuse Red Pots Standard Pots Azalea Pots, Pans

A large stock ready for immediate shipments. Our catalogue will tell you all about them.

SYRACUSE POTTERY

C. Bretschwerth, Prop.

SYRACUSE, N. Y.

Mention the American Florist when writing

Kramer's Pot Hangers

For sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

I. N. KRAMER & SON, Cedar Rapids, Ia.

Mention the American Florist when writing

Those Red Pots

"STANDARDS"

Full size and wide bottoms.

BULB PANS and AZALEA POTS

DETROIT FLOWER POT M'FY

HARRY BALSLEY, Rep. Detroit, Mich. 490 Howard St.

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RED POTS

STANDARD AZALEAS

PANS

HARLEY POTTERY CO.,

NASHVILLE, TENN.

Mention the American Florist when writing

The Regan Printing House LARGE RUNS OF CATALOGUES

OUR SPECIALTY

WRITE FOR PRICES

527 Plymouth Place, CHICAGO

GEO. KELLER & SON,
Manufacturers of

Red Pots

Before buying write for prices.
2614-2622 Herndon St,
CHICAGO

Azalea Pots, Hanging Baskets, Lawn Vases, Urns, Etc.

RED POTS

REFINED CLAYS—SKILLED LABOR

The Peters & Reed Pottery Co.

So. Zanesville, Ohio

WM. M. WARRIN
16 W 23rd St., NEW YORK

"MOSS AZTEC" WARE

I. G. KIMBLE
6 E. Lake St., CHICAGO

Mention the American Florist when writing

TILE GREENHOUSE BENCHES

When erecting your next bench, why not build with material that will last? Our Clay Tile Benches need no replacing, and the cost is very little more than wood. Are now furnishing our new beveled rounding corner 9-inch width Floor Tile. Write for particulars.
CAMP CONDUIT CO., Cleveland, O.

Standard Flower Pots

Porosity and Strenight
Unsurpassed.

Write for prices.

A. F. KOHR

2934-36-38 N. Leavitt St., CHICAGO



NEPONSET

Flower Vegetable Waterproof
PAPER POTS

Waterproof, Don't Break, Cost Little. Shippers may use them and save their customers many dollars in express charges.

Vaughan's Seed Store, Agents
Chicago and New York

After using all other makes, Florists prefer our

PLANT STAND

because it has proven by experience that it is the very best, most practical stand on the market. Enameled green. Made in three sizes to extend to 30, 44 and 56 inches. Price, \$18.00 per dozen.

DETROIT STAND CO.

842 Grandy Ave., Detroit, Mich.

Trade Directory

Price, \$3.00 Postpaid.

AMERICAN FLORIST CO.,

440 So. Dearborn Street,
CHICAGO.

DREER'S

Florist Specialties.
New Brand. New Style.
Hose "RIVERTON"

Furnished in lengths up to 500 ft. without seam or joint.

The HOSE for the FLORIST

¾-inch, per ft., 15 c

Reel of 500 ft., 14½ c

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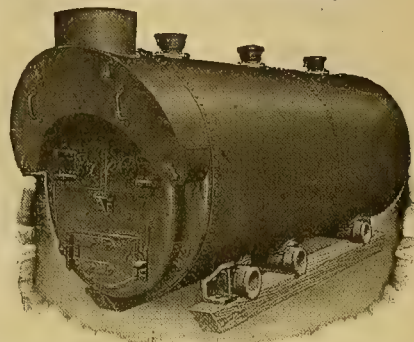
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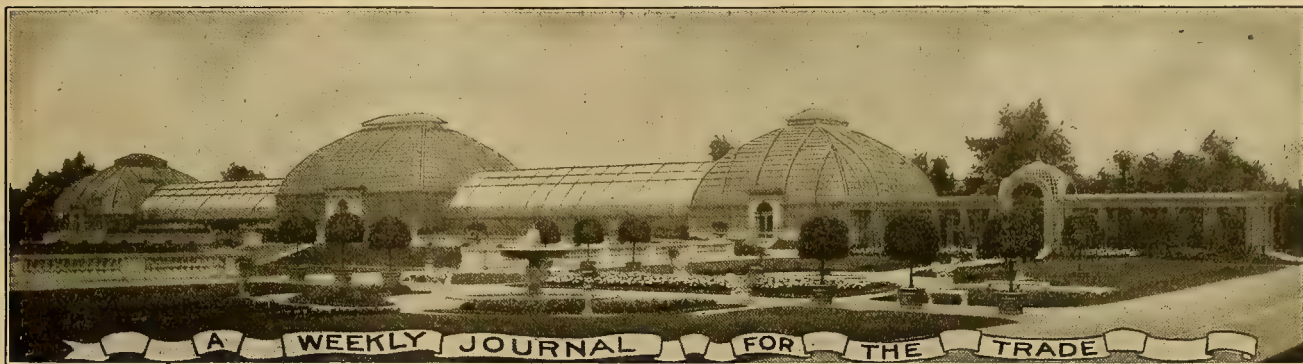
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Vol. XLVII.

CHICAGO AND NEW YORK, AUGUST 26, 1916.

No. 1473

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—DANIEL MACBRIE, San Francisco,
Calif., President; ROBERT C. KERR, Houston,
Tex., Vice-President; JOHN YOUNG, 53 West
Twenty-eighth street, New York, Secretary; J. J.
HESS, Omaha, Neb., Treasurer.

OFFICERS ELECT—R. C. KERR, Houston, Tex.,
President; A. L. MILLER, Brooklyn, N. Y., Vice-
President; JOHN YOUNG, New York, Secretary;
J. J. HESS, Omaha, Neb., Treasurer. Next annual
conventions at New York, August, 1917; St. Louis,
Mo., 1918.

ASSOCIATION OF AMERICAN CEMETERY SUPERINTENDENTS.

Thirtieth annual convention to be held at Nor-
folk, Va., August 22-24, 1916. JAS. WARREN, JR.,
Providence, R. I., President; BELLET LAWSON,
Jr., River Grove, Ill., Sec'y-Treasurer.

AMERICAN DAHLIA SOCIETY.

Next annual meeting and exhibition, New
York, September 26-28, 1916. RICHARD VINCENT,
Jr., White Marsh, Md., President; J. HARRISON
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AMERICAN ROSE SOCIETY.

Next annual convention and exhibition, 1917,
S. S. PENNOCK, Philadelphia, Pa., President;
LOUIS J. REUTER, Westerly, R. I., Vice-President;
BENJAMIN HAMMOND, Beacon, N. Y., Secretary.

AMERICAN ASSOCIATION OF PARK SUPERINTENDENTS.

Next annual meeting, New Orleans, La., Octo-
ber 10-12, 1916. EMIL T. MISCHÉ, Portland, Ore.,
President; ROLAND COTERILL, Park Depart-
ment, Seattle, Wash., Secretary-Treasurer.

CHRYSANTHEMUM SOCIETY OF AMERICA

Annual convention and exhibition at Phila-
delphia, Pa., November, 1916. WM. KLEINHINZ,
Ogontz, Pa., President; C. W. JOHNSON, 2134 W.
10th Street, Chicago, Secretary.

THE HOUSTON CONVENTION.

Next Conventions, New York, 1917; St. Louis, Mo., 1918.

OFFICERS FOR 1917:

President, R. C. Kerr, Houston, Tex. | Secretary, John Young, New York.
Vice-President, A. L. Miller, Brooklyn, N. Y. | Treasurer, J. J. Hess, Omaha, Neb.

DIRECTORS ELECTED:

Frank Stuppy, St. Joseph Mo.; Geo. W. Hess, Washington, D. C.

Rotary Club Luncheon.

A pleasing courtesy extended to the visiting florists was the luncheon tendered them by the Houston Rotary Club upon the occasion of their annual meeting and installation of officers, at their weekly dinner Thursday noon, August 17. President-elect Kerr, being a prominent member of the Rotary Club, it was a joint courtesy to him as well as to the visiting florists that this invitation was extended. A most enjoyable time was had. After the tables had been cleared and the inviting menu disposed of, the retiring president of the club invited attention, and said that as an addition to the usual roll-call each member and visiting florist would be asked to rise in turn, announce his name and state his favorite flower. There were some 100 members of the Rotary club and 110 visiting florists in attendance at the luncheon, and out of these 52 answered that they preferred the rose, giving various varieties, led by American Beauty. For the rest there was an amazing variety of choice, too numerous to schedule except at great length. Some jocular replies were made, "Wall-flow-ers," bullrushes, "Pillsbury Flo(w)ur," Aunt Jemima's Pancake Flour, Old Maids, Buckwheat, Hot Air. Then followed carnations, 10 votes, Texas blue bell, 6 votes, and scattering votes for mountain laurel, pansy, sweet pea, lily of the valley, orchids, violet, easter lily, magnolia, jasmine, sunflower, snapdragon, goldenrod, daisy, shamrock, amaryllis, forget-me-not, acacia, cyclamen, Cape Jasmine, columbine, zinnia, dahlia, narcissus, geranium, orange blossom, water lily, Texas blue bonnet, tulip, dandelion, mayflower, oleander, stephanotis, freesia and poppy. After the outgo-

ing president, Mr. Coles, had presented a very interesting report, the incoming president, Mr. Wilcoxsen, proposed a toast in Adam's ale to the visitors, which was drank with enthusiasm by all, and was followed by a toast to the retiring officers and board of directors of the Rotary Club. The installation of the officers-elect of the club followed, and Past President Asmus, of the S. A. F., was introduced and remarked as follows:

Mr. President and Gentlemen of the Rotary Club, and S. A. F.:

It seems fitting at this time that a few remarks be made in behalf of our organization in commendation of the man that we have placed at the head of our organization, who has proved so worthy. Perhaps also it is fitting at this time that you should be given a brief outline of the aims and objects of our organization. The Society of American Florists is not an organization for profit; there is nothing ever said in its meetings about prices; it is the advancement of a love for flowers that we are teaching, and ours is one of the few organizations in the United States that has the distinct honor of enjoying a national charter granted by Act of Congress and signed by the president of the United States. We have doubly honored your fellow member, Robert C. Kerr, by not only making him the head of an organization with a national charter, but of a society which is the mother of five hundred local organizations that are teaching the love of flowers and of the beautiful in nature, tending to the betterment of home and school life throughout the country. We have at present at the head of this big organization a big man, Daniel Macbrie, of San Francisco, partner of Mr. McLaren, the man who last year was



SOME PAST AND PRESENT OFFICERS OF THE S. A. F. AT THE HOUSTON CONVENTION.

From Left to Right—J. A. Peterson, E. G. Hill, C. L. Baum, D. MacRorie, R. C. Kerr, Wm. F. Gude, John Young, Geo. Asmus, J. J. Hess.

responsible for the beautification by landscape gardening and floral enhancement of the great Panama-Pacific exposition, the man who made of the sand dunes of San Francisco, things of beauty in the shape of parks, where there had been only barren desolation. He said when he was made president at San Francisco last year that he would present to the man that made the largest increase of membership in the society during the year a prize of \$150 in gold. Just as soon as news of this offer came to Chicago there was a scouring around to see if we could capture that prize in Chicago; but we could not do it; it remained for a Texan to show us how; and it was Robert C. Kerr who earned that prize! Now, Brother Kerr, I have the pleasure today of handing you that prize of \$150 in gold. And, Mr. Kerr, you ought to be thankful, not for the gold, but because you have made eighty-three men members of the greatest organization in the country.

President Kerr: I want to say to the members of the Rotary Club and to the citizens of Houston that this prize will enable me to reduce the price of flowers this coming year. That ought to be good news! We have several of our members on the list of speakers that we want to introduce to you, who will make short talks. One man in particular I want you to hear from; he is the man who is at the national capital, who carries on the work there for the S. A. F. He is a wonderful help to us; he is also a big Rotarian and one of the leaders of that organization in the District of Columbia; we want to have a few words from Wm. F. Gude, of Washington, D. C.

Mr. Gude: Mr. Chairman, and Fellow Rotarians, Florists and Friends All: I bring to my brother Rotarians greetings from the National Capital. We have a rotary club there that we think is some club; some of you boys do not believe it perhaps, but as you rotate there drop in and we will see if we cannot make you rotate. There has been so much said about our good friend Bob Kerr that I just want to add a word. Our organization has rotated some in the past four or five years. We met in Minneapolis, rotated from there to Boston, from Boston to San Francisco and from San Francisco to Houston, Texas; and, gentlemen,

you can tell this in the newspapers, or tell it to any one, I do not fear contradiction, but it was the Houston Rotary Club more than any other one influence that brought the florists here today. It was that letter that I read on the floor of the convention at San Francisco from the Houston Rotary Club that turned the scales when objection was made that the invitation to Houston that had been presented should not be considered because it should have been presented in person by a Houston florist; and I was able then to say that that letter from the Rotary Club here was sufficient evidence that we would be welcome here, because when the Rotary Club says you are welcome anywhere that is guaranty that you will have a successful convention and a warm welcome and a good time. Gentlemen, my promise has been carried out to the letter; you boys have made good. Now as I walked into the room here somebody suggested something about the size of our retiring president, Mr. MacRorie. We knew that we were to start a big work here, and we thought we would get a big man at our head to see that we did it. Again, we believe in practicing what we preach; we have preached big things in a horticultural way and in an organization way; if you do not believe it, look at our national president, see his size! I want the president of our society to just rise; our time is limited, and I would like you to see the size of the man! And then President MacRorie, he of the massive build and the clear straight-seeing eye, modestly rose and was greeted with applause.

Mr. MacRorie: Friends, I do not know as I have much to say after you have heard our silver-tongued orator from Washington. There is one thing I want to impress upon you, that we have all been most agreeably surprised at climatic conditions here. Everybody we met north, west and in the east, said, "Oh! Mac, you won't have anybody out there at all, it will roast you alive!" Now they judged so, largely because they knew how warm it has been in their own sections the past two or three weeks; but you have regular Atlantic City weather I should say. I want to especially thank the members of the Rotary Club and Chamber of Commerce, also the newspapermen, for the way that they

have worked to make this convention a success. They have entertained us royally. Another thing I wish to say is, that you will greatly beautify your city if you will more extensively plant trees along your streets and thoroughfares, which greatly add to their attractiveness. You have started this work here, and I hope you will continue it.

This concluded that part of the proceedings having to do with the visiting florists, and the remainder of the hour was devoted to routine business of the club. The occasion, it is needless to say, proved a very enjoyable one to the visitors.

Presentation to President MacRorie.

The trip Thursday afternoon to the battle ground, by way of the Houston-Galveston ship canal, proved very enjoyable. Luncheon was served soon after arrival with music and dancing. John S. Kerr, of Sherman, told the story of the last big fight between the Texans and the Mexicans, with Sam Houston in command. At the close of Mr. Kerr's recital, E. G. Hill, of Richmond, Ind., was called upon and in his usual happy style thanked the Texas trade for their generous hospitality, closing by presenting President MacRorie with a magnificent silver set, the gift of his many friends in the society.

In Memoriam.

JOHN W. POEHLMANN.

John William Poehlmann, president of the Poehlmann Bros. Co., well-known Chicago florists, died at his residence, 4728 Beacon street, July 14, aged 49 years. He was born in Milwaukee, Wis., of German parentage, and was associated with his father, John George Poehlmann, in the retail grocery trade in that city until 1890, when he and his brothers, Adolph and August, formed a partnership and engaged in the florist business at Morton Grove, Ill.

In the death of Mr. Poehlmann the Society of American Florists has lost one of its most successful members. Starting only a few years ago with very little limited means, he was largely instrumental in the development of his firm's splendid business, said to be the largest of its kind in existence. He was a hard worker, constantly at his post, and always kindly to his associates and employees.



SOCIETY OF AMERICAN FLORISTS AT HOUSTON, TEXAS, AUGUST 17, 1916.

Mr. Poehlmann's industry has left deep, lasting imprints on the sands of American floriculture and his many friends deeply mourn the early passing of one so gifted and so unassuming.

MICHAEL BARKER,
PHILIP J. FOLEY,
T. J. WOLFE,
HENRY BERNING,
Committee.

WILLIAM F. KASTING.

"Whom the Gods love die young!" To none can this be more truthfully applied than to William F. Kasting, one time president of the Society of American Florists, and for many years its honored treasurer. Intensely loyal to his friends, with malice in his heart toward no man, outspoken, honest, fearless, he had every quality that might become a man and bind to him his friends with hooks of steel. So frank and sincere was his character, so little there was of any of the lesser frailties of human nature that make for envy, jealousy or spite, that William F. Kasting caused none to envy, but all rejoiced in his progress and success.

His affiliations were many; he belonged to a large number of organizations, to each of whom he gave his best, and to none more than to the florists, whom he loved and whose calling he was always proud to represent. In addition to his honors in the national society he was president of the New York Federation of Floral Clubs, had served as president of the Buffalo Florists' Club, and was a member of many local florists' clubs in other cities, including New York, Chicago and San Francisco. He was a member of numerous secret and fraternal orders and of many philanthropic and social organizations, including the Rotary club, the Orpheus and other German singing societies. Rarely, it has been said, has one man had so many friends in such various conditions of life and activity as this one; rarely has a man of more humble beginnings achieved such high success or risen higher in the respect and esteem of all his associates and neighbors, those who knew him best.

Peace to his fragrant memory. Here let us all drop a flowret of memory to him who was our friend and our helper in all that we held dear. He fell asleep and awake, let us fondly hope, in a fairer land.

GEORGE ASMUS,
AUGUST POEHLMANN,
J. J. HESS,
Committee.

W. ATLEE BURPEE.

The lives of all men are precious, far more so than we stop to realize, for every man is called into the world to perform his allotted part toward making this earth better and brighter. All men may be born free and equal, but it comes about that through environment and development some men become pre-eminently distinguished above their fellows for certain talents, although not necessarily superior in all things.

W. Atlee Burpee was pre-eminently distinguished among men. Possessed of talents in every direction, and with ability to make himself famous in whatever avocation he might choose to take up, his wonderful understanding of men, his magnetism with men, individuals if not in the mass; his highest gift of endearing himself to others, will always remain fixed in the memory of those whose good fortune it was to know him. No man was ever better loved by his friends.

For the rest, a highly successful business man of unblemished reputation; a devoted father and husband; a man and a friend whose loss is irreparable; we mourn his death, and spread this brief tribute to his memory in the pages of our proceedings that all who read may gauge the affection in which we held him while he was living and would hallow his memory now that he has gone.

A. T. DE LA MARE, Chairman,
JOSEPH HEACOCK,
FRANK STUPPY,
Committee.

EDWIN LONSDALE.

In the death of Edwin Lonsdale, of Lompoc, California, the Society of American Florists and Ornamental Horticulturists has lost one of its most valued and tried friends of its earlier days.

Mr. Lonsdale served in the capacity of secretary and also was president of the society; and he gave of his time and money without stint. Much of the growth and development which has since taken place in this society was due to the work of Edwin Lonsdale in no small degree in laying the foundations well. His intelligent help was always forthcoming when the demand arose.

Edwin Lonsdale was gifted by nature with a genial, happy disposition, and he was ever ready to give information and cheer to those engaged in

floricultural pursuits. He was a great student of plant life, and contributed many valuable articles not only in regard to the hybridization of plants but also their care and culture. He was greatly interested in the carnation in its earlier career, and also was an excellent grower of roses. The society had the services of Mr. Lonsdale upon any and all occasions, and few men belonging to our organization have contributed so much as did Mr. Lonsdale to its advancement.

E. G. HILL,
JOHN G. ESLER,
J. A. PETERSON,
Committee.

Report on President's Address.

Your committee, to whom was referred the several recommendations in the address of President Daniel MacRorie, respectfully report as follows:

President MacRorie has the following to say with reference to holding our conventions on concurrent dates with the National Flower Shows:

"I believe that every second year our annual conventions should be held in March or in April, or at such time as we decide to have our national flower show; the old idea that it would be impossible to secure a good attendance at our conventions at any other date than August has not proved to be a fact." . . . "There are undoubtedly from six to eight large cities in the United States where the national flower shows could be held, and where they would be very successful. With this number of cities to draw on, a number of years would naturally elapse before we would complete our circuit, and no one city would be burdened with a succession of shows, etc."

In reference to this matter your committee having given the subject careful consideration are of the opinion that no specific recommendation is required from this committee, inasmuch as this suggestion has been acted on practically by the convention in selecting St. Louis for the convention city for 1918, the national flower show committee having already selected said city for the national flower show the same year, and it is probably the intention of the board of directors to call the convention on dates in conjunction with the national flower show, they having under the amendments as adopted the power to change the dates of the convention as conditions may demand. This will try

out the new idea in actual practice at that time.

The president's address contains a warm endorsement of the idea of children's gardens, and your committee highly commends his remarks in connection therewith, and would recommend concurrence in his recommendation that this society give its fullest support toward the promotion of school gardens as a potent influence for moral uplift and esthetic development of the whole people. We deem it also the duty of individual florists, whether affiliated with organizations or not, to also encourage this movement, which has now received such a strong impetus in this country.

Referring to that part of his address wherein the president concurs in the views of his various predecessors who have supported the idea of convention gardens, your committee fully recognizes the educative influence and uplift of the convention gardens, and not only do we believe that this influence is felt in every city where such gardens have been established, and will be so felt in the future, but where these gardens afterwards crystallize into permanent features, as is not impossible in many cases that they will, the effect becomes a permanent and lasting one that does not expire with the occasion. Nevertheless, your committee, while sensible of the truth of this proposition, and rejoicing in what has been accomplished, believes that tact must be used in this as in all matters that require co-operation, and therefore if in some cases it is found that in order to have a convention garden too many other equally valuable matters must be sacrificed, in such case the idea might be relaxed a little rather than be strained to the breaking point, and therefore we believe that the convention gardens ought to be encouraged wherever feasible in the locality where we assemble if not too great a burden on the society inviting us. The idea always should be, the garden for the society rather than the society for the garden.

In regard to the recommendations of the president as to a permanent secretary, the experience of the largest and best organizations in this country has been along the idea of retaining in office a competent secretary so long as he continues to serve acceptably, as absolutely necessary to the proper conduct of the association affairs, and we believe that such a man should be retained under conditions that would permit him to give full time and attention to the duties of his office, and it is to be desired that the governing body or the board of directors will be able to work out this problem satisfactorily in the very near future.

With regard to the recommendation by the president with reference to Mothers' day being permanently fostered and protected, we understand this to mean that the president wishes to see the work carried on thoroughly and effectively rather than spasmodically and inefficiently, and that it be in the hands of a permanent committee from our own organization who could best enlist the support of our membership. We heartily endorse this idea, and would further suggest that the committee if made permanent be also given charge of looking after the proper observance of any similar days that may hereafter be established.

President MacRorie is moved to make most feeling mention of the decease during the past year of one of

the beloved members of this society, he who was known and universally esteemed, our late treasurer, Brother William F. Kasting. Your committee feels that they but voice the universal feeling when suggesting that a committee be named by the president to prepare a suitable memorial in the form of engrossed resolutions commemorating the work of Mr. Kasting and expressive of our sense of bereavement in his taking away.

In conclusion, we beg to add our word of appreciation of the evident desire of President MacRorie to contribute the best that is in him to the advancement of the aims and objects of this society, and we not only commend his suggestions but admire the broad and catholic spirit in which he has treated the problems that confronted him during his administration, and the national viewpoint that he has manifested.

W. F. GUDE, Chairman,
E. G. HILL,
FRANK STUPPY,
J. A. PETERSON,
GEORGE ASMUS.

Report of the Judges of Trade Exhibition.

American Bulb Co., Chicago—Decorative tricatine, certificate of merit; folding canopy and florists' baskets, honorable mention.

A. L. Randall Co., Chicago—Exhibit of new novelties and accessories for retail florists' use; highly commended.

M. Rice Co., Philadelphia, Pa.—Exhibit of florists' baskets and accessories, honorable mention.

W. H. Gullett & Sons, Lincoln, Ill.—Display of foliage and flowering plants, honorable mention.

H. C. Doscher, New Orleans, La.—Exhibit of 32 distinct types of nephrolepis, same being magnificently grown; certificate of merit recommended.

Lord & Burnham Co., Irvington, N. Y.—Exhibit of one improved sectional iron-frame greenhouse of curved glass

H. C. Doescher, New Orleans, La.—Exhibit of lily bulbs. Committee recommends that the exhibitor be encouraged to continue the growing of these lilies, as same appear to be very solid and in healthy condition, showing that lily bulbs may be grown satisfactorily in America.

Cottage Gardens Nursery Co., Eureka, Calif.—Exhibit of Pacific Coast grown Holland bulbs of very high quality and thoroughly ripened; certificate of merit recommended.

Magnolia Nursery, New Orleans, La.—Exhibit of eight Phoenix Roebelenii, honorable mention.

Cohen & Hiller, New York—Display of ribbons and novelty accessories, honorable mention.

H. Bayersdorfer & Co., Philadelphia, Pa.—Exhibit of baskets and accessories for retail florists' use, honorable mention.

O. E. Falls, Kansas City, Mo.—Literature and material for use of retail florists in advertising direct by mail. This exhibit is highly commended and the committee recommends a certificate of merit.

Burlington Willow Ware Co., Burlington, Ia.—Exhibit of willow ware baskets, honorable mention.

Poehlmann Bros. Co., Morton Grove, Ill.—Exhibit of palms and foliage plants, clean and well grown, showing fine commercial cultivatin; highly commended.

J. A. Peterson & Sons, Cincinnati, O.—Exhibit of foliage plants of very clean quality, highly commended.

Foley Greenhouse Manufacturing Co., Chicago—Exhibit of small, modern greenhouse, honorable mention.

John A. Evans Co., Richmond, Ind.—Double clamping of large chain in shafting pipe; also bringing the post in center to equalize the weight on roller bearings; also housing worm gear to protect from dirt and water; awarded certificate of merit.

Kroeschell Bros. Co., Chicago—Your committee recommends in view



HOUSTON CONVENTION GARDEN.

eave design, 11 feet wide by 16 feet, 8 inches long with complete iron and tile plant benches, wiring frame, etc.; certificate of merit recommended.

Darbee, Florist, San Francisco, Cal.—Display of cut chrysanthemums and other flowers; certificate of merit.

Advance Co., Richmond, Ind.—New expansion joint and scale trap, certificate of merit.

of the many valuable improvements claimed for the new steam boiler, that the judging of their exhibit be passed on to a committee of experts at some future exhibition.

WM. F. GUDE,
E. G. HILL,
C. L. BAUM,
P. A. CHOPIN.

George Asmus acted as secretary to the judges.

Report of Judges of Convention Garden.

We, the judges of the Houston Convention Garden, desire to submit for your consideration the following awards:

To Henry A. Dreer, water lily specialists, Philadelphia, Pa., exhibit in the entire garden, a certificate of merit.

second annual convention of the S. A. F. have now for four days enjoyed the hospitality of Houston and its citizens, and have been overwhelmed with kindness and courtesy at every turn; expecting to find the weather warm, we have been agreeably disappointed by finding that the friendship of our

of Commerce, for elaborate entertainment given us; to the Interurban for special rates for our outing; to the Queen theater for theater party; to the Houston florists and their efficient committees in charge of convention arrangements; to C. L. Brock, park superintendent, for his arduous labors and untiring work in the matter of the convention garden; to the various exhibitors who brought here a trade exhibit of great interest to the trade, and to each of us who attended it; to the daily and technical press for full and painstaking reports of our various sessions, and to all who have contributed to our comfort and enjoyment while here.

E. G. HILL,
A. T. DE LA MARE,
FRANK STUPPY,
Committee.

Convention Notes.

Big Phil Foley's commodious quarters at the Rice hotel were quite inadequate to the demands of the occasion. Phil's avoirdupois has decreased in the south, but this cannot be said of his popularity.

George Asmus, for his splendid services in connection with the Philadelphia national show, was awarded financial compensation, to be fixed by the executive committee.

The railroad food upset Benjamin Hammond, but Dr. Gurney Hill brought him around so quickly that he was almost himself again the second day.

Late arrivals who were warmly greeted included August Poehlmann, of Chicago, and Mrs. U. J. Virgin and Harry Papworth, of New Orleans, La.

Members of the Tennessee delegation speak in the highest terms of their cordial reception by the trade of Memphis and Little Rock.

C. W. Ward's hyacinth, tulip and narcissus bulbs, grown in British Columbia, looked well and attracted considerable attention.

It is now believed that the convention and national flower show will be combined at St. Louis in the spring of 1918.

"Billy" Kasting's passing was frequently mentioned with deepest regret by the late treasurer's many friends.

The temperature at Houston Monday ranged from 76 to 87 degrees, and Tuesday from 75 to 89 degrees.



HOUSTON CONVENTION GARDEN.

Canna Exhibit of H. A. Dreer, Inc., Philadelphia, Pa.

To Conard & Jones, a certificate of merit for the best pink canna and honorable mention for balance of exhibit; honorable mention for size of flowers on the canna, "Wintzer's Colossal;" honorable mention for the color of the foliage of the Canna Juanita.

To Henry A. Dreer, certificate of merit for Canna Eureka as the best white canna in the garden, and also honorable mention of Cannas Hungaria, Orange Bedder, and Schopenhauer.

To Arthur T. Boddington, New York, certificate of merit for Canna Boddington's Meteor, as the best red canna in the garden.

To Wm. Tricker & Son, Arlington, N. J., certificate of merit for the nymphaea, "Gracilis," as best hybrid. Certificate of merit for the best hardy nymphaea named Paul Herriot. Honorable mention of the rest of the exhibit.

To St. Louis Seed Co., certificate of merit for best red foliage canna.

To Vaughan's Seed Store, honorable mention for Canna Firebird.

To Texas Rose Gardens, Rockdale, Texas, honorable mention for rose exhibit.

To California Rose Company, Pomona, Calif., certificate of merit for rose exhibit. Special mention of the varieties La Detroit, American Beauty and Mlle. Edourd Herriot.

Special mention of the exhibits of L. H. Read, of xanthosomas; Carlyle & Sons, Alvin, Texas, tuberose, and W. J. & M. S. Vesey, Fort Wayne, for geraniums.

A certificate of merit was awarded the park department for the magnificent bed of crotons.

A. L. MILLER.
J. A. NEWSHAM.
W. J. BAKER.
J. MANDA.
J. J. HESS.

Final Resolutions.

Your committee on final resolutions respectfully offers for your adoption the following:

Whereas, The members and guests and ladies in attendance on the thirty-

Houston brethren is as pure as their atmosphere, and their hearts as warm as we had expected to find the weather, our experience being that we have been disappointed in all that we expected to suffer, and only surpassed in our expectations by all that is agreeable, now desire to record as best we may, our gratitude to those who have so well and pleasantly entertained us; therefore, be it

Resolved, That we tender a special and unanimous rising vote of thanks in commemoration of this occasion to the following: To Rev. W. S. Jacobs, who opened our convention by asking the divine blessing on our deliberations; to Hon. Ben Campbell, mayor, who so beautifully welcomed us, and who taught us new lessons of the ennobling influences of our chosen calling in life; to the city of Houston for its liberality in housing us in the ample and commodious Auditorium where our meetings were held; to the Rice hotel management and attaches for many courtesies; to the Chamber



HOUSTON CONVENTION GARDEN.

The verdure of Texas blasts forever the northern notion that there is nothing but heat in the south.

A. J. McNutt, of Knoxville, is an easy winner when it comes to locating the choicest watermelons.

Lightning struck the convention hall the opening day, but happily no one was injured.

The society's strictures on entertaining are outlawed in the south.

Southern ladies were well represented at the convention.

Dense cotton fields are blooming all the way.

Insect Problems of the Florist.

Paper by Thomas J. Headley, entomologist of the Society of American Florists, presented at the Houston convention, August 15-17, 1916.

When invited by your worthy secretary to address you, it occurred to the writer that the entomologist's view of your insect problems might bring something suggestive and perhaps useful, and his invitation was accepted at once. It should be understood at the outset that the writer is, and has for many years, been a professional entomologist, and that his view will necessarily differ from that of many florists.

The insect pests, which the florist must combat successfully or make a failure of his business, depend very largely on the kind of crops which he grows, and to a minor extent upon the locality in which he works. The insects which trouble the rose grower in a period of five or 10 years are pretty much the same wherever his range may be located, and the longer he grows the crop continuously, the larger and more complete will his list of rose parasites become. This is true because the principal enemies of the rose form a more or less well defined group, and the practice of importing plants from other growers provides for the distribution of the parasites.

Perhaps the species that come into the roses directly from the local environment will exhibit the greatest irregularity in type and number because their attempts to enter are continuous, and the conditions must be especially favorable to permit them to persist at all.

The florist is in a class quite by himself in the ability to sterilize his soil, and to practice clean culture and rotation of crops. His extremely intensive system of cultivation justifies a procedure in these matters that would be prohibitive for the farmer, fruit grower, or even the trucker. Furthermore, the florist who grows under glass has the climate under his control. With the climate and the soil at his beck and call, it would seem that the plant parasite problems of the florist should be easy of solution. As a matter of fact, the crops of the florist pay their toll to the insect pests to almost if not quite as great an extent as do those of the farmer, fruit grower or trucker.

It seems to the writer that there are two reasons for this condition—one that the plants are grown under forcing conditions, and do not therefore have the strength and resistance of those grown under more natural circumstances and, second, that florists, acting much like other growers of plants, do not take advantage of their opportunities to rid their crops of plant parasites.

It seems reasonable to consider cleaning the soil as an important step toward getting rid of injurious in-

sects. Under field conditions this can best be brought about through good drainage, clean culture and rotation of crops. Under greenhouse conditions this can best be accomplished by sterilization with steam or carbon bisulphide. Cleaning the soil does not mean that its liveliness shall be destroyed, but rather that its life and response shall be improved. Indeed, where the most severe treatments are used, desirable bacteria that may be killed in the process can be largely replaced.

It is reasonable to consider the practice of absolute cleanliness about the field and greenhouse as another important step in the control of plant parasites. Under field conditions this state of things is incidental to cleaning the soil, but under glass it is not necessarily so. As often as the crop is removed the house should be given a complete cleaning and sterilization.

With a clean soil in a clean environment, clean plants are needed to produce a clean crop. In obtaining plants free from parasites the florist finds his chief difficulty, and there appears to be no very good way of getting around it. Perhaps the best method is that of carefully examining all incoming plants and rejecting or treating all that exhibit signs of infestation by dangerous parasites. Where the crops grown are of such a character that the plants live for a period of years, the placing of the recently arrived plants, which seem healthy, in an entirely separate part of the greenhouse system, where they may remain for a time sufficient for the parasitism to develop, followed by a ruthless weeding out of the sickly, should prove a good practice.

After the crop has started, the first step in its protection from insects is to keep it healthily growing, for a vigorous plant resists attack more successfully than one the nutrition of which is abnormal. The second step is to keep the sharpest possible lookout for trouble and treat it as soon as it appears.

It is in the treatment of the plant after the insect has appeared that florists' practice appears to have reached its most bewildering diversity. Measures advocated by our grower as a specific for a given species are completely discounted by another and an opposite type of remedy substituted for them. This difference of opinion is partly due to the fact that florists are able to and do produce their wares under so widely different conditions, that in some instances what works for one more will fail for another, and partly due to a failure to comprehend the general principles which underlie proper practice. The first is, of course, an entirely legitimate cause for difference, but the latter is inexcusable.

The treatment which shall be administered to plants infested with parasites depends upon whether the injury has reached a stage where treatment other than prompt destruction is worth while, what the plant itself will stand without damage to growth and appearance, and the nature of the parasite. Injury beyond a point where the plant may readily recover, or of such a character (say borers in the main stem of herbaceous plants), that treatment is impracticable must be followed by prompt destruction of the plant and the parasite infesting it.

If the injury is one from which the plant may readily recover, the question

of treatment then becomes one of nature, time and methods of applying. The nature depends on the parasite and upon the plant.

If the parasite is an animal, the question whether it consumes foliage or sap must first be determined. If the former, arsenicals should be used if the plant will stand the necessary dosage without injury to its structures or to its appearance. If the latter, nicotine or oil should be employed if the plant will stand the necessary treatment without serious injury to structure or to appearance. In the former case it is quite sufficient to coat the foliage which is being consumed, while in the latter the insect itself must be thoroughly drenched. This procedure will answer for the bulk of the florist's insect pests.

There are, however, certain species to which these general rules will not apply, and each of them may be considered on its merits. For instance, many scale insects do not yield to contact sprays of strength which will leave the plants uninjured, and hand removal becomes necessary. Many of the scales infesting palms are illustrations of this sort. Some chewing insects attack plants of such a nature that arsenical staining is inadmissible and contact insecticides must be used, as is the case with the Florida fern caterpillar.

There are crops, such as tomatoes under glass, the insect pests of which yield most easily to fumigation, which will destroy a chewing insect as readily as a sucking one.

For the purpose of bringing these methods together and giving them some sort of organization the writer has induced Harry B. Weiss, of his department, to prepare a bulletin on greenhouse insects. Especial attention has been given to this phase of the florist's business, because it has seemed to us that knowledge of that part of the field has been in more chaotic condition than any other. It is purposed to distribute this bulletin to the members of this society who express a desire to consult it.

No entomologist has made the insect pests of the florist's crop a subject of sufficiently extended study and research, and no really comprehensive and helpful scheme of procedure can be suggested until something of the sort has been done.

A live research committee of this organization might set such a piece of work going by cooperating with persons already in experimental work who are interested along this line, and thus initiate a movement that would prove a large factor in promoting American floriculture.

LIBERTY, IND.—O. F. Coryell & Co. have purchased the greenhouses of Edward Culley.

NEW ORLEANS, LA.—E. Baker, for many years identified with the florist trade in this city, died recently.

BOSTON, MASS.—Moses Penn, florist, has filed a petition in bankruptcy, scheduling liabilities, \$6,050; no assets.

HOUSTON, TEX.—Paul M. Carroll will open a flower shop in the near future on Texas avenue, opposite the Rice hotel.

WACO, TEX.—T. J. Wolfe is making a northern trip. T. D. Long, of Vaughan's Seed Store, Chicago, called this week.

American Gladiolus Society.

The seventh annual meeting and exhibition of the American Gladiolus Society, which was held in Horticultural hall, Boston, Mass., August 11-13, compared most favorably with other displays of this flower made in that city in the past and was without question the largest show of its kind in the history of the society. The arrangement of the displays might have been given more attention, but the numerous tints presented a spectacle in colors.

The business meeting was attended by about 40, at which President Fairbanks brought out the necessity of more attention to nomenclature and proper classification of varieties. The secretary, Henry Youell, urged the members to continue their efforts for a greater membership and reported the finances of the society much stronger than a year ago. Officers were elected at the 1915 meeting to serve for two years and the present officers will continue in office therefore until 1917. They are as follows: Chas. F. Fairbanks, Boston, Mass., president; T. A. Havemeyer, New York, vice-president; Henry A. Youell, 538 Cedar street, Syracuse, N. Y., secretary; A. E. Kunderd, Goshen, Ind., treasurer.

The awards (offered by the Massachusetts Horticultural Society) were as follows:

Vase of twenty-five spikes, white, one variety: Charles F. Fairbanks, Boston, Mass., with Europa, 1st; Jacob Thomann & Sons, Rochester, N. Y., with Rochester White, 2nd. Twenty-five, Red: Charles F. Fairbanks with Red Emperor, 1st; Helen A. Reardon with Liebesfleur, 2nd.

Twenty-five, Crimson: John Lewis Childs, Flowerfield, L. I., with Rich Red, 1st; C. W. Brown & Son, Ashland, Mass., 2nd.

Twenty-five, Pink: T. A. Havemeyer with Panama, 1st; C. F. Fairbanks, Panama, 2nd.

Twenty-five, Yellow: John Lewis Childs, Sulphur King, 1st; S. E. Spencer, Woburn, Mass., Schwaben, 2nd.

Twenty-five, any other color: T. A. Havemeyer, Muriel, 1st; Charles F. Fairbanks, Mary French, 2nd.

Twenty-five, any Lemoinei Hybrids: T. A. Havemeyer, Mme. Mounet Sully, 1st; John Lewis Childs, Baron Hulot, 2nd.

Twenty-five, any Primulinus Hybrids: C. F. Fairbanks, 1st; C. W. Brown & Son, 2d.

Largest and best collection of named varieties: John Lewis Childs, 1st; C. F. Fairbanks, 2nd.

Collection of fifty named varieties: T. A. Havemeyer, 1st; John Lewis Childs, 2nd. Six spikes, White, one variety: T. A. Havemeyer, Europa, 1st; Jelle Roos, Milton, Mass., Europa, 2d.

Six spikes, Red: T. A. Havemeyer, Red Emperor, 1st; John Zeestraten, Electric, 2nd.

Six spikes, Crimson: John Lewis Childs, with George Paul, 1st; Jelle Roose, Czar Peter, 2nd.

Six spikes, Pink: John Zeestraten, Panama, 1st; H. E. Meader, Dover, N. H., Myrtle, 2nd.

Six spikes, Yellow: E. M. Smith, East Hartford, Conn., Schwaben, 1st; C. F. Fairbanks, Schwaben, 2nd.

Six spikes, any other color: T. A. Havemeyer, Loveliness, 1st; C. F. Fairbanks, Julie M. Fairbanks, 2nd.

Six spikes, any Lemoinei Hybrid: H. E. Meader, Heliotrope, 1st; T. A. Havemeyer, Duval, 2nd.

Six spikes, any Primulinus Hybrid: C. W. Brown & Son, 1st; John Lewis Childs, with Concolor, 2nd.

Three spikes, White: Thos. Cogger, Europa, 1st; Madison Cooper, with Mrs. L. M. Gage, 2nd.

Three spikes, Red: C. F. Fairbanks, 1st; E. M. Smith, 2nd.

Three spikes, Crimson: E. M. Smith, 1st; Jelle Roos, with Rajah, 2nd.

Three spikes, Yellow: Madison Cooper, Yellow Bird, 1st; E. M. Smith, 2nd.

Three spikes, any other color: John Lewis Childs, 1st; E. M. Smith, Myrtle, 2nd.

Twelve vases, twelve named varieties: Iris-thorpe Farm, 1st; H. E. Meader, 2nd.

Twenty-five spikes, artistically arranged: Jacob Thomann & Sons, Rochester, N. Y., 1st; Eugene Fischer, 2nd.

Gold Medal: C. F. Fairbanks, for advancement in the cultivation and exhibition of the gladiolus.

Honorable Mention: John Lewis Childs, Gladiolus Evelyn Kirtland; C. W. Brown & Son, vase of Gladiolus Evaline.

Vote of Thanks: Blue Hill Nurseries, Gladiolus primulinus hybrids; R. & J. Farquhar & Co., evergreen decorative plants.

Gratuities to Brookland Gardens, Thomas Cogger, L. Merton Gage, C. W. Brown and Raymond W. Swett, for displays of gladioli; J. K. Alexander for display of dahlias, Blue Hill Nurseries for hardy herbaceous flowers, Mrs. E. M. Gill for hardy flowers, T. C. Thurlow's Sons, phloxes.

Charles F. Fairbanks special prizes for Seedling Gladiolus, one spike: John Lewis Childs, Seedling No. 3, 1st; T. A. Havemeyer, 2nd.

W. Atlee Burpee & Co. special for best collection 10 varieties, 6 spikes each: Jelle Roos, Milton, Mass.

G. D. Black special for twelve spikes Golden King: S. E. Spencer, Woburn, Mass., 1st; E. M. Smith, East Hartford, Conn., 2nd.

H. E. Meader special for best new yellow primulinus hybrid seedling: C. W. Brown, Ashland, Mass.

Fottler, Fiske, Rawson Co. special for five varieties, 3 spikes each: E. M. Smith, 1st; H. E. Meader, 2nd; Charles F. Fairbanks, 3rd.

A. E. Kunderd special for best collection Kunderd's varieties: Gold medal to C. W. Brown & Son.

Munsell & Harvey special for 6 spikes best Red, to Madison Cooper, with C. M. Clifford, dark wine.

Hitchings & Co. special for the most artistically arranged basket or hamper (all seedlings): Silver cup, to Jacob Thomann & Sons.

A. H. Austin & Co. special for best 6 spikes, mauve: Madison Cooper. For best 6 spikes Rose Wells: John Lewis Childs.

P. Hopman & Sons special for best 25 spikes Pink Perfection: S. E. Spencer, Woburn, Mass.

T. A. Havemeyer special for 3 spikes any other color: Mrs. E. R. Pierce, Wellesley Farms, with seedling Florence, unique deep magenta with white blotch.

Certificate to Eugene N. Fischer for Lemoinei seedling Henry C. Goehl, white flushed pink, with carmine blotch.

Gladiolus Society of Ohio.

The fourth annual flower show, held under the auspices of the Gladiolus Society of Ohio, was staged in the assembly room of the Hollenden hotel, Cleveland, O., August 18-19. While the exhibition was not on quite as large a scale as last year, due perhaps to the weather which affected the crop of several large exhibitors to such an extent as to make displays equalling other years impossible, the exhibits in most cases were A No. 1 and were much admired by both the trade and the general public, who have come to look on this annual show as a treat, and each year these beautiful summer flowers draw increasing crowds of admirers. The display in the retailers' section was also somewhat smaller, quite a number who generally exhibit, being away on vacations; still those who were represented showed much skill and rare taste in the arrangements and the baskets and tables were at all times the center of an admiring throng. Among the exhibits in this section were the following:

Knoble Bros.—Basket of Niagara and America with maiden hair fern; also table of Niagara and America with centerpiece and corsages and boutonnieres of the same flowers; all well executed by Frank Ritzenthaler.

Liberty Flower Shop—Basket of Panama and America with larkspurs and asparagus; arranged by Paul C. Hahn.

C. B. Wilhelmy—Nicely arranged basket of Niagara and a cinnamon red gladioli, with maiden hair fern and ribbon.

A. M. Albrecht—Basket of America and Europa.

Jones-Russell Co.—Table decorated with Niagara with centerpiece, corsages and boutonnieres of the same flower; arranged by Chas. Russell.

Ralph E. Huntington—One of the best vases on display, large perfect flowers of exquisite color.

The awards were as follows:

Best vase, any red, 10 spikes—J. F. Rychlik, Painesville, O., 1st and 2nd.

Best vase, any pink, 10 spikes—Guy Bates, 1st; Madison Cooper, 2nd.

Best vase, any white, 10 spikes—J. F. Rychlik, 1st; Madison Cooper, 2nd.

Best vase, any yellow, 10 spikes—J. F. Rychlik, 1st; Madison Cooper, 2nd.

Best vase, any other color, 10 spikes—J. F. Rychlik, 1st; Naggirock Gardens, 2nd.

Most meritorious display, size not considered—Munsell & Harvey, Ash-tabula, 1st; R. E. Huntington, Painesville, 2nd.

Best vase of 50 spikes, any variety—Mrs. Ralph Huntington, 1st.

Best new seedling not disseminated—Jos. Coleman, 1st and 2nd.

New seedling or other variety of merit not before shown here—Munsell & Harvey.

Best vase, any color, six spikes—J. F. Rychlik, 1st; Bidwell & Fobes, Kinsman, O., 2nd.

Best vase of Glory, 12 spikes—Bidwell & Fobes.

Best display of Primulinus hybrids—Madison Cooper, 1st; Naggirock Gardens, 2nd.

Best vase, any red, old or new—J. F. Rychlik, 1st.

Best new seedling, white or light color—Munsell & Harvey, 1st.

Cleveland Florists' Club, silver cup awarded to Jos. Coleman for best new seedling.

Gladiolus Society silver medal for meritorious display to Naggirock Gardens.

C. F. B.

WENATCHEE, WASH.—The Trumble Consulting Horticultural Co., capital stock, \$5,000, has been incorporated by M. E. Trumble and R. Edwards.

DAYTON, O.—The capacity of the city greenhouses on Ottawa street is to be doubled to make room for thousands of additional plants to be grown during the winter.

ROCHESTER, MINN.—The Queen City Greenhouse Co., recently incorporated for \$50,000, is planning to erect an extensive range and go into the growing business on a large scale. The incorporators are Dr. Wm. C. McCarty, Geo. N. Sherman, Oscar V. Hanson, W. F. Klee and D. M. Wigle.

DETROIT, MICH.—Schulte & Haley, undertakers and florists, successors to M. C. Haley, will open a new establishment at 107 Broadway, August 26, which will include cut flower and plant departments, chapel, morgue, rest room and furnished sleeping rooms in addition to the undertaking room.

HILLSBORO, ORE.—The Hillsboro Plant & Flower Garden report a splendid spring business. The carnations are nearly all housed and are in fine condition for winter blooming. Asters are exceptionally fine. W. H. Morton, the proprietor, has been enjoying the good fishing and healthy air in the vicinity of Mt. Hood.

WENHAM, MASS.—The great fields of gladioli in bloom at "Cedar Acres," the establishment of B. Hammond Tracy, the well-known gladiolus specialist, were thronged by the public August 9, when Mr. Tracy donated to the committee in charge of the benefit for the American ambulance hospital at Neuilly, France, all the spikes that could be sold. Many splendid arrangements by Mrs. Tracy were much admired.

THE AMERICAN FLORIST

ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time. Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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THOSE in attendance at the Houston convention were 15 per cent drummers.

BULB MEASUREMENTS. — Watch the measurements of your French bulbs. Some dealers refer to grades as firsts, extras, etc. These bulbs are contracted by measure and any change of grading is made to deceive the buyer.

CHAIRMAN HURLEY, of the Federal Trade Commission, says not over 10 per cent of American manufacturers know their production costs, and that he will issue a pamphlet on correct computation of costs for the benefit of individual manufacturers.

Coal Advance Threatened.

New England coal dealers have sent out a warning, based upon a statement by the Anthracite Bureau of Information, Wilkes-Barre, Pa., to the effect: "Buy coal now if you don't want to pay \$9 per ton the coming winter."

Cemetery Superintendents.

The thirtieth annual convention of the Association of American Cemetery Superintendents, which is being held at Norfolk, Va., August 22-24, is in session as we go to press, with every indication of being a most interesting meeting. The programme as announced in our issue of July 8, page 1302, includes many excellent papers by men widely known in their profession. It is believed that the election of officers will result in R. N. Kesteron, of "Greenwood," Knoxville, Tenn., as the choice for president. Barre, Vt., is spoken of very favorably for the next meeting place.

Chrysanthemum Society of America.

The following special prizes will be awarded at the annual exhibition of the Chrysanthemum Society of America, which will be held at Philadelphia, Pa., November 8, 1916. Entries should be made to David Rust, secretary, Pennsylvania Horticultural Society, Broad street above Spruce, Philadelphia.

Class A. C. S. A. silver cup—For best seedling chrysanthemums not disseminated, six blooms one variety on long stems.

Class B. C. S. A. silver cup—For the best display of pompon chrysanthemums, 10 vases, 10 varieties, six sprays not less than 18 inches long to a vase; also 10 vases of 12 stems disbudded, not less than 18-inch stem.

Class C. President's cup—For the best 10 blooms of any variety of chrysanthemums on long stems.

Class D. H. A. Dreer prize, \$10—For best 10 varieties of chrysanthemums on long stems, white.

Class E. Hosea Waterer prize, \$10—For best 10 blooms one variety, yellow chrysanthemums on long stems.

Class F. Foley Greenhouse Manufacturing Co.'s prize, \$10—For best 10 blooms, one variety, pink chrysanthemums on long stems.

Class G. Robt. Craig Co.'s prizes—For best 50 sprays pompon chrysanthemums on long stems, one vase; 1st, \$15; 2nd, \$10.

Class H. H. F. Michell Co.'s prize—For best vase of 25 chrysanthemums on long stems, five or more varieties.

Class I. H. F. Michell Co.'s prizes—For best 12 blooms chrysanthemums, 12 varieties, short stems; 1st, gold medal; 2nd, silver medal; 3rd, bronze medal.

Class J. Chas. H. Totty prizes—Six blooms of Rigby; 1st, \$15; 2nd, \$10.

Class K. E. G. Hill Co.'s prizes—Ten blooms chrysanthemums, introductions of 1916, not less than five varieties on long stems; 1st, \$15; 2nd, \$10.

Class L. Elmer D. Smith & Co.'s prizes—For best 12 blooms of Chrysanthemum Artista (open to private gardeners only); 1st, \$10; 2nd, \$5.

Class M. Harry E. Converse prize, \$10—For best six blooms of Chrysanthemum Harry E. Converse, on long stems.

Class N. Lord & Burnham prize, gold watch or medal (open to private gardeners only)—Three varieties of chrysanthemums, six blooms of each on long stems.

Class O. Wells-Totty medals offered by Wm. Wells & Co., Mersthem Surrey, Eng.—For three blooms of Chrysanthemum Yellow Turner; 1st, gold; 2nd, silver; 3rd, bronze.

Class P. Hitchings & Co.'s cup—For 10 blooms red or crimson chrysanthemums on long stems.

Class Q. National Association of Gardeners' prize, silver medal (open to members of the National Association of Gardeners only)—One vase, six blooms of chrysanthemums, six varieties, on long stems.

CHAS. W. JOHNSON, Sec'y.

Coming Exhibitions.

[Secretaries are requested to supply any omissions from this list, and to correct any dates that may have been altered since the last advices.]

August 30-31, Brewton, Ala.—Fall exhibition, Alabama State Horticultural Society, School Auditorium, J. C. C. Price, Auburn, Ala., secretary.

September 2-9, Cleveland, O.—Fall Flower Show, Edgewater Park. Timothy Smith, chairman flower show committee, 1393 West Twenty-fifth street, Cleveland; M. A. Vinson, 1393 West Twenty-fifth street, Cleveland, exhibition manager.

September 12-13, Providence, R. I.—Fall flower show, Rhode Island Horticultural Society, Narragansett hotel, E. K. Thomas, secretary, Kingston, R. I.; Eugene Appleton, exhibition manager, Broadway, Providence, R. I.

September 13, Orange, N. J.—Annual exhibition of the New Jersey Horticultural Society, Geo. W. Strange, secretary, 84 Jackson street, Orange.

September 13, Orange, N. J.—Fall show, New Jersey Horticultural Society, George W. Strange, secretary, 84 Jackson St., Orange.

September 18-23, North Yakima.—Washington State Fair, Frank Meredith, general secretary, North Yakima.

September 25-30, Salem, Ore.—Oregon State Fair, J. E. Reynolds, Salem, Ore., superintendent of horticulture; Edyth Tozier Weathered, Salem, Ore., superintendent of horticulture.

September 26-28, New York.—Dahlia show of the American Dahlia Society in conjunction with the American Institute of New York, Engineers' building, J. Harrison Dick, secretary, 1426 Seventy-third street, Brooklyn, N. Y.

September 26-30, Douglas, Wyo.—Wyoming State Fair, Mrs. H. G. Peters, Douglas, superintendent of horticulture.

October 25-27, Keene, N. H.—Fall exhibition New Hampshire Horticultural Society, Stanley E. Lene, secretary, Godstown, N. H.

October 25-27, Madison, N. J.—Annual flower show, Morristown Horticultural Society, Assembly Hall, Edward Reagan, secretary, Morristown, N. J.

October 26-27, Madison, N. J.—Annual flower show of Morris County Gardeners' & Florists' Club, Edward Reagan, secretary, 130 Madison avenue, Morristown, N. J.

October 27-29, Mt. Kisco, N. Y.—Fall exhibition Northern Westchester Horticultural and Agricultural Society, Civic hall, Angus G. Ross, secretary, Ammandale Farm, Mt. Kisco, N. Y.

October 31-November 1, Greenwich, Conn.—Annual flower show Westchester and Fairfield Horticultural Society, Oscar N. Addor, Quarehmont, N. Y., secretary, J. B. McArdle, Greenwich, Conn., exhibition manager.

November 1-3, Tarrytown, N. Y.—Fall exhibition, Tarrytown Horticultural Society, Music hall, E. W. Neubrand, Tarrytown, N. Y., secretary; James W. Smith, White Plains, N. Y., exhibition manager.

November 1-5, Boston, Mass.—Grand Autumn Exhibition Massachusetts Horticultural Society, Horticultural hall, William P. Rich, 300 Massachusetts avenue, Boston, secretary, James Wheeler, exhibition manager, Natick, Mass.

November 1-6, Shreveport.—State Fair of Louisiana, L. N. Bruegerhoff, Shreveport, La., secretary.

November 7-10, Philadelphia, Pa.—Annual fall show Pennsylvania Horticultural Society, Horticultural hall, Broad street below Locust, David Rust, secretary, Philadelphia.

November 8-9, New London, Conn.—Chrysanthemum Show, New London Horticultural Society, Court house, Stanley Jordan, Waterford, Conn., secretary.

November 8-10, New York.—Chrysanthemum exhibition, The American Institute of the City of New York, Engineers' building, Wm. A. Eagleson, secretary board of managers, 324 West Twenty-third street, New York.

November 9-11, Lancaster, Pa.—Fall show Lancaster County Florists' Association, Heimenze Auditorium, Frank Kohr, secretary, Lancaster, Pa.; Harry K. Rohrer, Lancaster, Pa., exhibition manager.

November 9-12, New York.—Fall exhibition, The Horticultural Society of New York, American Museum of Natural History, George V. Nash, secretary, Mansion, New York Botanical Garden, Bronx Park, New York.

November 14-15, Providence, R. I.—Exhibition, Rhode Island Horticultural Society, Ball Room, Narragansett hotel, Ernest K. Thomas, secretary, P. O. Box 180, Kingston, R. I.

November 14-18, Baltimore, Md.—"Maryland Week," Fifth Regiment Armory, Thomas B. Symons, secretary, College Park, Md.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Gardener on private place, good designer, married, address.
Key F, care American Florist.

Situation Wanted—By a competent gardener and florist, scientific and practical experience in greenhouse management and care of grounds, prefer place as head gardener or superintendent of grounds. Key 666, care American Florist.

Situation Wanted—Young American, 23 years old, four years' experience in growing and gardening, wishes to locate with private place. No quitter. Best references, give particulars in full. Address
Key 664, care American Florist.

Situation Wanted—As gardener or foreman by married man, age 31: life experience in Europe and U. S. Experienced greenhouseman. Only A1 private place desired. Address
GARDENER, 915 Sheridan Road,
Hubbard Woods, Ill.

Situation Wanted—Storeman, thoroughly capable in all branches, with ten years' of Eastern experience, wishes an opening by Sept. 1st. Make my own sketches for decorations. Can come well recommended. Address
Key 669, care American Florist.

Help Wanted—A first-class carnation grower Apply, stating wages and experience, to
MILLER & SONS, Lauder Ave., Toronto, Ont.

Help Wanted—Experienced neat appearing sal-slady for modern retail store. Good wages and steady employment to the right party.
MANGEL & Co., 17 E. Monroe St., Chicago, Ill.

Help Wanted—Good reliable traveling sales-man for market garden and retail trade. Steady employment. Give full particulars as to experience and territory. Salary and references.
J. F. NOLL & Co., 115 Mulberry St.,
Newark, N. J.

For Rent—A fine light floor in the wholesale flower district. Has twenty-foot bay window on street
DANIEL STEINBERG, 43 W. 28th St., New York.

For Sale Cheap—Glass and all kinds of greenhouse material. Going out of business. Address
838 31st St., Milwaukee, Wis.

For Sale—Good paying retail store in Chicago at a bargain. Splendid opportunity for the right party. Address
Key 661, care American Florist.

For Sale—Good paying florist stand in one of Chicago's leading buildings for \$201 spot cash which includes all supplies, fixtures, etc. For further particulars, address
Key 665, care American Florist.

For Sale—Established retail business in the neighborhood of 18th and Chestnut Streets Philadelphia. Can be purchased on easy terms. For further particulars, address
Key 672, care American Florist.

Milwaukee Greenhouses For Sale at a Bargain—10,000 feet of glass; first-class condition; well stocked; fine location; good business; good reason for selling; easy terms. Address
Key 674, care American Florist.

For Sale—Being unable to attend to two stores personally, I will sell my store on Broadway, New York, at a sacrifice; established five years; doing \$8,000 to \$10,000 yearly business. Address
Key 673, care American Florist.

For Sale—In Texas, 20,000 square feet of glass in first-class condition residence, garage and sales room all modern, no competition. This place is paying 40% on investment, ideal climate. If you mean business, address
Key 670, care American Florist.

For Sale—Two greenhouses without ground or with it; an old established place, houses in fair condition, one 25x120 feet, other 20x75 feet, in Lansdowne, Pa., two blocks from railroad station, 13c fare to Broad St. station. A very fine neighborhood. Address
Key 667, care American Florist.

For Sale—½ ton panel top White delivery truck in good condition at a big bargain. Owner who is a Chicago-retail florist has two machines of the same make and will give the buyer his choice of either car at a figure that will make him buy. Car can be inspected at your convenience. For further particulars, address
Key 654, care American Florist.

For Sale—100 boxes 10x12 and 12x12 glass, \$1.50 per box; 75 boxes 8x10 glass, \$1.00 per box; 1 Morehead Steam Trap, \$25; 1 in., 1¼ in. and 2 in. second hand pipe, good condition, 2c, 3c and 5c per foot; 9 Evans Ventilating Machines including arms and hangers; also a lot of pipe hangers, 1 in. pipe and 2 in. pipe—the whole lot for \$75. FLORIST, 1775 Charles St., Wilmette, Ill.

Greenhouses For Sale or Rent—Three houses, each 30x90, potting shed and room for man. Lord & Burnham construction, iron frames, in excellent repair, hot water heat. Will rent to steady, reliable party for \$30 month, or will sell houses without ground for \$2,000, giving ground lease for ten years.
J. L. DAY, Swarthmore, Pa.

Wanted to Rent—Twenty to forty thousand feet of glass near Chicago. For further particulars address
Key 655, care American Florist.

Wanted To Buy

A Refrigerator for small retail store, Plant Stands, Vases, etc., address
F. G. HEIDEMAN,
Massillon, Ohio.

FOR SALE

Three Moninger greenhouses, 27x150 feet, all planted to chrysanthemums and one propagating house, 18x75 feet, planted to Sprengerii, all A1 stock. Modern 7-room residence, barn, passenger automobile, delivery truck, etc. The greenhouses were built recently and are located 16 miles from the Chicago wholesale market. Buyer can take immediate possession and will find this to be a big bargain. For further particulars address
Key 671, care American Florist.

Wanted to Exchange

As part payment on small range of greenhouses located near Chicago, well paying retail store located on north side of Chicago; established over 6 years. Address
Key 670, care American Florist.

SITUATION WANTED

By A1 grower as working foreman or grower on retail place, capable of taking charge and handling men. Life experience in roses, carnations, mums, bulbs, Xmas and Easter plants, good propagator, American, single, age 39 years, sober and reliable. State wages and particulars. References furnished.
Key 668, care American Florist.

Mail Order Seed House FOR SALE.

Charles C. Cunningham, Trustee in Bankruptcy for the Mills Seed Company, of Washington, Iowa, offers the real and personal property of the Company at private sale until August 31, 1916, and if unsold then, will sell at public auction August 31, 1916, at 10 a. m.

The property consists of a 3-story brick building 40 x 100 feet with full basement, 2 lots in connection, switching rights, with stock of seeds inventoring \$16,419.35, mailing list, supplies, and full equipment of tools, fixtures, etc.

Excellent opportunity for anyone who wants to buy a going concern. Address the Trustee for full information.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2¼x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 600, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada


New Edition Just Out.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO

 You need it now for names and addresses.

Pittsburgh.

SUPPLY IS LIMITED.

Summer flowers have been very shy so far this year, but growers promise quantities of both gladioli and asters next week, and a steady supply from then on. Roses are getting more plentiful each day, and there is practically enough to take care of the demand now.

NOTES.

Pete Nichols and Wm. Q. Potter, both of Cleveland, called on local friends during the week. Both drove their machines down and kept them busy while here.

George Franks and Annie Garrity are sending postals from Atlantic City. Carrie Jordan is spending her honeymoon at the same place.

The list of those on vacation at present include George Marshall and wife, who are spending two weeks on Lake Erie.

Marion Morgan, greenhouse foreman of The McCallum Co., is visiting his old Tennessee home near Knoxville.

Jos. King, of A. W. Smith Co., is in the West Virginia mountains.

T. P. Langhans is figuring on an auto tour of New England.

Charley Patten, of Sewickley, is fishing in Bedford county.

John Harris went to Cleveland and other lake points. M.

Lancaster County Florists' Club.

A regular meeting of the club was held August 10, one week previous to our regular date, in order to be consistent and follow the calendar. This meeting was called for the purpose of mapping out plans for the coming flower show, November 9-11, and if the number of members present are any indication of the enthusiasm we will have for the show, its success is assured. It was decided to make a great effort to get a large display from the amateurs, and to this end special prizes will be offered for both outdoor stock and for that grown under glass. We have quite a few amateurs who have small chrysanthemum houses. There will also be prizes for specimen plants and cut blooms.

In the trade there will be no direct competition, but several medals and special prizes will be offered for the best collections, etc., the details of which have not been worked out as yet. As half of the net proceeds are to be given toward the erection of an armory for Lancaster, it is proposed to work up publicity along these lines, and Albert M. Herr was delegated to attend to the publicity end of the show.

Mr. Rosnosky, of the H. F. Michell Co., Inc., gave us some very useful pointers regarding the running of shows, and T. J. Nolan, the other visitor at this meeting, remained diplomatically quiet when a question was read from the question box asking what influence the great increase of glass would have on the market next winter.

The writer suggested that the club arrange for a trip to White Marsh, Md., to see our very dear friend, Richard Vincent, Jr., and his establishment, and it was decided to leave the arrangement for the trip to the maker of the suggestion, who is to make a complete report at the next meeting. This trip will be by automobile if enough machines can be secured, otherwise by train.

Ira Landis displayed some of his beautiful gladioli at this meeting, and the favorable comments on the quality in the blooms shown well repaid him for his efforts. The exhibition part of our meetings is falling down, and should be looked after, as it adds 40

SWEET PEA SEED

OLDER WINTER ORCHID-
FLOWERING SWEET
PEAS

Bicolor

PINK AND WHITE ORCHID. Well-known Blanche Ferry color, of large, well formed flower. Price, ½ oz. 50c., 1 oz. 75c., 4 ozs. \$2.50, 1 lb. \$9.00.

Shell Pink

MRS. A. A. SKAACH. No doubt this variety was mostly grown in the past three years. Many growers have planted several greenhouses to this variety on account of their beautiful selling color, which improves the longer it is out or on plants.

Price, 1 oz. \$1.00, 4 ozs. \$3.50, 1 lb. \$12.00.

MRS. JOSEPH MANDA. A shade lighter, of curly flower, on extra long stem.

Price, 1 oz. \$1.25, 4 ozs. \$4.00, 1 lb. \$14.00.

MORNING STAR. Light pink, larger flower, longer stems than both preceding, very strong and free bloomer.

Price, 1 oz. \$4.00, 4 ozs. \$12.00, 1 lb. \$40.00.

DOLANSKY ORCHID. Light shell pink.

Price, 1 oz. \$1.25, 4 ozs. \$4.00, 1 lb. \$14.00.

BOHEMIAN GIRL. Darker shell pink, standard orange bluish.

Price, 1 oz. \$2.00, 4 ozs. \$6.00.

White and Blush

WHITE ORCHID. Grown by thousands of florists for years. It is of the dwarfier habit.

Price, 1 oz. \$1.00, 4 ozs. \$3.50, 1 lb. \$12.00.

BRIDAL VEIL. More frilled and pure white. Price, 1 oz. \$1.75.

MRS. M. SPANOLIN. Of purest white, during bright weather, coming with slightly pink on the tips, fine curly flower on long stems.

Price, 1 oz. \$1.25, 4 ozs. \$4.00, 1 lb. \$14.00.

VENUS. The ground is white, around the edges pink blushed. One of the grandest flowers of this type and the best liked among the florists.

Price, 1 oz. \$1.50, 4 ozs. \$5.00, 1 lb. \$15.00.

Lavender, Blue and Maroon LAVENDER ORCHID. Lavender pink of largest size. A well-known old timer.

Price, 1 oz. \$1.00, 4 ozs. \$3.50, 1 lb. \$12.00.

XMAS CAPITAL ORCHID. Standard maroon, wings sky blue, nearly 90 per cent. true.

Price, 1 oz. \$4.00, 4 ozs. \$12.00.

NUBIAN ORCHID. Dark maroon blue, selfs, nearly 90 per cent. fixed.

Price, 1 oz. \$4.00, 4 ozs. \$12.00.

LAVENDER NORA. No doubt the finest lavender in all the Sweet Pea family, and well liked by every florist.

LAVENDER QUEEN. Very large, of good lavender color.

Price, 1 oz. 50c., 4 ozs. \$1.75, 1 lb. \$6.00.

Rose, Red and Orange

ORCHID BEAUTY. Dark rose, blushed with orange, very large flower, and the best commercial seller in this color.

Price, 1 oz. 75c., 4 ozs. \$2.50, 1 lb. \$9.00.

OTHER SPENCER VARIETIES

Rose Queen. Color beautiful shade of pink, produces extra long stems and usually four flowers per stem.

One of the most popular varieties on the market.

Prices: **Strictly greenhouse seed,** \$4.00 per oz., \$15.00 per ¼ lb., \$50.00 per lb.

Fordhook Pink. This is a distinct shade of pink suffused with a lavender throughout. Flowers are large size, exquisitely waved, produced in threes and fours on long stems. Per ¼ lb. \$4.00, \$15.00 per lb.

Fordhook Rose. Flowers of largest size usually borne in threes and fours. A charming shade of rosy carmine, \$1.50 ¼ lb., \$4.50 ½ lb., \$18.00 per lb.

Yarrowa. Flowers exquisitely waved and of large size. Color, bright rose pink with lighter wings. \$1.00 per oz., \$3.50 per ¼ lb., \$12.00 per lb.

BULBS PAPER WHITE NARCISSUS, HYACINTHS, GIGANTEUM LILIES, DAFFODILS, TULIPS, IRIS.

Let us quote you.

Many other varieties. Send for complete list.

DURING JULY AND AUGUST, CLOSING TIME 5 P. M.; SATURDAY, 1 P. M.

S. S. PENNOCK-MEEHAN CO.

THE WHOLESALE FLORISTS OF PHILADELPHIA

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WASHINGTON

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per cent to a meeting to know that you are going to see some new stock or to see some old stock especially well done, it matters not which. Both are educational and an incentive to better things on the part of the exhibitor and the other growers.

A. M. HERR.

Providence, R. I.

GOOD CUT FLOWER DEMAND.

Business the past week has been rather quiet, with an occasional flurry in floral work. The early asters are about done for now, and the later crops are starting to come in, but are still small. Roses still seem to be scarce, while there is very little de-

mand for this flower. Gladioli are coming in better than ever; the stock this year seems to be perfect. Cut flowers this summer seem to sell remarkably well; the demand has been good on all varieties.

NOTES.

Macnair is still making improvements on his store, and expects to have one of the most attractive shops in the city soon.

J. G. Jensen, of the Park Greenhouses, is rebuilding his range on Broad street, and making extensive repairs.

Howard Almy is bringing in good Boston ferns to the market here.

H. A. T

FIELD GROWN CARNATION PLANTS

Extra fine clean, healthy stock in the following varieties and quantities. Order early—first come—first served.

1500 Pink Enchantress
1200 Winsor

1200 C. W. Ward
2500 Victory

All \$5.00 per 100 per single hundred lots; \$4.50 in lots of 250;
\$40.00 per 1000 in lots of 500 or more.

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave, Chicago

Holland Grown Bulbs

HYACINTHS, TULIPS, NARCISSI, ROSE BUSHES, ETC.

Write for information about the **MAMMOTH AUCTION SALES** that we will hold during the coming Fall Season, of Holland's latest and choicest varieties.

The MacNiff Horticultural Company

52, 54 and 56 Vesey Street The Largest Horticultural Auction Rooms in the World NEW YORK CITY

Irvington, N. J.

The Irvington growers, in common with others recently visited, complain of the backward condition of outdoor stock. The carnations did not make good growth in the field, but it is hoped, now that they are housed, that they will do better. With some growers, asters have been almost a total failure. Among the growers who are active in the business on Springfield avenue are John Pfueffer, Charles Deisler, George Deisler and E. Helm.

Irvington has quite a colony of industrious growers, and with a few exceptions we believe that most of their stock is sold in Newark. One noteworthy exception is E. W. Fengar, who in the season ships heavily of chrysanthemums and carnations to the New York market. He is also strong on geraniums and other bedding plants, which in the spring go largely to the New York seed stores.

Edward Jacobi has a neat range and store on West Clinton avenue. In addition to a variety of cut flowers he grows mushrooms, and we found his force busy preparing the beds. He is ably assisted by his son, Edward Jacobi Jr., who is secretary of the Essex County Florists' Club.

In one block, on Springfield avenue, there are four growers, all having a

FIELD GROWN

ENCHANTRESS

Carnation Plants

Very fine stock ready for immediate shipment.

\$4.00 per 100; \$40.00 per 1000.

PERCY JONES, INC.

WHOLESALE FLORIST

56 East Randolph Street,

CHICAGO

moderate glass area, and growing carnations, chrysanthemums, and at this season gladioli, asters and dahlias.

Richard F. Jolley has a store at 1051 Clinton avenue, with greenhouses at 18 Ball street. A. F. F.



You can be safe only by dealing with a firm that has a reputation and experience. Ask our customers. Every time they'll answer that we do what we say. We make no exaggerated claims; but we live up to our promise.

BEAUTIES, RUSSELL, ORCHIDS, ASTERS FULL ASSORTMENT OF ROSES GOLDEN GLOW CHRYSANTHEMUMS

CURRENT PRICE LIST—In Effect Now.

AMERICAN BEAUTIES.	Per doz.
Long	\$3.00 to \$4.00
30-inch	2.50
24-inch	2.00
20-inch	1.50
Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00.	

OPHELIA, RICHMOND, MILADY, SUNBURST,
KILLARNEY BRILLIANT, KILLARNEY,
WHITE KILLARNEY, WARD. Per 100

Long	\$8.00
Medium	\$4.00 to 6.00
Short	3.00

MRS. CHAS. RUSSELL.	Per doz.
36 inches long	\$2.50
30 inches long	2.00
24 inches long	1.50
18 to 20 inches long	1.00
Short	per 100, \$4.00, \$6.00

CECILE BRUNNER OR SWEETHEART ROSE.
Per 100

ASTERS.	Per 100
Best	\$3.00 to \$4.00
Medium	2.00
Short	1.50

MISCELLANEOUS CUT FLOWERS, P.	
Lilies	
Gladioli	\$2.00 to
Chrysanthemums—Golden Glow.....	
Gypsophila	per doz., 2.00 to
CATTLEYAS	\$1.00 per
VALLEY.....	per doz., \$4.00, \$5.00, \$6.00 per

GREEN GOODS.

Mexican Ivy	
Smilax	doz.,
Sprenger and Asparagus Sprays.....	\$2.00 to
Adiantum	1.00 to
Galax (bronze and green).....	per 1,000
New flat ferns	per 1,000

SUPPLY DEPARTMENT.



Translucent Foliage OAK SPRAYS

Red, Green and Brown. Fine sprays, 3 to 4 feet
\$1.50 per dozen; \$10.00 per 100.

White Waxed Cape Flower

\$4.50 per box of 1000.

Cycas Leaves

inches to 40 inches long. \$5.00 per 100

This is your last chance to get 12 bales of Sphagnum Moss for \$10.00

SO ORDER YOUR SUPPLY RIGHT AWAY.

Ask us for an estimate on your requirements before you place your fall orders.

POEHLMAN

72-74 E. Randolph St.,

Kentias Western Kentias

Headquarters

Largest and most complete stock offered in the West, in a healthy, strong and clean condition.

BELMOREANA SINGLE PLANTS.

4 inch pots, \$1.50 per dozen; \$10.00 per 100;
\$90.00 per 1,000.

Leaves	Each.
5-6 16-18 inch high.....	\$0.40
\$4.50 per dozen; \$35.00 per 100.	

Leaves	Each.
6-7 24 inch high.....	1.00
6-7 28-30 inch high.....	1.50
6-7 42-44 heavy.....	5.00
6-7 50-54 heavy.....	7.00

Specimen plants, \$60.00-\$75.00.

FORSTERIANA SINGLE PLANTS.

Leaves	Each.
5-6 18 inch high.....	\$0.40
\$4.50 per dozen; \$35.00 per 100.	

6-7 28-30 inch high.....	1.00
6-7 34 inch high.....	1.50
6-7 34-36 inch high.....	2.00
6-7 40-42 inch high.....	3.00
6-7 42-46 inch high.....	3.50
6-7 50-52 inch high.....	5.00
6-7 54 inch heavy.....	6.00
6-7 60 inch heavy.....	7.00
6-7 5-5½ ft.....	8.00
6-7 5½-6 ft.....	12.00
6-7 8-8½ ft. heavy.....	40.00
6-7 9-10 ft. heavy.....	50.00



FORSTERIANA MADE UP PLANTS.

Plants	Each.
6 inch pots 3 24 inch high.....	\$ 1.50
7 inch tubs 3 30-32 inch high.....	2.50
8 inch tubs 3 38-42 inch high.....	3.50
8 inch tubs 4 48-52 inch high.....	5.00
8 inch tubs 4 52-54 inch high.....	6.00
10 inch tubs 4 54-60 inch high.....	8.00
12 inch tubs 4 60 inch high.....	10.00
12 inch tubs 4 62-66 inch high.....	12.00
12 inch tubs 4 66-70 inch high.....	15.00
15 inch tubs 4 6-6½ ft. heavy.....	25.00
15 inch tubs 4 75-80 in. heavy.....	\$25@30

ARECA LUTESCENS.

Plants	Each.
6 inch pots, 4 plants, 24 inch high.....	\$1.00
8 inch tubs, 3 plants, 40 inch high.....	3.00

ASPIDISTRAS.

5 inch Aspidistra green 10-12 leaves.....	1.00
6 inch Aspidistra green 15-17 leaves.....	1.50
5 inch Aspidistra var. 7 leaves.....	1.00
5 inch Aspidistra var. 10-12 leaves.....	1.50

LIVISTONA ROTUNDIFOLIA.

5 inch pots	\$0.75 each
6 inch pots	1.25 each

PHOENIX ROEBELENI.

3 inch pots.....	\$3.50 per doz.
6 inch pots	Each.
6 inch pots, 18 inch high, 24 inch spread..	\$2.00
10 inch tubs, 35 inch high, 46 inch spread..	7.50

Grafted and Own Root Rose Plants.

Grafted, 3½-inch Stock.

\$140.00 per 1000.

Pink Killarney	600 Old Gold
White Killarney	400 Richmond
Brilliant	1300 Scott Key
Milady	900 Elgar

Grafted, 2½-inch Stock.

\$100.00 per 1000.

500 Pink Killarney	800 Wards
3900 White Killarney	700 Old Gold
3600 Brilliant	200 Elgar

Own Root, 3½-inch Stock.

\$96.70 per 1000.

400 Pink Killarney	300 Elgar
500 White Killarney	1625 Richmond
197 Old Gold	

Own Root, 2½-inch Stock—\$56.70 per 1000.

1500 Pink Killarney

50 Sunburst

1000 Richmond

CALADIUMS

Finest fancy leaved varieties, 25c, 35c, 50c, 75c, \$1.00 and \$1.50 each.

Begonia Chatelaine, 2¼ in.....	100	1000
3 in.	\$ 3.50	
4 in.	8.00	
5 in.	15.00	
5 in.	each, 25c	
Begonia Lorraine, 2 in.....	10.00	
2½ in.	12.00	
Coleus Emperor Wilhelm, 3-in., 8c each; 4-in., 15c each.		
Crotons—5-inch, \$7.20 per doz.; 6-inch, 75c and \$1 each.		

Cyclamen—3 inch, \$8.00 per 100.
Seedlings, \$40.00 per 1,000.

Primulas Grandiflora and Giant strain, only the choicest varieties, summer delivery, 2¼ in.	3.00
--	------

Smilax, strong new stock, 2¼ in. 2.50	
3 in.	6.00

Boston Ferns, 5-inch, 40 cents each.

Boston and Roosevelt Ferns, 6-in., 75c each;
7-in., \$1.00 each.

Whitmani, 6-in., 75c each.

Table Ferns, 2¼-in., \$3.00 per 100.

BOXWOODS

	Each
15-in. in burlap .....	.40
18-in. in burlap .....	.50

N BROS. CO.

Long Distance Phone,
Randolph 35. CHICAGO, ILL.

SUMMER ROSES

We make a specialty of growing Roses best adapted to handle during the hot weather. Our facilities are exceptionally well equipped and we recommend the following stock for summer:

NEW BEAUTIES--Very Fine Flowers--Best In This Market. Good Shipping Stock.

Rhea Reid—Best red rose.

Mrs. Russell—Best pink rose.

Sunburst—Best yellow rose.

Double White Killarney—Best white rose.

Ophelia and **Shawyer**—Are also two good pink roses for summer use.

These in addition to the regular varieties of Roses we are receiving in large quantities direct from our greenhouses within a few hours of being cut, enable us to fill all orders with strictly fresh stock. This is the great advantage of buying direct of the grower. Order here.

CURRENT PRICE LIST

American Beauties	Per doz.
Specials, extra long stems.....	\$1.00
30 to 36-inch stems.....	3.00
Medium stems.....	\$1.50 to 2.50
Shorter lengths.....	.75 to 1.00

No very short stem Beauties.

Sunburst--Rhea Reid--Ophelia--Richmond Shawyer--White and Pink Killarney Killarney Brilliant

Long.....	per 100,	\$6.00
Medium.....	"	\$4.00 to 5.00
Short.....	"	3.00

Mrs. Chas. Russell.	Per 100
Long.....	\$8.00 to \$10.00
Medium.....	5.00 to 6.00
Short.....	3.00
Cecile Brunner	per bunch, 35c

Asters at Market Prices.

LILY OF THE VALLEY	\$5.00 to 6.00
ASPARAGUS SPRAYS and SPRENGER	2.00 to 3.00
FERNS , new.....	per 100, 20 cents; in lots of 1000 or more, \$1.50 per 1000.
ADIANTUM	1.00
GALAX , bronze and green.....	per 1000, \$1.25 to \$1.50

ROSES, our selection, in lots of 500 or more at the rate of \$20.00 per 1000.

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN

LONG DISTANCE PHONE:
CENTRAL 1457.

Greenhouses: Hinsdale, Ill. and Gregg's Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Mention the American Florist when writing

Chicago.

GLADIOLI ARE MORE PLENTIFUL.

There is not much change in the market conditions since last week and good stock is as scarce as ever with the exception of gladioli, which are now arriving in much larger quantities and are selling at somewhat lower prices but at figures that compare most favorably with those of last season. Gladioli have sold unusually well this season and good prices have been and are still being realized, although they are considerably lower at this writing than they were last week. America, Mrs. Francis King, Augusta, Myrtle, Mrs. Frank Pendleton, Klondyke, Niagara, Panama, Autumn Queen, Europa, Hulo and Principine are the varieties that are obtainable in large quantities and it is particularly noticeable that white especially are in brisk demand. Asters are arriving in rather poor condition and what little good stock reaches the market is sold almost as soon as it is unpacked. Roses are moving well, especially Mrs. Chas. Russell, American Beauty and Sunburst, which have improved considerably in quality the

past few weeks. Roses in general are cleaning up well each day at good prices and while the quality is steadily improving there is still some very poor stock being offered. Lilies are none too plentiful and the same holds good for lily of the valley and orchids. Miscellaneous outdoor stock is still reaching the market in large supply and at times has a good call. Green goods of all kinds are obtainable in quantity and some very choice leucothoe is being offered. A few brisk days would find the market completely cleaned up even though the heavy receipts of gladioli have affected prices in general the last few days.

NOTES.

Fred Klingel, of Erne & Klingel, and family, are making a seven-day lake trip and will stop off at Mackinac Island for a few days. Mrs. Charles Erne and daughter motored to Terra Haute, Ind., this week, which accounts for the fact that Mr. Erne feels that also he has a license to sing "Hurrah! My wife is gone to the country!" August Barnett is back from a two weeks' vacation and is again attending to his duties at this house.

Peter Reinberg is cutting a good supply of Sunburst and Mrs. Chas. Russell roses, which are in good demand at their store. Felix Reichling reports that the demand for field grown carnation plants has been unusually heavy and that they have never sold so many before up to this date as they have this season.

Percy Jones has made arrangements to handle an unusually large supply of chrysanthemums this year, and expects to be able to supply them in quantity commencing with this week. This house is also handling a large number of fancy gladioli.

Herbert Smith and family, of Danville, passed through here Monday, August 21, on their way home from a delightful automobile trip to Delavan Lake, Wis.

E. Knecht, with John T. Muir, 4647 Grand boulevard, is enjoying a two weeks' vacation at New Buffalo, Mich.

Raymond Ziska and William Kaspar are back from a Ford automobile trip to Starved Rock.

Heaton Nichols and wife of Joliet visited friends here August 22.

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

GOOD SUPPLY

RUSSELL=SUNBURST=MILADY

and all the other roses listed in the price list below.

Fancy Lilies, Asters, Gladioli, Valley and Complete Line of Greens.

Current Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems	\$5.00
48-inch stems	4.00
36-inch stems	3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.00
Short .....	.75

Richmond.....	
Killarney.....	
White Killarney.....	
My Maryland.....	
Sunburst.....	
Ophelia.....	
Milady.....	
Champ Weiland.....	
Extra select	Per 100 \$8.00
Select	6.00
Medium	5.00
Short	4.00

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$2.00
Select	1.50
Medium	1.00
Short	\$.50 to .75

Roses, our selection.....	Per 100 \$ 3.00
Asters	\$ 1.00 to 3.00
Gladioli	3.00 to 6.00
Harrisil	10.00 to 12.50
Valley	4.00 to 5.00
Adiantum	1.00
Asparagus, per bunch .....	.50 to .75
Ferns, per 1,000.....	\$2.00

2,000,000 Feet of Modern Glass

Peter Risch, of Weiland & Risch, celebrated his seventy-second birthday Saturday, August 19. Mr. Risch is in good health, which his many friends are pleased to learn, and makes frequent trips to Weiland & Risch's wholesale store on North Wabash avenue and through their greenhouses at Evanston.

Harry Manheim is back on the job at Hoerber Bros.' store, after a two weeks' vacation, and is ready to tackle the fall business. His son, who had a leg broken when he was run over by an automobile recently, is doing well and is getting along as nicely as can be expected.

Miss Schrieber, of the Bassett & Washburn office force, is again attending to her duties at the store after enjoying a two weeks' vacation. Hugo Woell, of Bassett & Washburn's cut flower department, is back from a well-earned rest and reported for work August 21.

A. L. Vaughan & Co. are handling a good supply of American Beauty roses from the William Dittman greenhouses at New Castle, Ind., and report a brisk demand for same. Mrs. Vaughan and daughter, Thelma, are expected home from California this week.

Miss Olga Tonner, of O. A. & L. A. Tonner, is back from a most enjoyable vacation spent at Cabot's Lodge, Sturgeon Bay, Wis. Miss Nettie Parker and friends, who were with Miss Tonner, will return home the latter part of this week, possibly August 25.

Frank Ayers, with Chas. W. McKellar, and wife, have returned from a two weeks' lake trip on the steamer Minnesota, and report having had a most delightful time. They stopped off for a few days at Buffalo, N. Y., and Mackinac Island.

Wholesale Cut Flowers==Greens and Supplies

Prices cheerfully submitted on whatever you need upon request.

O. A. & L. A. Tonner

30 E. Randolph Street, Phone, Central 6284. CHICAGO, ILL.

Mention the American Florist when writing

Ed. Vilter, of the Zech & Mann force, will leave August 26 for a two weeks' vacation to be spent at South Haven, Mich. Miss Nelda Wolff and Fred Ottenbacher will report for duty August 28, after a two weeks' leave of absence.

Robert Northam, George Reinberg's store manager, is enjoying a two weeks' vacation. Miss Anna O'Neill, bookkeeper for the same firm, is again attending to her duties after a pleasant visit in the east.

John Mangel, the Palmer House Florist, had a large number of orders for the Honore funeral, held August 19, which included a magnificent wreath and spray of orchids.

W. H. Gooding, manager of the loral department of the new Schulte & Haley store at 107 Broadway, Detroit, Mich., was in the city this week buying stock for the fall trade.

Chris Schlueter, with the Foley Greenhouse Manufacturing Co., is making a combined business and pleasure trip through the southern and eastern states.

Clarence Hoffman, with the E. C. Amling Co., is back from his vacation, which consisted of a motorcycle trip to McHenry and other surrounding towns.

Wm. Wienhoeber and family and a party of friends are making an automobile trip through Wisconsin and the upper peninsula of Michigan.

Art Blome and wife will spend their vacation at Duluth, Minn., this summer and will make the trip by boat, leaving Saturday, August 26.

Gust. Alles, Wieter Bros' efficient storeman, has returned from Fox Lake, where he spent an enjoyable vacation.

George Walther, 6310 Normal avenue, and family have returned from a pleasant visit with relatives in California.

Charles Grabig, 1843 Irving Park boulevard, has returned from a pleasant visit at McGregor, Ia.

Ed. O'Neill, formerly with Sam Graff, Columbus, O., is now with the Ernst Wienhoeber Co.

H. C. Wullbrandt, 5315 West Madison street, is back from an automobile trip to Lincoln, Neb.

Stanley Lovick, 3320 South Halsted street, is the proud owner of a new Maxwell touring car.

Ed. Hauswirth is in the employ of the Central Floral Co., North State street.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

We are now cutting heavily in short and medium stemmed Ophelia roses of unsurpassed quality and can take splendid care of you in what you need in this line.

Current Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.

	Per doz.
Long stems	\$5.00
38-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
18-inch stems	2.00
12-inch stems	1.50

White--KILLARNEY--Pink.

	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00

RICHMOND

	Per 100
Extra Special	7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00

OPHELIA.

	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Good	3.00

SUNBURST.

	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Good	3.00

GEORGE ELGAR35c per bunch
ROSES, OUR SELECTION \$3.00

LILIES.

Fancy\$10.00 to \$12.50

Miscellaneous.

Ferns, per 1,000.....	2.00 to 2.50
Smilax, per doz.....	2.00
Adiantum	1.00
Sprengeri, per bunch.....	.50
Asparagus Sprays, bunch.....	.50

Other Green Goods Market Rates.

T. E. Waters reports that Poehlmann Bros. Co. sold an entire outfit of Buchbinder store fixtures, including a Buchbinder refrigerator, this week to Stuhldreher Bros., of Mansfield, O. This is the first order that this firm has booked since it made a contract with Buchbinder Bros. to sell their fixtures and refrigerators, but inquiries for same have been numerous the past two weeks and the outlook for the booking of several more orders in the near future is very bright.

Louis Wittbold reports that the George Wittbold Co. has had a good call for cyclamen this season and also for Boston ferns which they are growing heavily, and are offering in quantity this month.

John Kruchten writes from Sister Lakes, Mich., that he is having a delightful time on his vacation. The John Kruchten Co. is offering a good supply of field grown carnation plants for sale in several of the leading commercial varieties.

Wertheimer Bros., New York, advise that Wm. Abrahamson is not associated with them. The item in our issue of August 5 was general report on the local market about that time.

The Chicago Flower Growers' Association have had a good call for gladioli, which are being handled in large supply and is one of the favorite flowers at present.

W. N. Rudd and wife left August 20 for Norfolk, Va., where they will attend the cemetery superintendents' convention.

The Chicago Florist, 35 East Adams street, will have a fine looking store when the finishing touches are completed.

John Welsh, Sr., 4703 North Robey street, reports the loss of his Ford, which was stolen last week.

Poehlmann Bros. Co. is cutting a good supply of Golden Glow chrysanthemums of good quality for so early in the season.

Visitors: Herman J. C. Leitz, of the New Haven Floral Co., New Haven, Ind.; A. N. Richardson, St. Joseph, Mich.; Robt. Blake, with Mrs. J. B. Freeman, Toledo, O.; — Roepke and wife, Indianapolis, Ind.; Dave Geddes, St. Louis, Mo.; Miss Kate Harris, Memphis, Tenn.; L. M. Mason and wife, Stretator; Theodore Meyer, Waukegan.

Cincinnati.

GOOD BUSINESS AND FAIR SUPPLY.

The market was a little easier last week than it was the previous week. Nevertheless, business was good. The supply has increased slightly. Gladioli are very plentiful. The good ones are having a satisfactory market. Asters, on the other hand, are very scarce and many more might be used were they available. Easter lilies are plentiful, while the rubrums are in a fair supply. Roses are not very plentiful. The first baby's breath, cosmos, as well as some summer chrysanthemums, came in last week, but each was in a rather small quantity. Hardy hydrangea sells fairly well. Water lilies have a fair market.

NOTES.

C. E. Critchell was the first in the market to offer baby's breath this season. He is motoring through the state calling on the trade en route.

Lou Davis of P. J. Olinger's place, is back at work after a fishing trip of a month and a half's duration in Arkansas.

Fred Bachmeier and T. Ben George shared handsomely in the prizes in floral exhibit at the recent Carthage fair.

P. J. Olinger, wife and family, are at Emerado, N. D., on a six weeks' visit with relatives.

Visitors: J. O. Hetsch, Leesburg, Fla.; Mr. Legander, representing A. L. Randall Co., Chicago, and George Hampton, Philadelphia, Pa. H.

Cleveland.

DEMAND GOOD; SUPPLY BELOW NORMAL.

The demand for stock is very good, but due to a lack of rain and the intense heat everything outside is burning and drying up, with the result that receipts are far below normal for this season of the year. Roses are in good demand and the few Pink Killarneys, Shawyer, Russell, Sunburst, Kaiserin and American Beauties which arrive clean up nicely. Carnations are few in number, the outdoor stock being quite poor. There are also to be seen Jap lilies, water lilies, phlox, hydrangeas, Easter lilies, Virginia heather, larkspurs, buddleias, marigolds and scabiosas. Sweet peas are about done. Good gladioli are scarce, but plenty of the smaller varieties and old colors arrive. Asters are

far short of the demand and dahlias have not made their appearance as yet. Shipping business is good and there is an excellent call for supplies.

NOTES.

This city has a local Santa Claus in the person of Alex Von Quiram, florist, of 2142 East 105th street, who occupies the three dull summer months in making doll houses, wagons, autos and other wooden houses, all of his carving being done with a small pen knife. Most of his toys are sold before they are finished. His doll houses are wired for electricity and some of the more elaborate ones have miniature greenhouses in connection.

George W. Smith, accompanied by Mrs. Smith and their eldest son, Adonis, left August 16 for Cody, Wyo., where he expects to spend the next month or two hunting big game and trout fishing in the mountains.

H. P. Knoble, of Knoble Bros., accompanied by his wife and several friends, are touring the eastern states in their automobile.

C. F. B.

Albany, N. Y.

One hundred and eighty-one men, women and children attended the tenth annual clambake and outing of the florists' club, held Saturday, August 19. The tables were arranged in rows in a chestnut grove located on the property of Henkes Brothers at Newtonville, about nine miles north of Albany. The day was fine for the purpose selected and the arrangements under the direction of Fred Henkes, formerly president of the club, and Louis H. Schaefer, chairman of the entertainment committee, went off without a hitch. The "bake" brought members of the club and their families from far and near, and in a sense was a reunion.

Felix Menand, who for some years conducted a retail store at 6 Second street, Monument square, Troy, has sold out to George I. Cain, who will continue the business. Ill health is the cause of the transfer.

R. D.

FREMONT, NEB.—Green's Greenhouses, operating branches in 28 towns in this state and doing business in a large number of others, reports trade at least one-third better than in 1915.

Z E C H M A N N & N

Chicago Headquarters for RUSSELL AND SUNBURST

Our supply of Russell and Sunburst roses is very large and of such good quality that they are recognized as the best in this market. In addition to Russell and Sunburst we have our usual large supply of Ward, Ophelia, Richmond, Killarney and White Killarney.

GLADIOLI

Best stock in this market in all the leading commercial varieties and in such large quantities that we can fill every order entrusted to our care no matter how large it may be.



Remember when ordering that our line is so complete that it includes every item offered in the Great Chicago Market.

30 E. Randolph St.,

L. D. Phones
Central } 3283
 } 3284
Automatic, 42-965

Chicago

Kansas City, Mo.

There has been little change in market conditions, except for the fact that the supply is somewhat more plentiful and of better quality. Asters are plentiful and the western stock is very good with large flowers and long stems, while local grown are of fair grade. Gladioli are very plentiful at prices ranging from two cents to seven cents, most of them being western grown. Carnations are still a lost item and while roses are arriving in larger numbers and of good grade, prices are still high. A few good snapdragons are also seen.

NOTES.

Billy Biederman has been chasing dirt, sand and cement for three weeks, a new pavement being laid on Prospect avenue. He says eating cement and sand is not in the dessert class with him—but a regular item on the daily bill of fare.

H. Kusik & Co., are handling gladioli, asters and lilies in quantity and the stock is of good quality. Roses are not plentiful but the stock seen here is good. Orders for wire work never came in better.

T. J. Noll & Co. are handling gladioli and asters by the thousands and the stock is all of good quality. Lilies are still plentiful and the rose stock at this establishment is good.

Ed. Ellsworth continues to spend part of his time at Forest Lake. His employees are also enjoying his hospitality at the resort during the heated spell.

The city park board has appropriated funds for the addition of five new greenhouses and boiler room at the city nursery in Swope park.

Wm. Foith is cutting good inside asters and expects a fine crop later on. His carnations are also showing good form.

The Oakwood Floral & Farm Co. are cutting some fine gladioli and have no trouble in disposing of them.

At Patrick Larkin's, funeral work has been very good and the stock is better.

J. Austin has a new house well under way. E. J. B.

CAMDEN, N. Y.—The firm of Brown Bros., florists, on Railroad street, has been dissolved.

Special Summer Assortment

25

CUT FLOWER BASKETS

\$7.50



Many of the florists use them in their window displays to good advantage. Order Your Assortment Today.

RAEDLEIN BASKET CO.,

713 Milwaukee Avenue,

CHICAGO

Nashville, Tenn.

Trade is keeping up remarkably well for this season of the year. People continue to get married, and the necessary bridal bouquet helps some in the general call, and funerals are ever with us. Flowers have been very scarce, necessitating shipments from outside sources of supply.

NOTES.

The subject of artificial irrigation is beginning to attract attention and is advocated in some quarters. There has been no necessity for irrigation the past season, however, for this section has had an abundance of rain, and everything in vegetation is green and flourishing, but it is claimed that in a few years this state will be compelled to have some system of irrigation, and even now Tennessee truckers will tell you that gardening or floriculture is a risky business with-

out this help. Quite a number of irrigating plants have been put into operation in Davidson county—the county in which this city is located—and those operating are very much pleased with the results.

Charles A. Keffer, of the division of extension of the University of Tennessee, and who is also an officer of the state horticultural society, in an interesting article in the daily journals of the state, advocates the extensive culture of celery in this state. This fine edible has been produced successfully in the county by the elder Geny, father of the Geny brothers, which goes to prove that the thing can be done.

Leon Geny, of the firm of Geny Bros., is taking an extensive touring trip in his automobile. He, with his family, left here some 10 days ago for the trip, and have taken in Cincinnati, Indianapolis and Chicago, and will visit other cities before returning home. M. C. D.

ROSES-ASTERS-GLADIOLI



**Plenty of VALLEY and LILIES
ALWAYS ON HAND.**

You can increase your profits and business by sending all your orders direct to

**Quality
Speaks
Louder
Than
Prices.**

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

**ROSES, VALLEY
and CARNATIONS
A Specialty.....**

**WHOLESALE
Grower of**

GUT FLOWERS

**Prices
As
Low
As
Others.**

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Oklahoma, City.

O. O. Boston, who for the past two years has been in the employ of Furrow & Co., and who previous to that was with the Stiles Co. for about 12 years, has decided to go into business for himself, and has selected the town of Tulsa, Okla., for his venture. He will open up there, September 15, having secured store accommodation at 16 East Third street. Tulsa is 118 miles northeast of here. It is a wealthy oil town of about 40,000 population, and he should do well there, as the florist business has not been pushed very hard.

The flower business continues to show a little activity each day, though most of the calls are for funeral designs or sprays. The weather continues quite warm and we are beginning to need rain very badly.

S. S. B.

Los Angeles.

INDICATIONS OF RECORD YEAR.

Cool weather prevails again and all indications point to a record year. A great amount of funeral work is being sent out which will be noticeable in the general result. Stock is plentiful in all lines with the possible exception of roses.

NOTES.

O. C. Saakes continues to turn out casket covers and other designs in funeral work. He has added a very attractive new delivery car, which bespeaks prosperity. Some of the largest specimens of dahlias ever seen here at this season were a noteworthy feature at his store last week. The variety was Souvenir Gustaf DeZon, and they measured up to nine inches.

Wolfskill Bros. & Morris Goldenson report fair trade. Some unique French bouquets are being shown by this firm. Morris Goldenson and family are enjoying a vacation and are encamped in the mountains for two weeks.

The Redondo Floral Co. is featuring some fine lavender asters, grown by Gus Swenson of Eagle Rock. Mr. Knopf, of this firm, is enjoying a well earned rest and is taking an auto trip up the coast.

Seki Bros. & Co. are still making improvements at their salesroom and are making ready for new show cases and a line of baskets.

Carnations NEW CROP Asters S. MURATA & CO.,

OLDEST AND MOST EXPERIENCED
SHIPPERS IN SOUTHERN CALIFORNIA.

751 S. Broadway,

LOS ANGELES, CALIF

Mention the American Florist when writing

GLADIOLI

Large supply of fancy stock in all the seasonable varieties.

M. C. GUNTERBERG, 158 N. Wabash Ave., CHICAGO, ILL.

Mention the American Florist when writing

A. T. PYFER & CO.

WHOLESALE

Commission Florists

30 East Randolph Street, CHICAGO

Mention the American Florist when writing

The Broadway Florists report considerable call for funeral work with the usual amount of business in cut flowers and supplies.

S. Murata & Co. are showing the usual line of asters, carnations, gladioli and lilies. The asters are of unusually good quality.

Wright's Flower Shop, Inc., is one of the places where the force always seems busy, and this week was no exception.

G. H. H.

TROY, N. Y.—George I. Cain has purchased the business of Felix Menand, 6 Second street, the latter retiring on account of ill health.

WEST PLAINES, MO.—C. W. Harold of Decatur, Ill., has secured an option on property here and is contemplating the erection of a modern range. He is being encouraged by business men of this city.

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 No. WABASH AVE., CHICAGO
Telephone Central 466

Chicago Flower Growers' Association

Wholesale Growers of
Cut Flowers and Plants

182 No. Wabash Ave., CHICAGO
L. D. Phone, Randolph 631

Mention the American Florist when writing

Advertising String FOR TYING FLOWER BOXES

Write for samples and prices.

Chicago Printed String Co.,
309 S. LA SALLE ST., CHICAGO.

Mention the American Florist when writing

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

The Largest, Best Equipped,
Most Centrally LocatedWHOLESALE
CUT FLOWER HOUSE
IN CHICAGO

174-6 N. Wabash Ave., CHICAGO

L. D. Phones
CENTRAL 1977 and 1978.

Mention the American Florist when writing

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

HOERBER BROS.

Wholesale
Growers of Cut Flowers

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave., Chicago

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.Wholesale Cut Flowers,
Florists' Supplies.

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST. Per doz.

Roses, Beauty, specials	\$5 00
" " 36-in.	4 00
" " 30-in.	3 00
" " 24-in.	2 50
" " 20-in.	2 00
" " 18-in.	1 00
Per 100	
" Mrs. Chas. Russell.....	\$4 00@15 00
" Beauty, short	4 00@ 6 00
" Hoosier Beauty	2 00@10 00
" Killarney Brilliant	2 00@10 00
" Killarney	2 00@10 00
" White Killarney	2 00@10 00
" Richmond	2 00@10 00
" Prince de Bulgarie	2 00@10 00
" Rhea Reid	2 00@10 00
" My Maryland	2 00@10 00
" Mrs. Geo. Sawyer	2 00@10 00
" Milady	2 00@10 00
" Sunburst	2 00@10 00
" Mrs. Aaron Ward	2 00@10 00
" Hadley	2 00@10 00
" Ophelia	2 00@10 00
" Double White Killarney	2 00@10 00
" Mrs. Moorfield Storey	2 00@10 00
" Champ Weiland	4 00@10 00
" Stanley	3 00@10 00
" Tipperary	3 00@10 00
" Frances Scott Key	3 00@10 00
" Bayard Thayer	3 00@10 00
" Cecile Brunner	2 00@ 3 00
" George Elgar	2 00@ 3 00
" Baby Doll	2 00@ 3 00
" Fireflame	4 00
" Our selection	3 00
Carnations	1 00@ 3 00
Cattleyas	per doz., 9 00
Asters	2 00@ 3 00
Dahlias	3 00
Lilium Harrisii	10 00@12 50
Sweet Peas	75@ 1 00
Valley	3 00@ 6 00
Adiantum Crowneum	1 00@ 1 50
Ferns	per 1000, 1 50@3 00
Galax	1 00@1 25
Leucothoe	75@ 1 00
Mexican Ivy	per 1000, 5 00@6 00
Plumosa Strings	each, 60@ 75
Smilax	per doz., 2 00@2 50
Sprengerii, Plumosa Sprays	3 00@ 4 00
Boxwood, 25clb per case	7 50

THE BOOK OF GLADIOLUS



THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, \$1.25

AMERICAN FLORIST CO.
440 So. Dearborn St.
CHICAGO.

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

Mention the American Florist when writing

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

Mention the American Florist when writing

FIELD-GROWN CARNATION PLANTS

White Enchantress, White Perfection, White Wonder, Alma Ward, Matchless, C. Akehurst, C. W. Ward, Alice, Light and R. Pink Enchantress, Enchantress Supreme, Philadelphia, D. Gordon, Champion, Beacon, Victory.

Let us know your requirements and we will submit prices.

THE LEO NIESSEN CO.,

1201-5 Race St., Philadelphia, Pa.

Philadelphia.

SCARCITY OF GOOD STOCK NOTICEABLE.

If one desires the pick of the market, and even then not getting anything much above the ordinary, he must get around early and stay on the job so as to be on hand when the various consignments arrive or his stock will be light, as there is not enough good material coming in for half the demand, which at the same time is very small. But little doing in the general response as to "How is business?" Yet in the aggregate, it is a very considerable amount, enough to hold together the organizations in all the channels of trade. Asters, which generally dominate the market at this time have been very poor, but are now showing much better. The samples are arriving, and some very fair stock is seen, which gives promise of high grade flowers in the near future. Gladioli and larkspurs are seen in good shape, and some out-door snapdragons are very fair. Hydrangeas sell up closely, being so much cheaper in design work than white asters. There is a fair supply of roses, Ophelia, Sunburst, Maryland, Mock, Russell, Prima Donna and Hadley, and we must not forget Kaiserin, which with some growers is fine. Local American Beauties are of medium quality and sell fairly well because they are the longest stem rose. Lily of the valley is a scarce article; regular buyers are supplied, but anything extra must be ordered the day before. Cattleyas have the right of way, and with lily of the valley are in the exclusive class. Even good green has to be hunted, so little is coming in.

NOTES.

Edward Reid took Mark and Mrs. Mills and J. W. Prince, of the W. H. Harris establishment, for a spin in his famous car through the old Chester county carnation belt. Carnations have ceased to be a feature, although quite a quantity are still grown, but this district can now be said to be the mushroom growing center of the country. New substantial concrete sheds are going up taking the place and adding to the many frame structures already in place. Mr. Prince said they have the mushrooms down fine and get immense crops; one day's shipment last winter required two freight cars to hold it. It was all from one station. Carnations are giving way to tomatoes and sweet peas, which make good winter and summer successive crops. A very large crop of tomatoes has been marketed at very good prices, Boston and other New England cities being their market. Some carnation men are growing mushrooms under their carnation beds and say that as a side crop they are reasonably certain and pay very well. The party were struck with the general abandonment of the carnations by the growers in this section.

Arthur Niessen spends some of his vacation days looking in on their army of growers in the various suburban districts surrounding this city. Last week we visited the Lancaster county section, where carnations and asters are a specialty. The early crop of asters had been most disappointing;

Wholesale Flower Markets

BOSTON, Aug. 23.		Per 100
Roses, Beauty.....	20 00	25 00
" Killarney Queen.....	2 00	8 00
" White and Pink Killarney.....	2 00	8 00
" Double White Killarney.....	2 00	8 00
" Killarney Brilliant.....	4 00	10 00
" Hadley.....	4 00	10 00
" Cardinal.....	2 00	8 00
" Mock.....	6 00	12 00
" Mrs. Chas. Russell.....	6 00	12 00
" Sunburst.....	6 00	12 00
" Taft.....	2 00	8 00
" Mulady.....	2 00	6 00
" Ward and Hillingdon.....	2 00	8 00
" My Maryland.....	50	5 00
Cattleyas.....	50 00	75 00
Lily of the Valley.....	4 00	5 00
Sweet Peas.....	50	1 00
Carnations.....	1 00	2 00
select.....	2 00	3 00

BUFFALO, Aug. 23.		Per 100
Beauty Special.....	20 00	25 00
" Fancy.....	15 00	20 00
" Extra.....	10 00	12 00
" First.....	8 00	10 00
" Second.....	2 00	4 00
Roses, Killarney.....	3 00	6 00
" White Killarney.....	3 00	6 00
" My Maryland.....	3 00	7 00
" Sunburst.....	3 00	6 00
" Ward.....	2 00	5 00
" Shawyer.....	3 00	6 00
Lily of the Valley.....	4 00	6 00
Lilies.....	8 00	10 00
Cattleyas.....	40 00	50 00
Carnations.....	1 00	2 00
Gladiolus.....	2 00	4 00
Asters.....	1 00	2 00
Asparagus Sprengerii.....	35	50
Ferns.....	per 1000,	2 00
Smilax.....		15 00

CINCINNATI, Aug. 23.		Per 100
Roses, Killarney.....	2 00	6 00
" My Maryland.....	2 00	6 00
" Richmond.....	2 00	6 00
" Taft.....	2 00	6 00
Lilium Giganteum.....	8 00	10 00
Asparagus Plumosus.....	per bch.,	25c
Gladiolus.....	2 00	4 00
Asters.....	1 00	4 00

the aster bug and the yellows have been hard to overcome and have played havoc with the profits, or even a chance to get enough out of the stock to pay for the seed. Carnations as a rule were looking good, although some growers complained that the stock was not as large as it ought to be; even in beds almost side by side the results were very different and they were at a loss to account for the reason. Mr. Niessen has noticed several new houses, the walls of which were built of hollow glazed tile, which he said made a fine appearance—looked very durable, and cost very little more than the more oftener used concrete. He found the trade almost to a man very optimistic, well satisfied with last season's business and looking forward to a record-breaking season.

J. G. Whilldin, of the Whilldin Pottery Co., says the price of flower pots will have to go up along with the general increase in other goods. His men have struck for higher wages and shorter hours, although several advances have been made in the past few years. There is a good demand, and all orders now on hand will be delivered, but until this situation has been met and the wheels get going

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

**226 DEVONSHIRE STREET,
BOSTON, MASS.**

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

Mention the American Florist when writing

BERGER BROS.

Central Market

ROSES, ORCHIDS, VALLEY

A full line of Summer Flowers
Always high grade Easter Lilies

1225 Race St., Philadelphia, Pa.

Mention the American Florist when writing

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Mention the American Florist when writing

again, it will be almost impossible to make contracts and prices for the future.

The Leo Niessen Co. finds a very good demand for field grown carnations, their sales being twice as large as last season. Very fair summer roses are seen here, as well as a stock of much improved asters.

Edward Reid is handling the summer cut of the Joseph Heacock Co. Considering the season, the quality is fine. Asters, about the average in quality, are seen here.

C.C. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and **Greens**

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers at Kansas City. Let us supply your wants. If on the market, we can furnish it. Get our prices before placing order. We guarantee satisfaction.

1016-1018 McGee Street
KANSAS CITY, MO.

Mention the American Florist when writing

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

Mention the American Florist when writing

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

The Bayersdorfer force are back from the convention and are greatly pleased with results which were much better than they expected. Paul Berkowitz says that a talk with the leading lights among the retailers there showed that the coming season was expected to be a record breaker.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245.

P. O. Box 206

444-446

Milwaukee St., Milwaukee, Wis.

New Fancy Ferns

Special picked. Leave your regular orders with us.

Fancy Lily of the Valley, Orchids, Gladioli, Lilies and all other seasonable flowers.

FLORISTS' SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist,
1312 Pine St., ST. LOUIS, MO

Wholesale Flower Markets

PHILADELPHIA, Aug. 23.		Per 100
Roses, Beauty, extra.....	20 00@25 00	
first.....	10 00@15 00	
Mrs. Chas. Russell.....	8 00@15 00	
Killarney.....	2 00@ 4 00	
White Killarney.....	2 00@ 8 00	
Liberty.....	5 00@10 00	
Hadley.....	4 00@12 00	
Sunburst.....	3 00@ 8 00	
Ophelia.....	3 00@ 8 00	
Hoosier Beauty.....	4 00@12 00	
Carnations.....	2 00@ 4 00	
Cattleyas.....	35 00@50 00	
Lilium Harrisii.....	6 00@ 8 00	
Asters.....	2 00@ 4 00	
Gladiolus.....	6 00@ 8 00	
Larkspur.....	4 00@ 6 00	
Asparagus.....	per bunch, 50	

PITTSBURGH, Aug. 23.		Per 100
Roses, Beauty, special.....	25 00	
fancy.....	20 00	
extra.....	15 00	
No. 1.....	8 00	
Killarney.....	2 00@ 6 00	
My Maryland.....	2 00@ 6 00	
Sunburst.....	2 00@ 6 00	
Mrs. Aaron Ward.....	2 00@ 5 00	
Cattleyas.....	30 00	
Lilium Giganteum.....	8 00	
Carnations.....	1 00	
Adiantum.....	1 25	
Asparagus Sprengeri, per bunch.....	35@40	
Sweet Peas.....	50	
Asters.....	1 00@ 2 00	
Gladiolus.....	2 00@ 4 00	
Water Lilies.....	2 00	
Lily of the Valley.....	4.00 per 100	

MILWAUKEE, Aug. 23.		Per 100
Roses, Killarney and W. Killarney.....	2 00@ 8 00	
Ward.....	2 00@ 6 00	
Mrs. Chas. Russell.....	4 00@15 00	
Ophelia.....	3 00@ 8 00	
Hoosier Beauty.....	3 00@ 8 00	
Lilies.....	10 00@12 50	
Cattleyas.....	per doz., 6 00	
Sweet Peas.....	25@ 50	
Carnations.....	1 00@ 2 00	
Snaptagons.....	doz...\$0.25@90 50	
Gladioli.....	2 00@ 3 00	
Rubrum.....	4 00	
Valley.....	3 00@ 5 00	
Asters.....	1 00@ 2 00	

DAVID WELCH

EDWARD J. WELCH

WELCH'S WHOLESALE AND COMMISSION FLORISTS

FLORISTS' SUPPLIES

280 and 282 Devonshire St.,
BOSTON, MASS.

Consignments of Beauties, Lilies of the Valley,
Orchids and all other flowers received daily.

Telephone—Court Hill 2964, 2965.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

St. Louis, Aug. 23.		Per 100
Roses, Killarney.....	1 00@ 4 00	
White Killarney.....	1 00@ 4 00	
Aaron Ward.....	1 00@ 4 00	
Sunburst.....	2 00@ 6 00	
Ophelia.....	2 00@ 5 00	
Cecile Brunner.....	2 00	
Richmond.....	1 00@ 8 00	
Mrs. Chas. Russell.....	3 00@ 8 00	
Valley.....	4 00	
Lilies.....	10 00	
Asparagus Plumosus, per bu.....	25@75	
Ferns.....	per 1000, 1 50	
Bronze Galax.....	per 1000, 1 50	

Albert Jones, of the S. S. Pennock-Meehan Co.'s force, is a believer in short summer hours. Wholesale places he claims should close at 3 p. m., as the business of the day is then practically over, and one or two disappointments, in not being able to get the this or that flower wanted, would make the retailers carry more stock.

The old established business of the Martin Store, 1725 Chestnut street, is for sale. S. S. Pennock, the trustee, who has it in charge, thinks it a fine opening for enterprising men with moderate capital. It contains quite a stock and is well fitted for the business. Terms are very favorable.

Robert Craig and a party of friends were guests at the Waretown summer retreat of Commodore Westcott, August 18-19. There were no sharks this time, only lots of fun and flounders.

A new commodious ice box has been installed in the Stuart Miller establishment. This rising young wholesaler is paving the way for a good trade the coming winter.

The Philadelphia Wholesale Florists Exchange is now settled in new quarters and carries quite a line of summer flowers. Business is reported very good for the season.

Fine astermums, really splendid flowers, were a feature of the Berger Brothers' market. Maryland roses and choice gladioli were also seen in high grade flowers.

K.

New York.

GOOD STOCK COMMANDS HIGH PRICES.

The demand for cut flowers continues light, but on account of the scarcity of good stock prices continue high for the season. There has been a slight increase in the supply of roses from the new crop. The late asters are now arriving, and better stock is seen than the early crop furnished, and it sells well. Some of the best have wholesaled at the rate of \$4 per 100, but the ruling prices are from \$2 to \$3. Orchids, lilies and lily of the valley are in light supply and prices are firm. Quite a sprinkling of chrysanthemums are now seen, but there does not seem to be much demand for them. Gladioli is the only stock that is plentiful, and on account of the scarcity of other stock they move freely, if the quality is good, but some of them arrive in poor condition.

August 23.—The weather is intensely hot, and business stagnant, with a marked decline in roses and asters. As will be noted in our quotations, orchids, lilies and lily of the valley are all bringing good prices.

NOTES.

The selection of New York as the next meeting place of the Society of American Florists, and the election of A. L. Miller as vice-president, gives general satisfaction. It was merely a coincidence that we had decided to visit the Miller range and nursery on the day of his election. He has a great variety of well-grown stock and plenty of it. In plants, he has about everything that is called for in the trade, Otaheite oranges, crotons, hydrangeas, gardenias, poinsettias and dracaenas being very noteworthy. There are other plants too numerous to mention. In stock for cutting he has fine chrysanthemums and carnations coming on. Aside from all this, his two nurseries are separate features, containing a great variety of trees and shrubs.

We will leave it to the patriarchs and elder statesmen to advise what should be done at the next convention, and be content in the hope that a great company of florists will assemble here. Many of the florists of the country have visited New York, some of them

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York.

Mention the American Florist when writing

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers.

Mention the American Florist when writing

many times. Those who have never been here know that this city is worth seeing. So come along, and bring the family. You will all be welcome and enjoy the visit.

C. C. Pollworth, of Milwaukee, visited this city August 21. As there is only one C. C. Pollworth and only one Milwaukee, our readers will readily understand that he was a welcome visitor. We expect to see him here in August, 1917, at the head of a large delegation. He was born in Milwaukee, has always lived there, and when the Milwaukee children say their prayers, they add "God bless Mr. Pollworth, who has such nice flowers."

Schloss Brothers, well known dealers in florists' ribbons, have incorporated. The report from Albany reads as follows: Schloss Bros., Inc., Manhattan.—Manufacturing ribbons of all kinds; capital, \$50,000. Incorporators: E. Schloss, 549 West 113th street, New York; A. Schloss, Long Beach, L. I., and C. A. Houston, 200 Fifth avenue, New York.

S. Masur, the retailer of 256 Fulton street, Brooklyn, who recently bought a new seven-passenger Cadillac automobile, has just tried it out by taking a party of friends through New England and to Albany, Saratoga Springs and other up-state towns and cities. They visited the gladioli farms of Arthur Cowee, Berlin, N. Y., and were well pleased with what they saw there.

Secretary John Young of the S. A. F. has arrived home from the convention city, in good health and spirits, but says he had a lively race to keep out of the way of the big Texas storm that almost caught him on his return trip.

At the store of James Weir, Inc., 324 Fulton street, Brooklyn, we recently noticed activity in funeral work. This is one of many retail stores that are now conducted by capable women.

H. P. Knoble, of Knoble Brothers, Cleveland, O., visited this city August 18 on his return from a trip through the Adirondack mountains.

A. F. F.

PAWTUCKET, R. I.—One new house and boiler room is being erected by J. L. Savard, 91 Merida street.

NEWPORT, R. I.—Esteeming it a compliment to have his gardener, John B. Urquhart, chosen president of the Newport Horticultural Society. Governor R. L. Beekman has invited the judges and workers of the society to a dinner, and will grace the occasion by his presence.



Mention the American Florist when writing

—We are—

Wholesale Florists

Have twenty-two years experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

GUTTMAN & RAYNOR,

INC.
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Ladies Sphere in the Florist World.

Paper by Annie Wolfe Brigrance, Waco, Tex., delivered at the convention of the Society of American Florists, Houston, Tex., August 15-17, 1916.

My subject takes the form of a single question which can be answered in almost as many words as it requires to ask the question: "What Ladies Are Doing in the Florist World?"

The ladies, my friends, are today, as ever, busily engaged in keeping up the good work that they have originated in the past, adding here and there a new idea, that through the language of flowers, speaks a tender word in a brighter way to the sick, because the flowers that go to many a sick room from the florist's shop have just that touch of tasty preparation that comes only from the hand of some lady in the florist's shop. Or again, it may be witnessed in the arrangement of the floral tribute to the departed. Just that little touch from her who knows how, makes for a tenderness that soothes the pain and sorrow of those who grieve. And so on down the list—the wedding flowers, the lover's flowers—the hand of some lady adds, through attractive arrangement, to their natural beauty. Go into the spots that have been made more beautiful by flowers, public and private gardens. Man may do the work, but somewhere in the background of these beauty spots is to be found the conception of the idea in some lady's mind.

An example of business ability is found in a letter I received a few days ago from Willis, Tex. I refer, of course, to the business ability of the ladies in the florist trade. This letter relates to the fact that about four years ago a lady from Dayton, O., while visiting in Texas, realized the beauty of the Texas blue bell, the commercial beauty, and she conceived the idea of putting them on the market. She visited Houston and she had some of the Texas blue bells sent to her there. She took them to Kerr, The Florist. He had never seen them before, and bought what she had. This little visitor from Ohio passed on, and Mrs. Thomas Cluxton, in whose home she had visited while in Texas, took up the work, and with the assistance of her father and brothers, has established a large trade in Texas blue bells, shipping them to various cities, where they are eagerly sought. Others, seeing the opportunity that

these people had taken advantage of, have engaged in the work, and today, due to a lady's eye for beauty as well as business, a new field has been created. I could name many other interesting facts concerning the ladies' part in the florist world, but time will not permit. Suffice it to say that, go where you will, find the florist's shop or the greenhouse where lady's hand is not a factor; there may be a few, find them if you can, and I predict that when you do you will find them lacking that something that makes for success in all the rest.

This one word more, and I am through. It is the ladies in nine cases out of ten that create the demand for flowers. It is the ladies that insist on beautifying with flowers private and public places. It is the ladies who receive flowers from father, brother, son or sweetheart. It is the ladies who think to provide them for the sick room, and it was Miss Anna Jarvis who brought the beautiful thought of Mothers' day into being. And why, with the creative for flowers to her credit, should woman not be an important factor in the florist world?

Sewickley Horticultural Society.

The monthly meeting of the Sewickley Horticultural Society was held at Wessenauer's Flower Store, Monday, August 14, with a good attendance. Henceforth the society will meet on the second Tuesday of each month, a hall at 504 Broad street having been engaged. The constitution and by-laws were drawn up and passed upon.

The members unanimously agreed to stage an exhibition of flowers, fruit and vegetables Friday and Saturday, September 22-23. Mr. Wessenauer is placing his greenhouse and show-house at the disposal of the society for this event and it is to be hoped the members will seize this opportunity to show the Sewickley people samples of their skill. It was also agreed to hold a picnic Wednesday afternoon, August 30. Excellent progress is being made by this society and a large number of new members are looked for at the next meeting.

M. C.

SUMMIT, N. J.—Harry O. May has purchased the Colonial Flower Shop, formerly conducted by William Death and will add a retail department to his business.

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Breitmeyer's Sons, John, Detroit, Mich.
Briggs Floral Co., Chicago.
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Furrow & Co., Oklahoma City, Okla.
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Boston—Penn. The Florist.
Brooklyn, N. Y.—Brooklyn Cut Flower Market.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
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Chicago—Alpha Floral Co.
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Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop, Ltd.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Providence, R. I.—T. J. Johnston & Co.
Pueblo, Colo.—McMurray, D. M.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Schenectady, N. Y.—John C. Hatcher.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Joseph's, 233-35 Grant Ave.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Springfield, Mass.—N. F. Higgins.
Springfield, O.—Van Meter Flower Shop.
Steubenville, O.—Huscroft's Flower Shop.
Syracuse, N. Y.—Miles S. Hencle.
Terre Haute, Ind.—J. G. Heini & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Westerly, R. I.—Reuter's.
Wilmette, Ill.—Pyfer & Olsem.
Williamsport, Pa.—Eviden Bros. Co.
Worcester, Mass.—Randall's Flower Shop.

Chicago.

BRIGGS FLORAL CO.

228 W. Madison St.
801 Sheridan Road.

Special attention paid to telegraph orders in Chicago and vicinity. One of our stores is located in the heart of the city and the other in the select north side residential district

Los Angeles, Calif.

SEKI BROS. & CO.

Wholesale and Retail Florists

We grow All kinds of Decoration
our own flowers a Specialty
Phone A-2550 229 W. 4th Street

PYFER & OLSEM

WILMETTE, ILLINOIS

Careful attention to all mail or telegraph orders for delivery in Wilmette—Chicago's North Shore Suburb—Evanston, Kenilworth, Winnetka, Glencoe, Lake Forest.

New York.

Established 1849

David Clarke's Sons

2139 2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most carefully executed.

Kansas City, Mo.

A. Newell FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Lang Floral & Nursery Co., Dallas, Texas

1303 Main Street

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

Sedalia, Missouri.

Archias Floral Co.

Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.

Member of Florists' Telegraph Delivery.

N. F. HIGGINS

FLORIST AND DECORATOR

150 State St., SPRINGFIELD, MASS.

LEWIS HENDERSON, Florist

1814 Douglas St., OMAHA, NEB.

Member of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Telephone 1813 Main JOS. LEVY
BROOKLYN
Cut Flower Market, Inc.
Floral Designs a Specialty
356 FULTON STREET
BRANCH: 408 Fulton St.
BROOKLYN, N. Y.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

PHILIPS BROS., 938 Broad St.
NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.
Wolfskill Bros. and
Morris Goldenson
Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

Kansas City, Mo.
Samuel Murray,
1017 Grand Avenue
Member of Florists' Telegraph Delivery.

Little Rock, Ark.
PAUL M. PALEZ
FLORIST

All orders carefully filled and delivered to all parts
of the city, Arkansas and the Southwest.

Tacoma, Wash.
California Florists
will take care of all telegraphic orders.

Michigan. Orders will be carefully
cared for by
HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS
Members of Florists' Telegraph Delivery.

Grand Rapids, Mich.
GRAND RAPIDS FLORAL CO.
ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

St. Louis, Mo.
F. H. WEBER
Boyle and Maryland Avenues
Flowers delivered in city and state on short notice
Member of Florists' Telegraph Delivery.

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members of Florists' Telegraph Delivery.

Steubenville, Ohio.

Huscroft's Flower Shop

173 North Fourth Street

All Orders Promptly Executed

DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great
Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.

THINK OF HEINL'S

Mention the American Florist when writing

Rockford, Ill.

H. W. BUCKBEE.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Newark, N. J.

The summer business here, as elsewhere, is light, but all the retailers find something to do.

John Crossley, 39 Bellevue avenue, has been spending part of the summer at his cottage at Atlantic Highlands, but has found time to repaint and decorate his store.

C. E. Maillard has a very attractive store at 516 Orange street, corner of Myrtle avenue. He has just finished painting and decorating.

F. A. Kuehn, who is located on Central avenue, opposite Fairmount cemetery, has a considerable glass area and his force is now engaged in re-setting and other repairs. Cemetery work is a considerable feature of his business.

Walking through Fairmount cemetery, one is impressed with the excellence of the horticultural features and the care bestowed on the lots. At this writing, a striking and appropriate feature is the wealth of hydrangeas in bloom. John W. Good is the superintendent of this cemetery.

Charles Lauth, 475 Orange street, has a good store and is making improvements. He is a constant buyer in the New York market.

The Broad Street florists are not complaining of summer dullness, as they, too, now have an opportunity to paint, decorate and otherwise prepare for what is generally believed will be a record breaking season. The old story of poor business in a "presidential year" seems to have gone, with other ancient fictions, to the scrap heap.

A. F. F.

KANSAS CITY,
MISSOURI.

Rock's
FLOWERS

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

CHICAGO

The
Palmer House
Florist

17 E. MONROE ST.

Mention the American Florist when writing

C. H. FREY, Wholesale
and Retail
Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

Mention the American Florist when writing

Send Telegraph, Telephone or Mail Orders
for florist service in this vicinity to

THE DOMINION FLORAL CO.

484 St. Catherine's St., West

Montreal, Que., Canada

Every order receives prompt and careful attention

C. Trauenerfeldt
FLORIST

3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

E. W. PEARSON

47 State St., NEWBURYPORT, MASS.,

Covers all New England points.

Trade Directory

Price: \$3.00, Postpaid.

American Florist Co.,
440 S. Dearborn St., CHICAGO

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Pueblo, Colo.

D. M. McMurray
FLORIST

105 East Abriendo Ave.

Mention the American Florist when writing

Send Telegraph, Telephone or Mail orders for florist service in this vicinity to

Howard & Smith

853 So. Olive St., Los Angeles, Calif.

Every Order sure to receive prompt and careful attention.

Mention the American Florist when writing

WORCESTER, MASS.

Randall's Flower Shop,

13 Pleasant Street.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

VAN METER FLOWER SHOP
SPRING and HIGH, **Springfield, O.**

BEST FLOWERS for EVERY OCCASION.

Mention the American Florist when writing

Williamsport, Pa.
EVEN DEN BROS. CO.

Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Boston, Mass.

HENRY R. COMLEY, Florist, 6 Park St.

50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

Mention the American Florist when writing

John C. Hatcher

Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Hoffmans, N. Y.

Mention the American Florist when writing

FREY & FREY,
1338 O Street, **LINCOLN, NEB.**
WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

El Paso, Texas.

Potter Floral Co.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Boston, Mass.

Penn The Florist

"Penn, The Telegraph Florist"

Member of Florists' Telegraph Delivery Ass'n.

124 TREMONT STREET

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

Mention the American Florist when writing

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

106 STATE STREET.

Mention the American Florist when writing

Toronto, Can.

Canada's best known and most reliable florist

Only the Best **Dunlop's**

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee safe arrival.

Mention the American Florist when writing

Milwaukee, Wis.



J. M. Fox & Son, Inc.

437-39-41 Milwaukee St.

Members Florists' Telegraph Delivery Association.

Mention the American Florist when writing

THOS. F. GALVIN
INC.

NEW YORK 561 Fifth Ave.

BOSTON 1 Park Street
799 Boylston Street

Deliveries to steamers and all Eastern Points.

Mention the American Florist when writing

Trade Directory

Containing the Names and Addresses of Florists of the United States and Canada.

PRICE, \$3.00 POSTPAID.

American Florist Co., 440 S. Dearborn St., Chicago

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

Cleveland, O.

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and I Street

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of Florists' Telegraph Delivery.

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S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Members of Florists' Telegraph Delivery.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

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Chicago.

D. F. SIMONDS
J. R. BUTZOW

OGDEN FLORAL CO.

1917 Harrison St.

We are Located Near Seven of Chicago's Leading West Side Hospitals and Can Fill all Orders properly on short notice. L. D. Phone, West 722

Mention the American Florist when writing

PROVIDENCE, R.I.

T. J. JOHNSTON & CO.

NEW ENGLAND PORTS. 171 WEYBOSSET ST., PROVIDENCE

—American Ass'n of Park Superintendents. 1370

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President; F. W. Bolgiano, Washington, D. C., First Vice-President; L. L. Olds, Madison, Wis., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fifth annual convention, June, 1917.

CARL CROPP, of Vaughan's Seed Store, Chicago, is in California.

PHILADELPHIA, PA.—W. Atlee Burpee, Jr., and Miss Jeanette D. Lee, of this city, will be married November 1.

SHEBOYGAN, WIS.—The capital stock of the John H. Allan Seed Co. has been increased from \$230,000 to \$280,000.

S. F. LEONARD, of the Leonard Seed Co., Chicago, is on the Pacific coast. Albert H. Smith, of the same firm, and wife are at Mackinac Island.

LOUISVILLE, KY.—C. F. Wood, formerly of Wood, Stubbs & Co., will open a seed and set brokerage house in the Board of Trade building in this city.

W. W. BARNARD, of the W. W. Barnard Co., Chicago, continues to make satisfactory progress at his Michigan place and expects to return early in September.

SUGAR BEET SEED is being imported from Russia. Those interested should write the bureau of foreign and domestic commerce, Department of Commerce, Washington, D. C.

CHICAGO.—The appointment is announced of James Fisher as western representative for Carter's Tested Seeds, with headquarters at 180 North Dearborn street, this city.

ONION SET harvesting is about over at Chicago. The stock is standing on the field in crates and the weather is very favorable to thorough drying. The crop is a very moderate one.

BEAN growers in Idaho say aphids is now at work on the plants and that only the well advanced may produce a fair crop, while others in the green stage are liable to serious damage if not ruined.

NEW YORK.—Mrs. Emily Thorburn, wife of the late James M. Thorburn, died August 16 at Patchogue, L. I., in her ninety-first year. Funeral services were held at Grace church, Broadway and 10th street, on Saturday, August 19.

VISITED CHICAGO: Geo. D. Clark, of Henry A. Dreer Inc., Philadelphia, Pa.; C. W. Scott, of the Yokohama Nursery Co., New York; F. H. Henry, of Henry & Lee, New York; H. P. Webster, of Mel L. Webster & Co., Independence, Ia.; Edwin Bishop, with T. W. Wood & Sons, Richmond, Va.

BALTIMORE, Md.—J. W. Bolgiano & Son, early in the present year purchased paper to meet their requirements for both 1916 and 1917. This consisted of several carloads and at present day advanced prices a saving of more than 100 per cent has already been realized. J. Henry Joyeau, field seed manager, and Claude B. Ramsay, advertising manager of this firm, have returned from a visit at the summer home of Charles J. Bolgiano.

Seed Crops in the West.

Waterloo, Neb., August 1.—The hot, dry spell in Nebraska of four weeks duration is now relieved by a good rain and cooler weather. Corns, both sweet and field, have been damaged to some extent in various sections, the earlier plantings and lighter soils being affected the most. Our judgment is that the average damage will be around 25 per cent.

Squash and pumpkin crops are grown largely in Nebraska, and while the vines have been holding up remarkably well the first setting of fruits is very light but hope is expressed that the change in conditions will benefit these crops.

Our cucumber and muskmelon crops grown at Rocky Ford, Colo., are re-

Salzer Dies in Auto Accident.

Henry A. Salzer, president of the John A. Salzer Seed Co., LaCrosse, Wis., was instantly killed August 22, when his automobile plunged over a 75-foot embankment near Dresback, Minn. Mrs. Edward Kramer, wife of a University of Wisconsin professor, and the chauffeur, Emil Dickson, were slightly injured, while Mrs. Salzer and Prof. Kramer escaped unhurt. Mr. Salzer was 61 years of age.

ported as very promising, and with favorable weather conditions from now on we look for very good results.

Reports from our watermelon sections are very fair, but weather continues hot and dry and present conditions would indicate around 75 per cent of a normal crop. R.

Pea Pack Cut Down.

It is estimated that all the peas canned in Door county, Wis., this year will run to about one million cans, 24 cans to the case. Last year it was estimated that 1,500 acres of peas were cut and brought in for canning, and as the acreage all over the state, and in Illinois and New York was also large, it made the price to the canners so low that a very small margin of profit, if any, was left to them. To counteract this and prevent another such condition this year, the canners, at their convention, decided to reduce the acreage, and so it was cut from 1,500 acres to about 600 in Door county, and other sections made a like cut. Now, however, with a poor crop in New York and Illinois, and also in the southern part of Wisconsin, the price is back to normal and a possibility of its going higher.

New Jersey Seed Crops.

Swedesboro, August 4.—The tomato season has started in here very strong. The fruit is of an excellent quality, and we are saving several hundred pounds per day. The early varieties which we are now harvesting are the finest crop we have had for several years. The later varieties do not look

so promising, on account of the extreme wet weather, and at the present time it does not look like more than 50 to 75 per cent crop on a majority of the fields, although if we have good weather from now on it will help crops quite a little. Should it continue wet several crops will be almost a failure. H.

Peas and Beans.

Sheboygan, Wis., August 1.—In a general way the crop of early peas here will, we think, be a fair average. Early wrinkled peas were seriously affected by wet weather in spring and the late wrinkled varieties have been damaged by the recent heat. This, you know, has just been broken in the last two days, and some varieties, we think, will be very short, that is, peas of the Stratagem class, Pride of the Market, etc. Later peas of the Telephone class will be of short crop here, we think not much more than 50 per cent of an average.

Reports to date from the west have been more favorable with a few local exceptions. There has been some damage due to hail and wind storms, but if we succeed in passing the critical time between the middle of July and the middle of August, and the frosts apt to strike the western acreage, we should have a good average crop.

Field work has just commenced on beans and anything that we could tell you today would be a hazardous guess. If the frosts hold off we may yet hold out a good crop of beans, but under the conditions, it will be a close call. A.

Imports at New York.

During the week ending August 19 imports were received at New York as follows:

From Bermuda—
F. R. Pierson Co., 32 cases lily bulbs.
R. M. Ward & Co., 63 pkgs. lily bulbs.
Maltus & Ware, 10 boxes lily bulbs, 2 boxes plants, 3 boxes palm leaves.
From Glasgow, Scotland—
T. W. Wood & Son, 100 bbls. grass seed.
From Havre, France—
A. Dickinson Seed Co., 255 bbls. clover seed.
To others and order, 400 bags clover seed.
From Liverpool, Eng.—
Maltus & Ware, 4 cases plants.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED
Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.
Correspondence
Solicited.

Trade Directory

Price \$3.00 Postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn Street, CHICAGO

Braslan

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Seed Growers

SAN JOSE, CALIFORNIA

Company



WINTER SPENCER SWEET PEAS.

NEW CROP SEED READY FOR DELIVERY NOW.

	1 oz.	4 oz.	lb.
APRICOT ORCHID. Mostly apricot self.....	\$1.50	\$ 4.50	\$15.00
BELGIAN HERO. A beautiful rose.....	3.00	10.00	35.00
BOHEMIAN GIRL. Light pink.....	1.50	4.50	15.00
BRIDAL VEIL. Pure white.....	1.00	3.50	12.00
CHRISTMAS PINK ORCHID. Pink, white wings.....	3.00	10.00	35.00
MRS. A. A. SKAACH. Bright pink.....	.65	2.00	7.50
MRS. JOHN M. BARKER. Lilac.....	1.50	4.50	15.00
MRS. JOS. MANDA. Light shell-pink.....	.65	2.00	7.50
MRS. M. SPANOLIN. Double; white.....	1.00	3.50	12.00
MORNING STAR. Self pink color.....	3.00	10.00	35.00
ORANGE ORCHID. Standard orange, wings dark salmon-pink.....	1.50	4.50	15.00
ORCHID BEAUTY. Rose-pink, with orange.....	.75	2.50	9.00
PINK-AND-WHITE ORCHID.....	.65	2.00	7.50
RED ORCHID. Bright cherry-red.....	.75	2.50	10.00
ROSE QUEEN. A pink of sterling merit.....	1.50	5.00	18.00
SENSATION. Newman & Legg's variety of the Christmas Pink Orchid.....	3.00	10.00	35.00
SENSATION SCARLET. Bright scarlet.....	3.00	10.00	35.00
THE CZAR. Rose, wings white, mottled pink.....	3.00	10.00	35.00
VENUS. Blush pink.....	1.50	4.50	15.00
WHITE ORCHID. Pure white.....	.65	2.00	7.50
YARAWA. Bright rose pink. Australian grown seed.....	2.00	9.00	24.00
California Grown Seed.....	.65	2.25	8.00

CYCLAMEN---Boddington's Gigantic

Sow in August and September for Best Results.

	Tr.	100	1000		Tr.	100	1000
	pkt.	seeds	seeds		pkt.	seeds	seeds
Cherry Red.....	\$0.50	\$1.00	\$9.00	Peach Blossom. Rose color.....	\$0.25	\$0.75	\$7.00
CRIMSON.....	.25	.65	6.00	Princess May. Color pink.....	.50	1.00	9.00
Crimson and White.....	.50	1.00	9.00	Rose of Marienthal. Soft shell			
LILAC.....	.25	.65	6.00	pink.....	.25	.65	6.00
PINK. Soft pink.....	.25	.65	6.00	Salmon King. The finest			
ROSE. Light rose.....	.25	.65	6.00	salmon.....	.50	1.00	9.00
Snowflake. White.....	.25	.65	6.00	SALMON QUEEN. Beautiful			
Syringa-Blue.....	.25	.65	6.00	salmon.....	.50	1.00	9.00
WHITE BUTTERFLY.....	.50	1.00	9.00	Salmonium splendens. Fine			
Mixed.....	.25	.60	5.50	salmon-pink.....	.25	.80	7.50
Phoenix. Cherry-crimson.....	.50	2.00	18.50	Wonder (Glory) of Wandsbek.			
Purple King.....	.25	.80	7.50	Brilliant, intense salmon-			
VULCAN. Rich crimson.....	.50	2.00	18.50	red variety.....	.50	1.00	9.00

Mixed Spencers Winter-Flowering

oz., 65c; ¼ lb., \$2.00; lb., \$7.50

Boddington's Re-selected Winter-flowering
Spencers as grown by Wm. Sims,
Cliftondale, Mass.

Our Wholesale Catalogue of Bulbs and Seasonable Flower Seeds is now Ready. Free to Florists
on Request. 5 PER CENT DISCOUNT FOR CASH WITH ORDER.

Arthur T. Boddington Co., Inc., 128 Chambers St., New York City

LILY BULBS

FALL SHIPMENT FROM JAPAN

Prices quoted F. O. B. New York,
Chicago, Denver, San Francisco,
and London (Ont.)

Write for quotations stating quan-
tity, variety and size required.

McHUTCHISON & CO.

The Import House

95 Chambers St., NEW YORK

Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport, - England.

Mention the American Florist when writing

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT. - NEBRASKA

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,

PEDRICKTOWN, N. J.

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomdale
Farm.

Bristol, Pa.

BEANS, PEAS, RADISH

AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write for prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St., Telephone Main 2762. CHICAGO

Mention the American Florist when writing

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.

Woolworth Bldg., New York City

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Mention the American Florist when writing

Field-Grown Carnation Plants

Extra fine stock ready for immediate delivery. Order today.

	100	1000		100	1000
JOY.....	\$4.50	\$40.00	WASHINGTON.....	\$4.50	\$40.00
ENCHANTRESS.....	4.50	40.00	ZOE SYMONDS.....	4.50	40.00
WHITE ENCHANTRESS.....	4.50	40.00	CHAMPION.....	5.00	45.00
ROSE PINK ENCHANTRESS,	4.50	40.00			

PETER REINBERG

WHOLESALE FLORIST

30 E. Randolph Street, L. D. PHONE—CENTRAL 2846 CHICAGO, ILL.

Lilium Harrisii BULBS

	Per 100	Per 1000
5-in. to 7-in.....	\$ 5.00	\$40.00
7-in. to 9-in.....	9 00	80 00
9-in. to 11-in.....	22.00	.....

—ALSO—

Freesia Refracta Alba

	Per 100	Per 1000
Mammoth Size.....	\$1.75	\$12.00

For Immediate Delivery.

J. M. THORBURN & CO.
53 Barclay Street, through to 54 Park Place
NEW YORK CITY.

Send Us Your Order Now.

Imported Bulbs

Narcissi, Hyacinths and Tulips
Freesias and Japan Lilies

We Offer
The Best Stock Grown.

Write for
Trade Price List.

ST. LOUIS SEED CO.,

The Home of "Pure and Sure Seeds"

411-413 Washington Ave.,

St. Louis, Mo.

BARNARD'S
Seed Store
231-235 W. Madison St.
CHICAGO.

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO..
Contract Seed Growers
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Trade Packets contain one-quarter ounce	Trade Pkt.	Oz.	Lb.
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Mrs. A. A. Skaach. Flowers bright shell pink.....	20	65	8 00
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Mrs. M. Spanolin. Black-seeded white.....	25	75	9 00
Mrs. William Sim. Salmon pink.....	20	65	8 00
Mrs. Woodrow Wilson. Appleblossom pink.....	30	1 00	.....
Pink and White. Blanche Ferry Type.....	20	65	.....
President Woodrow Wilson. Magenta rose.....	30	1 00	.....
Rose Queen. Beautiful rose pink.....	50	2 00	.....
Selma Swenson. Clear light soft pink.....	30	1 00	12 00
Venus. Standard white, slightly blushed pink wings.....	25	75	.....
White Orchid. White flowers of good substance.....	20	65	.....
Yarrowa. The color on opening is rose, changing as the flower develops to a light pink standard, tinted buff, with blush wings.....	20	65	8 00
Yarrowa Hybrids.....	20	65	8 00
Winter Flowering Spencers, Mixed.....	20	65	8 00

WINTER FLOWERING—Grandiflora Types

	oz.	1/4 lb.	lb.
Canary Bird. Early yellow.....	\$0 10	\$0 25	\$0 80
Christmas Countess } Sky Blue.....	10	35	1 00
Mrs. C. H. Totty }.....			
Earliest of All } Pink and White.....	10	30	1 00
Christmas Pink }.....	10	30	1 00
Christmas Meteor. Brilliant Red.....	10	30	1 00
Christmas Prima Donna } Daybreak Pink.....	10	30	1 00
Mrs. F. J. Dolansky }.....			
Christmas White } Pure White.....	10	30	1 00
Mont Blanc }.....			
Florence Denzer }.....			
Mrs. Alexander Wallace. Lavender.....	10	35	1 25
Mrs. E. Wild. Bright Rose.....	10	35	1 25
Mrs. W. W. Smalley. } Salmon Pink.....	10	35	1 25
Mrs. William Sim }.....			
Snowbird } Black-seeded White.....	10	35	1 25
Burpee's Earliest White }.....			
Mrs. Geo. Lewis. Black-seeded white.....	10	35	1 25
Le Marquis. Navy blue.....	10	30	1 00
Winter-Flowering Grandiflora Type, Mixed.....	10	30	1 00

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EARLY MORNING STAR The color is a deep orange scarlet or flame color in standard with rich orange pink wings.

25 Seeds, 25c; Trade pkt. (1/4 oz.), \$1.25; oz., \$4.50 net.

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EARLY MELODY This is a deeper shade of pink than "Early Song Bird" on white ground, closely resembling "Countess Spencer" and near "Hercules." It might be described as rose pink on white ground.

25 Seeds, 25c; Trade pkt. (1/4 oz.), \$1.00; oz., \$3.50 net.

EARLY SPRING MAID The color is light pink on a cream ground and the blossoms have the same splendid characteristics of "Mrs. Hugh Dickson" for a florist's flower.

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EARLY SNOW FLAKE This is the best Early Flowering White Seeded Spencer. The blossoms are very large and of the best waved Spencer form.

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EARLY HEATHER BELL The color is a rich but pleasing mauve, but after standing in water the color becomes a beautiful mauve lavender.

25 seeds, 25c; Trade pkt. (1/4 oz.), \$1.25; oz., \$4.50 net.

WINTER FLOWERING—Unwin Types

	Trade Pkt.	Oz.	Lb.
Blue Jay. Bright blue self color.....	\$0 15	\$0 50	\$6 00
Lavender Nora. Most pleasing lavender.....	20	75

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Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held in
Chicago, September, 1916.

Prices of Indoor Fruits and Vegetables.

Chicago, Aug. 22.—Mushrooms, home grown, 15 to 20 cents per pound; lettuce, tomato boxes, 35 to 45 cents; radishes, \$1.50 to \$2.00 per 100 bunches; celery, 50 to 60 cents per box; tomatoes, four baskets, 25 to 60 cents; cucumbers, per hamper, 50 cents to \$1.25.

New York, Aug. 22.—Celery, per crate, \$2.00 to \$4.50; cucumbers, 50 cents to \$1.50 per basket; mushrooms, \$1.50 to \$3.00 per 4-pound basket; tomatoes, per carrier, 30 cents to \$1.50; radishes, per 100 bunches, \$1.00 to \$1.50; lettuce, per basket, 50 cents to \$2.00.

Onion Production and Commercial Acreage

Estimate of the commercial acreage harvested and the total production of acreage planted in 1916, with a forecast of production based upon the condition of the crop as reported August 1, by the bureau of crop estimates, United States department of agriculture, show that in 13 states reported the acreage harvested in 1916 was 34,039 acres compared with 34,297 acres in 1915, in which year the yield was 297 bushels per acre, the total production being 10,083,212 bushels. The forecast of production for 1916 is 11,713,488 bushels. The condition of the crop, August 1, 1916, was 73.5 per cent.

Melons Under Glass.

This is our second season with melons under glass, and the results so far justify continuation of this crop. We have cultivated these much in the same manner as greenhouse cucumbers, all produced by single stem method. The plants were produced in 3-inch pots and followed lettuce in May. To reduce strain on greenhouse roof, the plants were all staked to wooden stakes, one stake to each hill, rather than strings. For pollination a hive of bees was set in one corner of the greenhouse. In regard to variation, we used Rocky Ford stock, both the green and pink meat strains. With the public, there is no question but that the pink is preferred. We have generally raised a half dozen melons per hill which have sold readily at 15 cents each. This income is satisfactory as the crop is easily produced and can follow the last crop of lettuce when it is often too late for cucumbers. We believe there is a future for melons under glass, the same as for cucumbers and tomatoes. Having conditions under control a good quality can be turned out which will open a market almost anywhere. One of the peculiar features of this crop is that the ripe fruit will drop from the vines; hence, one needs only to look over the ground and collect them daily, which is quite a saving of labor over hunting cu-

cumbers or picking tomatoes. To get high quality fruit we should use both phosphatic and potash elements freely as too much nitrogen produces a flat flavored melon. We believe melons could also be produced as a late crop in October and November to relieve the lettuce glut. MARKETMAN.

Seed Germination.

In an article by N. L. Willet in the Florida Grower, the writer refers to C. L. Allen, who in his book on the cabbage tribe, as concerning eugenics in seed, makes the statement that the poorest seeds the trucker can buy are those that germinate close to 100 per cent. Astute Long Island truckers make a practice of carrying egg plant and other varieties of seeds in their pockets for months at a time, in order that by perspiration and rough usage, the germination might be reduced 40 to 50 per cent, which would in turn leave 50 per cent of high grade seeds, the poor ones having been eliminated. The law and the public both demand of the seedsman that his seeds be of high germination, but growers and scientists know that field results can not always be considered reliable. The long pod of a cowpea for example will be large in the middle diminishing in size toward the ends. The peas in the middle are supernormal, while at the ends are subnormal peas which ought to be killed out through some process of elimination—provided we work on eugenic lines. Every experienced grower of watermelons knows that by this elimination, watermelon seeds three years old are far better than one year old seeds.

Concerning this matter of germination many disappointments and crinations could be easily avoided if the planter would test his seeds before planting by putting them in a dampened newspaper for a few days, being careful to see that they are well wrapped up. Recently a vetch field in South Carolina that did not come up was about to cause trouble until the agricultural department at Columbia, which had tested the seeds pronounced them O. K. Another instance was the case of a man who planted a large amount of orchard grass in Tennessee and got no returns. He then tested a few of the seeds after they had been wrapped in wet paper, with the result that they showed 98 per cent germination. A farmer in southern Georgia complained to his neighbor that his clover seed did not come up. When he had told how he had planted it on top of the ground, and then ploughed it under about six inches, and was

laughed at for his ignorance, he paid the clover bill without further comment.

In the opinion of Mr. Willet—nineteenths of the seed troubles supposed to be due to lack of germination are due to other causes. No grower with 100 per cent germination can ever get a crop, if (1) he plants too deep; (2) he plants without sufficient heat in the ground; (3) he plants in dry weather; (4) he plants in damp weather immediately followed by hot dry weather. No seed can come up that is not immediately surrounded by water to the extent of three or four times its own weight—and on the other hand, you can drown seeds just as easily as you can a man.

Tropical plants, such as cotton, teosinte, velvet beans, etc., need high heat. There are inherent troubles which prevent many seeds, such as those of peppers, parsley, carrots, parsnips, spinach and other similar plants from germinating. All hard shell seeds like vetches, all the clover family, and okra, require extra large amounts of moisture and a good wet season. Grass seed, also, needs a great deal of moisture, shallow planting and rolling.

With the legumes, unless the soil has lime or the specific bacteria in it, the seeds are liable to sprout in the ground and die before they reach the surface. If all the facts were known, Mr. Willet repeats, heartaches in the agricultural world would be greatly reduced.

Mushrooms

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10,000 and over, 85c per 1000.

Parsley, Dwarf Fern leaf, 25c per 100;
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The Nursery Trade

American Association of Nurserymen.

John Watson, Newark, N. Y., President;
Lloyd C. Stark, Louisiana, Mo., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Forty-second annual convention will be held at Philadelphia, Pa., June, 1917.

PRINCETON, N. J.—The Princeton Nursery is offering its first crop of fine ornamentals in general assortment, plantings of which were made three years ago. The purpose of the promoters of this new enterprise, Wm. Flemmer, of Springfield, N. J.; John Watson, of Newark, N. Y., and Wm. Flemmer, Jr., of this city, is primarily to grow good ornamentals for the trade.

Connecticut Nurserymen's Association.

The annual outing of the Connecticut Nurserymen's Association was held at Riverside park, a suburb of Springfield, Mass., August 16, the party, numbering about 50, making the trip in automobiles.

The baseball game was called at 11 a. m., nines being chosen and captained by Messrs. Campbell and Brasill, named as the "Ornamentals" and "Big Stock" respectively. The "Big Stock" nine, proving true to name, took the "Ornamentals" into camp to the tune of a 20 to 9 score, owing, perhaps, to their refusal to "be out" until four batters were retired. The ball game between the lady nines proved very interesting, and the score will not be published — for lack of space.

Dinner was served by the park management, after which the amusements of the park were enjoyed, shop talked, and everyone voted it one of the most enjoyable outings the Association ever held, and all look forward to the one next year. F. L. T.

Lindens.

Lindens are the most important of the summer-flowering trees in this climate, and many of the plants in the Arboretum collection are now large enough to flower and to be interesting; although none of them are old enough to show the form and bark of mature trees. Linden trees are very generally distributed in all the temperate regions of the northern hemisphere with the exception of western North America, and, in addition to numerous species, several hybrids are cultivated. All the species are very similar in flower and fruit, and chiefly vary in the size and shape of their leaves, in the presence or absence of hairs on the leaves and branchlets, and in the nature of their hairy covering when it occurs. A fact not easy to explain is the presence in the flowers of all the American species of five petal-like scales opposite the petals and connected with the clusters of stamens, while in the flowers of all the Old World lindens such scales do not exist. It is almost a universal rule that the trees of eastern North America and eastern Asia are more successful here in cultivation than those of Europe, but an exception is found in the lindens. All the European species and many of their hybrids flourish here and some

of them have grown in Massachusetts to a large size. Of the American species cultivated plants of the northern *T. americana* suffer greatly, especially when used as street trees, from the attacks of the red spider, which often badly disfigures the leaves, and the leaves of this tree suffer, too, from various fungal diseases. The silver-leaved *T. heterophylla* from the south may do better in this part of the country but not much is yet known of it as a cultivated tree. There are other linden trees, natives of the extreme southern states, but none of them have been cultivated except occasionally in southern towns. Judging by the results obtained in the Arboretum none of the Asiatic lindens promise to become valuable trees here, although the species recently discovered in western China are still so young that it is not possible to say much about them. Species, however, from Japan, eastern Siberia and Manchuria have been cultivated in the Arboretum for several years, and of these only *T. japonica* and *T. monogolica* have ever grown large enough to flower and produce seeds. The former is a small tree here with gracefully drooping branches and is conspicuous in early spring as the small yellow-green leaves appear a week or two earlier than those of any other linden in the collection. It is one of the latest species to flower. *T. monogolica* is a small, short-lived tree with small, long-pointed shining leaves and is of no value except as a botanical curiosity. The best plants in the country of this linden are now in Rochester, N. Y. The four European species and some of the hybrids between these species, and between them and the American species, all flourish in the northern and middle states; and the largest and handsomest linden tree which has been planted in the neighborhood of Boston is a supposed hybrid between the two species of eastern Europe, *T. platyphyllos* and *T. cordata*, and known as *T. vulgaris*, *T. europaea*, *T. intermedia* and *T. hybrida*. Although widely distributed in central Europe, this tree is much less common than either of its supposed parents; this fact and the variation in the size, shape and color of the leaves on different individuals make its hybrid origin possible, but whatever its origin this linden is an excellent tree to plant here in rich moist soil where abundant space for free development can be allowed to it. The two silver-leaved lindens of eastern Europe, *T. argentea* and *T. petiolaris*, are distinct and handsome trees which might well be more generally seen in New England plantations. The former, which is common in the forests of Hungary, is a large tree with erect-growing branches forming a compact, round-topped head and large, erect-growing leaves dark green above and silvery

white below. This tree has been a good deal planted in some of the parks in New York City where large and interesting specimens can now be seen. It does not appear to be well known in Massachusetts. *T. petiolaris* is better known in New England, and there are large and beautiful specimens of this tree growing in Newport, R. I. Like those of *T. argentea*, the leaves of this tree are silvery white on the lower surface; they droop, however, on long slender stems and flutter gracefully in the slightest breeze. The branches, too, are drooping and form a narrow open head. *T. petiolaris* is not known in a wild state and is of very uncertain origin. A supposed hybrid of this tree with *T. americana* is one of the handsomest of all linden trees; it has been called *T. vestita* and *T. hybrida spectabilis*. The leaves are of the size and shape of those of the American parent but are silvery white on the lower surface. The flowers of the earliest of the lindens, the European *T. platyphyllos*, have been open for several days, and for another month linden-flowers in the Arboretum will fill the air with fragrance and delight the bees with abundant nectar. The linden collection occupies the meadow on the right-hand side of the Meadow road beyond the Administration building.—Arnold Arboretum Bulletin, July 6, 1916.

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Ficus Pandurata, 7-in. pots, 3 ft. tall, \$2.50 each.
Ficus Pandurata, 7 and 8-in. pots, 4 ft. tall, \$3.00 each.
Ficus Pandurata, 10-in. and 11-in. tubs, \$4.00, \$5.00, \$6.00 and \$7.50 each.
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Fine young plants from 2½-in. pots.....
.....\$3 per doz.; \$7 per 100; \$60 per 1000
6-in. pots.....\$6 per doz.; \$45 per 100
4-in. pots.....\$20 per 100; \$180 per 1000
8-in. pots.....\$12 per doz.; \$90 per 100

NEPH. JOHN WANAMAKER "The Wanamaker Boston Fern"

A "sport" from Nephrolepis Scholzei, with longer, narrower, gracefully drooping fronds. It is not so compact in growth as Scholzei, and therefore does not decay in the center, and is a durable house fern. It is a rapid grower, making an abundance of fronds, and is quite distinct from any other Nephrolepis.

2½-in. pots.....\$5 per 100; \$75 per 1000
4 -in. pots, very heavy plants.....
.....\$25 per 100; \$200 per 1000
6 -in. pots, very heavy plants.....
.....\$6 per doz.; \$45 per 100
8 -in. pots, extra heavy plants.....
.....\$9 per doz.; \$70 per 100
6 -in. pots.....\$12 and \$15 per doz.
11 -in. tubs.....\$2.50 and \$3 each

NEPH. TEDDY, JR., SPORT

We think very well of this fern, it having all the good qualities of its parent, Teddy, Jr. The fronds are of darker green and more undulated.
2½-in. pots.....\$8 per 100; \$75 per 1000
4 -in. pots.....\$25 per 100; \$200 per 1000

NEPH. BOSTONIENSIS DWARF

This is a dwarf form of the old Boston Fern, same character form and graceful habit.
2½-in. pots.....\$8 per 100; \$75 per 1000

NEPH. ELEGANTISSIMA IMPROVED

This variety is a greatly improved Elegantissima and shows no tendency to revert to the Boston. This will prove a valuable addition to the crested varieties.

2½-in. pots.....\$6 per 100; \$50 per 1000
6 -in. pots.....\$6 and \$9 per doz.
8 -in. pots.....\$12 and \$15 per doz.
Larger plants.....\$2, \$2.50, \$3 and \$3.50 each

NEPHROLEPIS TODEAOIDES

London Fern. A good, strong grower.
2½-in. pots.....\$5 per 100; \$45 per 1000
4 -in. pots.....\$20 per 100; \$180 per 1000
6 -in. pots.....\$6 and \$9 per doz.
8 -in. pots.....\$12 per doz.
9 -in. and 10-in. tubs.....\$24, \$30 and \$36 per doz.

NEPHROLEPIS SMITHII

The greatly improved Amerpohlii. It is a compact form, much finer than Amerpohlii, and does not break down in the center. The fronds are carried on wiry stems. This variety will have a wonderful sale up to a 6-inch pot, being particularly showy for basket work.
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4 -in. pots.....\$25 per 100

NEPHROLEPIS BOSTONIENSIS

Wm. K. Harris
The finest variety for large plants, being a great improvement over the old Boston.
2½-in. pots.....\$6 per 100; \$50 per 1000
4 -in. pots.....\$20 per 100; \$180 per 1000
6 -in. pots.....\$6 per doz.; \$45 per 100
11 -in. tubs.....\$2, \$2.50, \$3, \$4 and \$5 each

NEPHROLEPIS ROBUSTA

Place orders at once for Nephrolepis Robusta. The Silver Medal Fern at the National Flower Show, winning over all competition. We claim this variety to be the finest of all crested Nephrolepis, being exceptionally fine in large sizes. It is the strongest grower of all the Nephrolepis Ferns, never reverts, and every plant is symmetrical and salable in all sizes.
6 -in. pots, strong plants.....\$50 and \$75 per 100
8 -in. pots, strong plants.....\$12 and \$15 per doz.
11 -in. tubs.....\$3 and \$3.50 each

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Our stock is in superb condition.
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6 -in. pots.....\$6 per doz.; \$45 per 100
8 -in. pots, three-quarter pots.....
.....\$12 per doz.; \$90 per 100
11 -in. tubs.....\$2, \$2.50 and \$3 each

NEPH. ELEGANTISSIMA COMPACTA

A dwarf, compact form of Nephrolepis Elegantissima, each plant making an ideal shape.
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8 -in. pots.....\$12 per doz.

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This is an ideal crested Fern, holding the same relation to all other crested ferns that Scottii holds to the old Boston.

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4 -in. pots, heavy.....\$20 per 100; \$180 per 1000
6 -in. pots, heavy.....\$6 per doz.; \$45 per 100
8 -in. pots, three-quarter pots.....
.....\$12 per doz.; \$90 per 100
11 -in. tubs.....\$24 and \$30 per doz.

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4900 Market St., Philadelphia, Pa.
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ARAUCARIA (NORFOLK ISLAND PINE)

We have a good supply of Araucarias. You gain the benefit not only of a good part of the summer's and fall's growth by laying in your supplies now but to many points shipments by freight can now be made with safety at a saving of transportation charges.

Araucaria Excelsa

	Each
4-inch pots, 5 to 10 inches high, 2 tiers.....	\$0.30
5-inch pots, 8 to 10 inches high, 2 to 3 tiers.....	.40
5-inch pots, 10 inches high, 3 tiers.....	.50
6-inch pots, 10 to 12 inches high, 3 to 4 tiers.....	.60
6-inch pots, 12 to 15 inches high, 3 to 4 tiers.....	.75
6-inch pots, 16 to 18 inches high, 4 tiers.....	1.00
7-inch pots, 18 to 20 inches high, 4 to 5 tiers.....	1.25

Araucaria Excelsa Glauca

	Each
5-inch pots, 8 to 10 inches high, 3 tiers.....	\$0.75
6-inch pots, 10 to 12 inches high, 3 to 4 tiers.....	1.00

Araucaria Robusta Compacta

	Each
6-inch pots, 12 inches high, 2 to 3 tiers.....	\$1.00
6 inch pots, 14 to 16 inches high, 3 tiers.....	1.50
7-inch pots, 18 to 20 inches high, 3 to 4 tiers.....	2.00

The above prices are intended for the trade only.

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Heavy Field Grown Stock

Enchantress	St. Nicholas
Philadelphia	Champion
Ward	Delhi
\$50.00 per 1000; \$5.00 per 100.	
Enchantress, \$45.00 per 1000.	

Cash with order.

JOY FLORAL CO.

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	Per 100	Per 1000
Good Cheer.....	\$8.00	\$70.00
Alice, Mrs. C. W. Ward.....	6.00	55.00
Enchantress Supreme.....	5.50	50.00
Enchantress.....	5.00	45.00
Rose Pink Enchantress.....	5.00	45.00
Beacon.....	6.00	55.00
Harlowarden, The Herald.....	5.00	45.00
White Wonder, White Enchantress.....	5.50	50.00
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Bay Trees

STANDARD
OR
TREE SHAPED

Stems	Crowns	24-in.	Each	Pair
30-in.	24-in.	\$ 7.00	\$13.00
36-in.	24-in.	.....	7.00	13.00
45-in.	26-in.	.....	7.50	14.00
45-in.	30-in.	.....	10.00	18.00
48-in.	34-in.	.....	12.00	22.00
48 in.	40-in.	.....	15.00	28.00
PYRAMID—5 ft. high, 24 in. diameter.....			8.00	15.00



Boxwood Plants

IN TUBS

	Each	Pair
PYRAMIDS—2½-ft.....	\$2.00	\$3.75
3-ft.....	2.50	4.50
3½-ft.....	3.50	6.00
BUSH—24-inch.....	1.25	2.35
30 inch.....	2.75	5.00
36-inch.....	3.75	7.00
STANDARDS—18-20-inch stem, 12 inch ball tops.....	3.00	5.50
12-in. stem, 12-in. crown.....	1.25	2.25
14-15-in. stem, 12-in. crown.....	1.50	2.75
GLOBE—15x15-inch.....	2.75	5.00
18x18-inch.....	3.50	6.50
BUSH—Out of tubs—	Doz.	Per 100
10-inch.....	\$3.00	\$22.50
12-inch.....	4.00	30.00
18-inch.....	6.50	45.00

Out of tubs 25c each reduction.

10% discount allowed on Pyramids in lots of 10 or more.
10% discount allowed on Bush shape in lots of 50 or more.

Ampelopsis Veitchi } Per doz., \$ 3.00
3-year, pot grown. } Per 100, 20.00

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PAEONIA ROOTS

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Our \$20,000 stock of these
contain the best CUT FLOWER
SORTS for Florists.

Write for complete list and ask us to make you a
\$25.00, \$50.00 or \$100.00 selection.

VAUGHAN'S SEED STORE, Chicago

CARNATIONS

F. DORNER & SONS CO.,
Lafayette, - - Indiana

Primulas

Chinese, choice mixed, in 2 1/4-in. pots. \$2.00 per 100
Forbesi, in 2 1/4-in. pots. 2.00 per 100
Malacoides, in 2 1/4-in. pots. 2.25 per 100

At present sold out of Obconicas;
may have more later.

ASPARAGUS Plumosus and Sprengeri, in 2 1/4 in.
pots. \$2.00 per 100' — Cash. —

JOS. H. CUNNINGHAM, Delaware, Ohio

Ginseng Diseases.

The average yield of ginseng per acre is not more than one-sixth to one-third what it might reasonably be expected to be if the numerous diseases which attack the crop could be controlled or eliminated, according to Farmers' Bulletin No. 736, of the United States department of agriculture.

One of the most serious of the ginseng diseases is alternaria blight which attacks the roots of the plant as well as the stems and leaves. Usually the first symptoms of this disease are dark-brown spots or cankers of different sizes on the stems of the plant just above the surface of the ground. The spots gradually enlarge and become velvety or fuzzy in appearance. Later, large dead spots begin to appear on the leaves. These spots gradually become dry and papery in the center, with a darker, yellow brown border. The removal and destruction of diseased tops are of the greatest importance in controlling this disease. After the tops die down the beds should be covered with a layer of dry straw and burned over.

Spraying with Bordeaux mixture, either homemade or commercial, to which arsenate of lead has been added, will protect the surface of the plants from the attacks of parasitic fungi or insects. Sterilizing the soil with steam or disinfecting with formaldehyde is effective against disease-producing organisms in the soil. Some system of artificial drainage is a necessity in the ginseng bed, as an excess of water tends to increase the various diseases which attack the roots of the plants.

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ISSUED AUGUST 1916

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FOR 1916

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AMPELOPSIS VEITCHI.

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ASPARAGUS SPRENGERI, 3-in., \$4 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

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BEGONIAS.

Erfordii, 3-in. \$6.00 per 100
Chatelaine, 2½-in. 3.50 per 100
ERNEST ROBER, Wilmette, Ill.

BEGONIAS—Immediate Delivery.

Per 100
Mrs. J. A. Peterson (new), 2½-in. pots. \$25.00
Per 1,000 200.00
JULIUS ROEHRs CO., Rutherford, N. J.

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Rex Begonias, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

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BOXWOODS.

PYRAMIDS. Broad, heavy specimens, 2 ft., \$1.90 each; 2½ ft., \$2.00 each; 3 ft., \$2.50 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee, Ill. Write for prices on larger sizes.

BUSH SHAPE, 10-12-in., balled, 30c each; 18-in., balled, 60c each; 30-in., balled, \$1.75 each.

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Box 404, Dundee, Ill.

Bay and Boxwood Trees. Very choice stock. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

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Bulbs. French Paper White Grandiflora. Write for prices. Lilium Formosum, 7 to 9-in. (250 to case), \$58 per 1,000; 9 to 10-in. (180 to case), \$80 per 1,000; 10 to 12-in. (100 to case), per case, \$12; \$100 per 1,000. Lilium Harrisii, best Bermuda stock, 6 to 8 in. (335 to case), \$55 per 1,000; 7 to 9-in. (200 to case), \$85 per 1,000. Vaughan's Seed Store, Chicago and New York.

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Bulbs. Callas; fine well-ripened, with live center shoots. Select size, \$9 per 100; Mammoth size, \$12 per 100. A. Henderson & Co., 211 N. State St., Chicago.

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Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily bulbs. Fall shipment from Japan, McHutchison & Co., 95 Chambers St., New York.

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Caladiums, finest fancy leaved varieties, 25c, 35c, 50c, \$1.00 and \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

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CARNATION FIELD PLANTS.

The season has been exceptionally good for growing field plants with us and we offer the following very choice plants:

BELLE WASHBURN, the best commercial red carnation, winner of prizes wherever exhibited, per 100, \$12; per 1,000, \$100.

BASSETT & WASHBURN, Chicago.
178 N. Wabash Ave., Chicago.

FIELD-GROWN CARNATION PLANTS.

	100	1,000
10,000 White Perfection	\$6.00	\$50.00
15,000 Pink Enchantress	6.00	50.00
20,000 White Enchantress	6.00	50.00

Ready for shipment now or will reserve for later delivery. We guarantee plants to be in healthy condition at time of shipment.

PITTSBURGH CUT FLOWER CO.,
Carnation Growers Pittsburgh, Pa.

Carnation Aviator. Field plants, good strong healthy stock, \$12 per 100; \$100 per 1,000. Delivery now. J. D. Thompson Carnation Co., Joliet, Ill.

CARNATIONS.

FIELD-GROWN CARNATION PLANTS.

Mrs. C. W. Ward	\$6.00 per 100; \$50.00 per 1,000
Enchantress	5.00 " " 45.00 " "
White Enchantress	5.00 " " 45.00 " "
White Perfection	5.00 " " 45.00 " "
Beacon	6.00 " " 50.00 " "
Matchless	6.00 " " 50.00 " "

CHICAGO FLOWER GROWERS' ASS'N.
152 North Wabash Ave., Chicago.

Carnation Plants, field-grown, extra fine stock for immediate shipment. Joy, Enchantress, White Enchantress, Rose Pink Enchantress, Washington, Zoe Symonds, \$4.50 per 100; \$40 per 1,000; Champion, \$5 per 100; \$45 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago, Ill.

FIELD-GROWN CARNATION PLANTS.

Very choice stock in these three varieties:
Enchantress \$6.00 per 100; \$50.00 per 1,000
White Enchantress 7.00 per 100; 50.00 per 1,000
White Wonder 7.00 per 100; 55.00 per 1,000
SINNER BROS.
158 No. Wabash Ave., Chicago.

FIELD-GROWN CARNATION PLANTS.

Extra fine, strong and healthy stock, so order early and get the best obtainable.

Enchantress	Perfection
Scarlet Glow	Winsor
\$5.00 per 100; \$45 per 1,000.	

JOHN KRUCHTEN CO.,
162 North Wabash Ave., Chicago.

Carnation plants, field-grown, extra fine stock for immediate shipment. Pink Enchantress, White Enchantress, Rosette, \$5.50 per 100; \$50 per 1,000. Philadelphia, Victory, \$5 per 100; \$45 per 1,000. White Wonder, Matchless, \$6 per 100; \$55 per 1,000. Wiator Bros., 162 N. Wabash Ave., Chicago.

FIELD-GROWN CARNATION PLANTS.

	Immediate Shipment.	Per 100	Per 1,000
Enchantress	\$5.00	\$45.00
Beacon	5.00	45.00

WEILAND & RISCH,
154 No. Wabash Ave., Chicago.

Carnations, field-grown plants. Fine, clean, healthy stock. 1,500 Pink Enchantress, 1,200 Winsor, 1,200 C. W. Ward, 2,500 Victory, \$5 per 100; \$45 in lots of 250; \$40 per 1,000 in lots on 500 or more. A. L. Vaughan & Co., 161 N. Wabash Ave., Chicago.

Carnations, field-grown plants, good, healthy stock. Light Pink Enchantress, C. W. Ward, Philadelphia, Gloriosa, Winsor, White Wonder, Herald and Champion, \$4.50 per 100; \$40 per 1,000. Cash with order. James Psenicka, Gross Point, Ill.

Carnation plants, field-grown stock, Philadelphia, Ward, St. Nicholas, Champion, Delhi, White Wonder and White Enchantress, \$6 per 100; \$50 per 1,000; Enchantress, \$45 per 1,000. Cash please. Joy Floral Co., Nashville, Tenn.

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Carnation plants, field grown. For varieties see advertisement elsewhere in this issue. The Leo Niessen Co., 1201 Race St., Philadelphia, Pa.

Field-grown Enchantress Carnation plants. Very fine stock, \$4 per 100; \$40 per 1,000. Percy Jones, 56 E. Randolph St., Chicago.

Carnations. F. Dörner & Sons Co., Lafayette, Ind.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS.

Emma—A Garza-Anemone, double pompon, pale pink; it's a dandy; you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now. \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

Chrysanthemums, Pompon variety, 2-in., \$2.00 per 100; \$18.50 per 1,000; 3-in., \$3.00 per 100; \$25.00 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CHRYSANTHEMUMS. Good commercial varieties, 2½-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums, 25,000 ready now. Over 20 varieties, early, medium and late, from 2 and 2½-in. pots. Alonzo J. Bryan, Washington, N. J.

COLEUS.

Coleus, Emperor Wilhelm, 3-in., 8c each; 4-in., 15c each. Poehlmann Bros. Co., Morton Grove, Ill.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CROTONS.

Crotons. Extra fine 4-in., \$30 per 100; 5-in., \$6 and \$9 per doz. Robert Craig Company, 4900 Market St., Philadelphia, Pa.

CYCLAMEN.

CYCLAMEN GIGANTEUM SEED.

Improved Wandsbek Type.

White, white with eye, light red, rose pink, bright red, dark blood red. Equal divided, \$6.00 per 1,000; including Glory of Wandsbek, \$1.00 per 100.

Glory of Wandsbek, dark and light salmon, separate, \$8.00 per 1,000; \$1.25 per 100.

Improved Glory of Wandsbek, dark and light. Best salmon, some are nearly double flower, extra large and easy grower, good bloomer, \$10.00 per 1,000, \$1.50 per 100.

Roccoco erecta, new mixed color or separate. This variety is new and not to be compared with the old. Easy to grow, good bloomer, fit to grow in quantities, \$12.00 per 1,000, \$2.00 per 100.

ERNEST ROBER, Wilmette, Ill.

Cyclamen, 2½-in. pots, \$8 per 100; \$15 per 1,000; 4-in. pots, \$25 per 100; \$225 per 1,000. Robert Craig Company, 4900 Market St., Philadelphia, Pa.

1,000 2½-in. Wandsbek cyclamen; good clean stock, \$6 per 100. D. G. GRILLBORTZER, Alexandria, Va.

DAHLIAS.

Dahlias. Best new and standard varieties. Peacock Dahlia Farms, Williamstown Junction, N. J.

DAISIES.

Daisies, A. E. Hunt & Co., 30 E. Randolph, Chicago.

DRACAENAS.

DRACAENA INDIVISA, 5-in., \$35.00 per 100; 4-in., \$15.00 per 100; 3-in., \$6.00 per 100. ERNEST ROBER, Wilmette, Ill.

DRACAENA INDIVISA, 5-in., 35c. Harry Hehl, West Toledo, O.

FERNS.

BOSTON FERNS.

	Per dozen.
4-inch	\$ 1.50
5-inch	3.00
6-inch	6.00
7-inch	9.00
8-inch	12.00
9-inch	15.00

The George Wittbold Co., Chicago.
737 Buckingham Place,

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns. Over 150,000 plants from 2-in. pots up. For varieties and prices see advertisement elsewhere in this issue. Robert Craig Co., 4900 Market St., Philadelphia, Pa.

FERNS.

Ferns, Boston, 4-in., \$15 per 100; 7-in., \$6 per doz.; 8-in., \$1 each, \$9 per doz. Large plants in 11 and 12-in. pots, \$2.50 and \$5 each. R. Vincent, Jr. & Sons Co., White Marsh, Md.

Fine Nephrolepis ferns. For varieties and prices see advertisement elsewhere in this issue. F. R. Pierson Co., Tarrytown, N. Y.

New fancy ferns, special picked. C. A. Kuehn, 1312 Pine St., St. Louis, Mo.

FREESIAS.

Freesias. Purity, California grown, 1st size, \$10 per 1,000; Mammoth, \$12 per 1,000; Rainbow, new and very fine, yellow, orange, lavender and pink, \$5 per 100; \$40 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia, Pa.

Fischer's Purity Freesia, direct from responsible grower. BROWN'S BULB RANCH, Capitola, Calif.

GERANIUMS.

GERANIUMS. Extra strong, 2-in., S. A. Nutt. Ruby (best dark red), Dagata, Ricard, Red Wing, Viaud, Landry, La Favorite, Perkins, Oberle and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wylie, Aviator, Rogers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. F. H. DE WITT & CO., Wooster, O.

Geraniums, in good 3-in. stock at \$3 per 100; \$25 per 1,000; 2-in., at \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS. Mixed varieties, fine healthy plants, \$8.00 per 100. M. C. GUNTERBERG, 158 North Wabash Avenue, Chicago.

Geraniums, S. A. Nutt and Buchner, \$10 per 1,000; Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, S. A. Nutt, 2-in., \$1.65 per 100; \$16 per 1,000. Elmer Rawlings, Allegany, N. Y.

GREENS.

Greens. Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. Caldwell The Woodsman Co., Evergreen, Ala.

Greens. Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

HYDRANGEAS.

HYDRANGEA OTAKSA, 3-in., \$5.00 per 100; 6-in. and 8-in. in bloom, 35c, 50c, 75c and \$1.00 each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

SELECT IRIS.

The following varieties are specially selected for florists' use as cut flowers and landscape work. Have been tried and proven true. We have a surplus, hence the low prices. Prices are for single divisions, well grown and healthy. Packed free if cash accompanies order.

Mad. Cheran, white, frilled violet..	\$2.00	1000.
Florentina Alba, white, tinted	2.00	15.00
laverdier	2.00	15.00
Queen of May, lilac pink.....	2.50	20.00
Darius, lemon yellow with purple..	2.50	20.00
Ulysee, bronze and purple.....	2.00	15.00
ALTA VISTA NURSERIES, Davenport, Iowa.		

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LANTANAS.

LANTANAS, mixed, 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the valley. Finest in existence. For quotations address Otto Mann, Leipzig, Saxony, Germany.

LOPEZIA.

LOPEZIA RACEMOSA, a very neat Xmas plant covered with thousands of red flowers from Nov. until May. 2-in., 3c; very bushy out of 4-in., 7c. EMIL BAUDISCH, 753 Hamilton ave., No. Bergen, N. J.

MOONVINES.

Moonvines, white and blue, Parlor Ivy, S. Scandens, Acalypha, hardy English Ivy, Cuphea, Lantanas, Swainsona, white, Alternantheras, Coleus, Lemon Verbenas, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr. & Sons Co., White Marsh, Md.

Moonvines, lemon verbenas, swainsona, parlor ivy, S. scandens, alyssum, coleus, Salvia Bonfire and Zurich, cuphea, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th sts., Philadelphia, Pa.

Palms. Joseph Heacock Co., Wyncote, Pa.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. HENRY SMITH, Grand Rapids, Mich.

PELARGONIUMS.

PELARGONIUMS—"EASTER GREETING."

We have about 2,500 dandy 2½-in., ready to ship. Pelargoniums have long been our hobby. In 1878 we introduced the "Freddie Hehl," and a few years later brought out the "Robbie Hehl." Both were crackerjacks in their day, but not in it with the recent "Easter Greeting" type. We have shipped all over this country and Canada, and never received a single complaint. \$6.00 per 100. Hehl's, Terre Haute, Ind.

PEONIES.

French peonies can be shipped with celerity and security via Bordeaux-New York. Catalogue free. DESSERT, Peony Specialist, Chenonceaux, France.

PEONIES—\$20,000 worth of best named varieties at our nursery, Western Springs, Ill. Now is planting time. Let us quote you. VAUGHAN'S SEED STORE, Chicago and New York.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PRIMULAS.

PRIMULAS.

Obconica, 2-in.	100
Malacoides, 2-in.	\$3.00
Malacoides, 3-in.	3.00
ERNEST ROBER, Wilmette, Ill.	6.00

Primulas, Grandiflora and Gigantea strain, only the choicest varieties; summer delivery, 2½-in., \$3 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

PRIVET.

California Privet, of superior quality, in all sizes from one to four feet. J. T. Lovett, Little Silver, N. J.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

RESURRECTION PLANTS.

RESURRECTION PLANTS (Mexican Evergreen) scarce, per 100, \$3.25; per 1,000, \$25.00. Vaughan's Seed Store, 43 Barclay St., New York.

ROSES.

ROSES.

Each
800 American Beauty, 4-in., extra choice young plants8c
2000 White Killarney, 2½-in., grafted, good big plants8c
2000 Richmond, 2½-in., grafted, good big plants8c
2000 Sunburst, 2½-in., own root, extra fine plants4c
1000 Cecile Brunner, 3-in., own root, choice stock4c
1000 Mrs. Geo. Shawyer, 2½-in., own root.4c
BASSETT & WASHBURN.
178 N. Wabash Ave. Chicago.

Roses. Grafted 3½-in. stock: Pink and White Killarney, Brilliant, Milady, Ophelia, Old Gold, Cecile Brunner, Richmond, Scott Key, Elgar, \$140.00 per 1,000. Grafted 2½-in. stock: Pink and White Killarney, Brilliant, Ward, Milady, Old Gold, Richmond, Hoosier Beauty, Scott Key, Elgar, \$100 per 1,000. Own root 3½-in. stock: Pink and White Killarney, Old Gold, Richmond, Scott Key, Brilliant, Elgar, Ward, Sunburst, \$96.70 per 1,000. Own root, 2½-in. stock: Pink and White Killarney, Scott Key, Sunburst, Richmond, \$56.70 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

FINE 2½-INCH ROSE PLANTS.

	100	1,000
Killarney	\$4.00	\$35.00
Richmond	3.00	25.00
Geo. Elgar (Baby Yellow).....	4.00	35.00
White Killarney	4.00	35.00

WIETOR BROTHERS.

L. D. Phone, Randolph 2031.
162 N. Wabash Ave., Chicago.

ROSE PLANTS. Kaiserin A. V., 3-in., \$6.00 per 100. Richmond, 3-in., \$6 per 100. Maryland, 3-in., \$8 per 100. American Beauties, 4-in., \$8 per 100. Other varieties. HENRY SMITH, Grand Rapids, Mich.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses. 2½ and 4-in. pots, in a good assortment. The Leedle Floral Co., Springfield, O.

Roses, cannas, shrubbery. The Conard & Jones Co., West Grove, Pa.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10.00 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seeds. Winter-flowering Spencer Sweet Peas, florists' for present sowing. For varieties and prices, see advertisement elsewhere in this issue. Arthur T. Boddington, Inc., 128 Chambers St., New York.

Seeds, contract growers of pepper; egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds. Spencer Winter-flowering Sweet Peas, Cyclamen. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington, Inc., 128 Chambers St., New York.

Seed. Spencer Winter-flowering Sweet Peas. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds. All the leading kinds for summer and fall planting. James Vick's Sons, Rochester, N. Y.

SEEDS.

Seeds. Sweet Pea. For varieties and prices see advertisement elsewhere in this issue. S. S. Pennock-Meehan Co., 1608-1620 Ludlow St., Philadelphia, Pa.

Seeds, contract growers of cucumber, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet. Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed. Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, tree, shrub and palm. For nursery and florists. Write for prices. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seed. Cyclamen. For varieties and prices see advertisement on front cover of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsley, parsnips, turnips. R. & M. Godineau, Angers, France.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, specialties: Lettuce, onion, sweet pea, aster, cosmos, mignonette, verbena in variety. Waldo Rohmert, Gilroy, Calif.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Flower, sweet pea and nasturtiums. The L. D. Waller Seed Co., Guadalupe, Calif.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds. Vegetable, flower and forage. Simon Louis Freres & Co., Bruyeres-le-Chatel (Seine et Oise), France.

Seed. Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

Seed. High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds, garden, farm or flower, wholesale only. Write for prices. Kelway's, Langport, Eng.

Seeds. Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seeds. Flower and garden. Barnard Seed Store, 231-235 W. Madison St., Chicago.

Seed. For the wholesale trade only. Brazilian Seed Growers' Company, San Jose, Calif.

Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seed. Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seed. Flower and garden. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds which succeed. Landreth, Bristol, Pa.

SMILAX.

Smilax, strong new stock, 2½-in., \$2.50 per 100; 3-in., \$6 per 100; \$50 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SNAPDRAGONS.

3,000 4-in. fine snapdragons (Keystone). A fine pink, well branched, \$8 per 100. D. G. GRILLBROTZER, Alexandria, Va.

VEGETABLE PLANTS.

FIELD-GROWN PLANTS, all varieties: Cabbage, \$1.00 per 1,000; \$8.50 per 10,000. Celery, \$2.00 per 1,000. Parsley, \$2.50 per 1,000. F. M. PATTINGTON, Scipioville, N. Y.

Celery and parsley. For varieties and prices see advertisement elsewhere in this issue. R. Vincent Jr., & Sons Co., White Marsh, Md.

VINCAS.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

Vinca Variegata, 2-in., \$2 per 100. Elmer Rawlings, Allegany, N. Y.

MISCELLANEOUS.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Av., Detroit, Mich.

Choice landscape decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., box 404, Dundee, Ill.

Boiler flues, cleaned and trimmed. Stuttle's clamps and elbows to join flues. H. Munson, 1353 N. Clark St., Chicago.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Straford, London, England.

Japanese tea garden and rockery for your summer house made in a short time. T. R. Otsuka, 300 S. Michigan Ave., Chicago.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Vaughan's perfection points. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Nursery stock of all descriptions. Catalogues and price lists free on application. The Storrs & Harrison Co., Painesville, O.

Florists' Greening Pins. Box of 10 lbs., \$1.50; 5 boxes, \$7.00. Geo. M. Angermueller, 1324 Pine St., St. Louis, Mo.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Catalogues. Large runs our specialty. Write for prices. Regan Printing House, 527 Plymouth Place, Chicago.

Baskets of every description. Write for catalogue. Raedlein Basket Co., 713 Milwaukee Ave., Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

MISCELLANEOUS.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

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Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Boilers of high grade for greenhouses. Write for catalogues. Giblin & Co., Utica, N. Y.

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Blooming plants or anything in soft wooded plants. Geo. A. Kuhl, Pekin, Ill.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

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Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Hail storm insurance. John G. Esler, Sadle River, N. J.

Glass, large stock and good prices. Sharp, Partridge & Co., Chicago.

Wired toothpicks, 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Greenhouse boilers. Kroeschell Bros Co., 452 W. Erie St., Chicago.

Emergency pipe clamps. M. B. Skinner & Co., 560 W. Washington St., Chicago.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

GREENHOUSE INSURANCE.

Cyclone and hail insurance; also insurance on growing crops while in the fields. The American Mutual Cyclone and Hail Insurance Co., Muncie, Ind.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Pecky Cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

INSECTICIDES.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Alpine, \$1 per qt.; \$2.50 per gal. Fungine 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nikoteen, for spring spraying: Aphis Punk, for fumigating. Nicotine Mfg. Co., St. Louis.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset flower, vegetable waterproof paper pots. Vaughan's Seed Store, Chicago and New York.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kohr, 2934-36 N. Leavitt St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.
Mend your split carnations. Finest article for carnation growers introduced so far, 35c for 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE.
38-40 Broadway, Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

STAKES.

Rose stakes, extra stiff, No. 9 galvanized wire, 4 ft., \$1.90 per 1,000. Carnation supports. \$18 per 1,000 plants. The Carnation Support Co., Connersville, Ind.

Cane Stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

WIRE WORK.

Florists' wire designs and fancy wire lamp shades. **NORTHWESTERN WIRE WORKS**, 223 13th Ave., N. E., Minneapolis, Minn.



FREE

This Fine
Budding Knife

For 2 New
Subscriptions.

American Florist Co.
440 S. Dearborn St., CHICAGO

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Badgley & Bishop, Inc., New York.
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Berning, H. G., St. Louis, Mo.
Budlong, J. A., Chicago.
Chicago Flower Growers' Ass'n., Chicago.
Coan, J. J., New York.
Coyle, James, New York.
Crawbuck Co., George W., New York.
Erne & Klingel, Chicago.
Ford, M. C., New York.
Ford, William P., New York.
Froment, H. E., New York.
Goldstein & Futterman, N. Y.
Gunterberg, M. C., Chicago.
Guttman & Raynor, Inc., New York.
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Kuehn, C. A., St. Louis, Mo.
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Kusik & Co., H., Kansas City, Mo.
Kyle & Foerster, Chicago.
McCallum Co., Pittsburgh, Pa.
Meconi, Paul, New York.
Miller & Musser, Chicago.
Montreal Floral Exchange, Ltd., Montreal, P. Q.
Hentz & Nash, Inc., New York.
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Pierson, A. N., Inc., Cromwell, Conn.
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Pollworth Co., C. C., Milwaukee, Wis.
Polykranas, Geo. J., New York.
Pyfer & Co., A. T., Chicago.
Randall Co., A. L., Chicago.
Reid, Edward, Philadelphia, Pa.
Reinberg, Geo., Chicago.
Reinberg, Peter, Chicago.
Rice Bros., Minneapolis, Minn.
Riedel & Meyer, Inc., New York.
Rusch & Co., Gust., Milwaukee, Wis.
Sheridan, W. F., New York.
Siebrecht, Geo. C., New York.
Thompson Carnation Co., J. D., Joliet, Ill.
Tonner, O. A. & L. A., Chicago.
Totty, Chas. H., Madison, N. J.
Traendly & Schenck, New York.
United Cut Flower Co., New York.
Vaughan, A. L., & Co., Chicago.
Weiland & Risch, Chicago.
Weiss, Herman, New York.
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Welch, Patrick, Boston, Mass.
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Will an old Spence No. 30 hot water greenhouse boiler with a 20-inch grate, heat a greenhouse 15x35 feet and a proposed wooden building 24x24 feet across the south end? There are two benches running lengthwise of the house. Two 1½-inch flow pipes run up hill the length of the house, the rise being two inches in 35 feet, with two return coils of four runs of 1¼-inch pipe, one under each bench, lying flat upon cross pieces about 16 inches below the bottom of the benches. I cannot keep the house warm in winter and I desire to change the system to run the coils through the house and the addition and heat both buildings, the combined length being 59 feet. Will the old Spence boiler have sufficient capacity to not only heat both houses, but also make them warmer than it is now possible to do in the greenhouse alone? Will 2-inch flow pipes be large enough? I wish to put in two coils of 1½-inch pipe, using eight runs on each side instead of four as I now have in the greenhouse, meaning four times as many lineal feet in the proposed system as in the present one. Would you advise running the flow pipes up hill or down from the boiler at the south end and may these be placed to as good advantage along and under the gutter plate as under the ridge? I plan to have the side coils on the wall instead of flat under the benches. The house is used for carnations, bedding plants and mushrooms. A. J. Y.

Indiana.

While the Spence heater will heat the greenhouse to a temperature suitable for carnations and provide for the same number of pipes on the walls of the new wooden addition, it would not handle a coil of eight 1½-inch pipes upon each wall as proposed, nor would we expect to get the best results from a coil of eight 1½-inch pipes supplied by a 2-inch flow pipe. There is no particular objection to running the flow pipes around on the walls, although the circulation would be better if run under the ridge of the greenhouse. Our method of piping the two houses would be to run two 2½-inch flow pipes and connect each of them with three 2-inch returns placed on the walls of the wooden structure and the greenhouse. Although this provides but little more radiation than is now in the greenhouse, we are confident it will be far more efficient, provided the flow pipe is run down hill. L. R. T.

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Horticultural Society of New York.

An exhibition under the auspices of the Horticultural Society of New York was held in the Museum building, New York Botanical Garden, in co-operation with the garden, August 19-20. While the number of exhibitors was limited, good stock, largely in gladioli, was shown, noteworthy exhibits being staged by Bobbink & Atkins, Rutherford, N. J.; John Lewis Childs, Inc., Flowerfield, N. Y.; T. A. Havemeyer (A. Labodny, Gr.); Mrs. H. Darlington, Mamaroneck, N. Y.; (P. W. Popp, Gr.); Mrs. F. A. Constable, Mamaroneck, (James Stuart, Gr.). The judges were Patrick O'Mara, John Canning and William Becker, the latter being on the staff of the botanical garden. The awards were as follows:

Largest and best collection of named varieties, correctly labeled—T. A. Havemeyer, 1st; John Lewis Childs, Inc., 2nd.

Best 12 varieties, three spikes of each, correctly labeled—T. A. Havemeyer, 1st; John Lewis Childs, Inc., 2nd.

Best vase of any white variety—T. A. Havemeyer, 1st; John Lewis Childs, Inc., 2nd.

Best vase of any pink variety, 25 spikes—T. A. Havemeyer, 1st; John Florist 13p Aug 22 Vor Fifteen Lewis Childs, Inc., 2nd.

Best vase of any red variety—John Lewis Childs, Inc., 1st.

Best center piece for table—P. W. Popp, 1st.

In the classes for non-commercial growers, the honors went to P. W. Popp and J. P. Sorenson, gardener for Wm. Shillaber, Essex Falls, N. J.

James Stuart was awarded a special prize for collection of perennials, also Bobbink & Atkins, in whose display were remarkably large flowers of hibuscus. A. F. F.

Girl Florist Makes Hit on Stage.

Miss Wanda Lyons, who recently opened an engagement in "A World of Pleasure" at the Palace Music hall, is the greatest living exponent of how to capitalize an ability to look "fresh and wholesome." Just one year ago this month she was working for \$6 a week in a flower store in Salt Lake City, her home. Then Margaret Whitney, who writes songs and vaudeville skits, enticed her to sing "Dearie Girl" in a skit that was to be "tried on the dog." When the act really started in Portland, Ore., Wanda Lyons still sang "Dearie Girl," but for \$40 a week. Then a Ziegfeld scout saw her and she was offered a berth with "The Follies", but before she started east the Al Jolson show arrived in Portland, with a vacancy where Lucy Weston had played. Wanda Lyons



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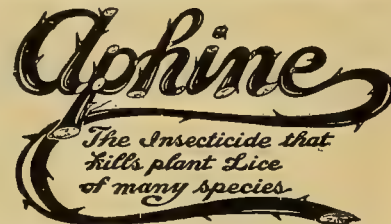
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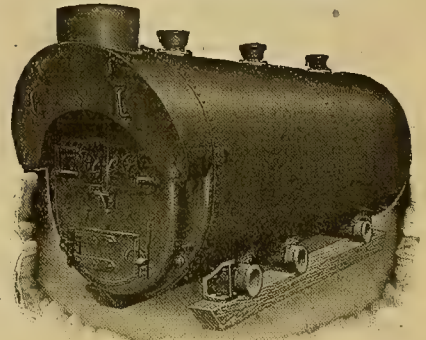
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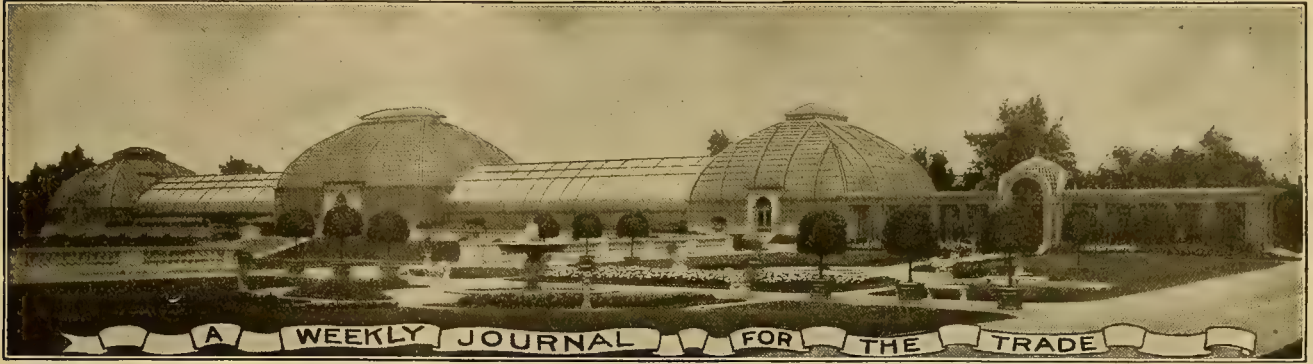
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CHICAGO

THE AMERICAN FLORIST



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Vol. XLVII.

CHICAGO AND NEW YORK, SEPTEMBER 2, 1916.

No. 1474

THE AMERICAN FLORIST

ESTABLISHED 1885.

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SUGGESTIONS FOR PLANT GROWERS.

Sweet Peas.

The early sown sweet peas will soon need some support, and the plan most generally adopted by growers with peas inside is to pass strings around the plants fastened to stakes at each end of the row. If the rows are lengthwise of the bench stakes to which the strings may be fastened will have to be arranged about every ten feet. As soon as the plants have attained a height of six inches the first string should be tied on and strings should be added every six to eight inches as the plants grow taller. The plants must be kept growing straight throughout their culture, so they must have strings quite close together for their twining arms to catch upon, and if when the plants are in bloom they are not kept tied up a large number of the flowers will have crooked stems. Care must yet be taken with the watering and until the plants show active growth, they should receive but little water, being kept on the dry side. If allowed to be too wet, stem rot will result and the plant will die. If sweet peas are to follow the early chrysanthemums the seed can now be sown. Three or four seeds in a 4-inch pot will be right for this time, for they will have to grow in the pots about six weeks, the middle of November being about as early as the chrysanthemums can be cleaned out and the beds made ready. Careful watering will be the watchword for the young seeds and do not thin out too early. Wait until the plants are in good growing condition, when they can be thinned out to one plant in a pot.

Anemones and Ranunculus.

The grower desirous of having something out of the ordinary in early spring should grow a few anemones and ranunculus. The bulbs are inexpensive and will help to increase the variety at a time when the flower users are looking for something that they have not seen all winter. No doubt failure in starting these bulbs has caused many growers to give up the

attempt of their culture, but if once understood they are as easily grown as any other of the bulbous flowers. The bulbs should be planted in flats close together and covered with about half an inch of soil and then placed under a bench in a cool house. Under no circumstances water the soil or place them where water will drip upon them, for if they become wet they will surely rot. Place papers over the flats to prevent evaporation and in about three weeks the bulbs will throw out roots and the tops start. They can then be placed in pans or in the benches and grown as any other bulbs are handled.

Cyclamens.

In order to have nice large plants of cyclamens for another year, now is the time to sow the seed. This can be deferred until later and the seed planted at any time until the first of the year, yet it is much better to start them early and obtain a nice well-foliaged plant full of bloom in a 6-inch or 7-inch pot than a smaller plant with but a few blooms and flowers, which is sure to be the result with the later sown seed. Soak the seed for about 24 hours in tepid water and place the receptacle in a warm place, and plant in flats about one-half to three-quarters of an inch apart and there will be need for but little further labor until later in the winter. Be sure and have a light porous soil with a good proportion of leaf mold. The plants that are to be in bloom for Christmas should now be making good growth and be in the blooming pots. Any buds that show up at this time should be removed. Give the plants plenty of room and leave them from now on in full sunlight and in a cool, well-ventilated house. A sharp lookout for aphids must be kept up and regular fumigation continued. The plants for late winter and spring blooming can be kept out in the frames as long as safe from frost and then placed in cool quarters until time to give them more heat, which will depend upon the time they are wanted in bloom.

Pansies.

The pansies for early spring trade should be placed in the frames that they may become established before freezing weather commences. Make the soil good and rich. It is the plants with large flowers in the spring that find the quick sales and these cannot be obtained in poor soil. Set the plants about five inches apart and water well after planting. Keep those of a kind together and plant all the mixed lots adjoining. There is more time wasted in the retail selling of pansies than any other flower, traveling back and forth over a mixed bed trying to pick out a nice assortment. This is especially so with some customers and in setting out the plants try to prevent this as much as possible. When freezing weather comes cover the frames with sashes which will prevent the snow from lying too heavily upon the plants and also much freezing and thawing. If frozen for months and covered with sash no harm will be done, but if a warm spell should come on, the sashes should be raised to allow ventilation.

Fall Propagation.

There are many of the plants used for bedding purposes that are better propagated in the fall, for cuttings are more readily obtained, root easily and allow time for the growing of good stock. Ivy geraniums, to have fine plants in the spring, are much better propagated at that time. Vincas for the spring sales propagated in September make fine plants by the first of May. The long shoots can be cut up to two eyes each and they will root in three or four weeks, then potted in 2½-inch pots and kept cool until February, when they should be potted into 4-inch pots and grown along the sides of the beds or benches. Abutilons should be handled in a similar manner. The tender tips should be used for the cuttings, and these should be kept well watered and shaded until roots are formed, when they can be potted and kept cool until towards spring. The pelargoniums that were cut back and dried off in August should now be made into cuttings and should be taken and placed in the cutting bench. There are also many plants that the stock should be looked out for at this time and a few plants lifted and housed before frost. Many growers prefer to raise their salvias from cuttings and in this case a few plants can be potted and grown on. Any extra good double petunias should be lifted. Pyrethrum or feverfew, coleus and the other soft wooded plants should be selected and potted that they may become established before cool weather.

Begonia Glorie De Lorraine.

The plants of Begonia Glorie de Lorraine should now be making active growth, the bud shoots starting and the plants taking on shape. The earlier struck cuttings will now be fine plants in five and six-inch pots and will need a center stake to keep them erect. It is yet too early to tie the plants into shape, but if any of the branches are long enough to hang over the edge of the pot, they should receive some support. These branches hanging over the edge of the pot are in the way when watering and if the leaves get wet, it takes some time for

them to dry off and many will become spotted, and besides the branches grow cooked and are much harder to tie into place later on when this will have to be done. Keep the plants in a good warm house from this on until the buds begin to show color, when they can be placed in cooler quarters, but do not keep the house too close. Give a little ventilation every day possible. If kept too close and moist some of the foliage will spot and be ruined. Constant light fumigations will be necessary to keep down the green aphids. These plants do not like heavy fumigation but light fumigation carried on frequently will keep the vermin in check and not damage the plants. These insects must be conquered before the plants begin to bloom or they will cover the young blooming shoots completely.

Dahlias.

As the cool nights approach it pays to make preparation to cover the best varieties and protect them from the early frosts. Generally the first frosts are followed by two or three weeks of pleasant warm weather, when flowers are more or less scarce, the outside stock being cut down and the greenhouse stock not being yet in full crop, and a supply of dahlias is a great boon at such a time. See that the plants are properly labeled so when it comes to lifting time there

will be no mistakes made. A good large label placed beside each root with the correct name is essential in growing this crop. This label can be tied on to the root when the clumps are lifted and all danger of misnaming be obviated. Keep the plants securely tied to the stakes so that the high winds which are prevalent in the fall cannot break the plants down or the branches off.

Violets.

The single violets should be planted in the houses now as soon as the beds are ready. In lifting the plants in the field try to get a good ball of earth with the roots and avoid as much as possible the roots becoming dry. These roots are very soft and succulent and if they become too dry new roots will have to form and it will take some time for the plants to become established in their new quarters. The better way is not to try to handle too many plants at a time, but to lift a few and plant them out at once. When the plants are lifted, all the runners should be removed and the plants as soon as set should be well watered. They should then be shaded during the warm days, the length of time necessarily depending upon how quickly they will take hold in the new soil. Give the plants all the air possible but avoid draughts if possible until they begin to show growth.



SMALL DEBUTANTE BASKET.

Shawyer Roses and Blue Lupines.

THE RETAIL TRADE

Conducted by Robt. Klft, Philadelphia, Pa.

Addresses of the Help.

In these days of scarcity of labor, particularly of errand boys and more or less changes taking place, it is important that the house address and the nearest telephone number should always be on the employes address and telephone list. We will wager that not half the stores keep such a record up to date. Frequently, quite important orders are taken after hours, or boys are at times away with "homers" before regular closing hours. To be able to reach them by telephone is a great convenience and an added facility to the business that is well worth while.

Autumn Leaves.

Selected branches of autumn leaves serve many purposes in the flower shop—they are a most important aid to the decorator, who by their use, can get effects that are not possible with any other foliage. This is particularly true, when, in the fall, they take on their most brilliant hues. All the fall flowers combine well with them, such as dahlias, the wayside asters, tritomas, hydrangea heads, golden glow, golden-rod and the whole range of chrysanthemums. Even the plain green oak leaf branches are useful and effective for backing large sprays, for making canopies or in decorative backgrounds in connection with palms.

Very pretty wreaths can be made of the green oak leaves, which, when decorated with sprays of flowers, are quite satisfactory. Some of the evergreens are also very decorative and useful in floral work. Pine and cedar boughs will keep a long time after their summer growth has ripened and set. Some of the wood pines have long needles and arrange very artistically with baskets of cut flowers. When set with cones they have an added beauty for certain lines of decorative effects. To give a finish to a box of cut flowers, a small branch of choice foliage, with a flower or two tied on top, is well worth while.

When the oak branches begin to take on their brilliant hues in the fall, a splendid decorative effect can be made in the store by a judicious use of selected stock; they should be used liberally (not crowded too much together) but arranged so as to look as natural as possible, so that the interior is turned into a veritable woods. The branches should all stand in water where they will keep so much better in the comparative warmth and dryer atmosphere of the store. For years J. H. Small & Sons, of Washington and New York have made this a feature in their store decorations of early October. K.

DETROIT, MICH.—Philip Breitmeyer, who with Mrs. Breitmeyer, has been visiting their daughter in Montana for six weeks, has returned and reports a delightful time with ideal weather.

ST. LOUIS, MO.—The committee in charge of the flower show which will be held in this city in March, 1917, will incorporate as the St. Louis Flower Show Association. W. W. Oehweiler is secretary of the organization.



WICKER VASE WITH RAISED MASTIC ROSES.

Filled for Debutante.

Bulb Show in London.

What might be called the first step toward tangible tariff reform in England was taken, August 1, by the Royal Horticultural Society, which inaugurated a show of "dry" bulbs—the word "dry" being an amateurish way of saying dormant. The main object of the exhibition was to show and to prove that it was quite possible to produce bulbs quite as fine, as large and as well ripened in many parts of the British Islands as it was in Holland. And in the main the object may be said to have been attained. The number of exhibits, however, were so comparatively small, and were so obviously tabled on a purely amateur basis, that it would be perhaps unwise, or at least premature to say that from a trade point of view the show was an unqualified success. The leading market varieties of tulips were conspicuous by their absence, although those largely grown in private and public gardens were well to the front,

but only in small quantities that did not put a severe strain upon the resources of the exhibitors. There is a vast difference between showing 20 to 30 fine bulbs of a variety, and being able to supply 20,000 to 50,000 of the same sample to the commercial grower, and I think this particular aspect of the case impressed itself very much on the trade growers who were present. Judging from the specimens staged there can be no doubt whatever that magnificent bulbs of tulips can be grown in places like Lincolnshire and Cambridgeshire, the Channel Islands and probably in most parts of Ireland. The bulbs were huge and well ripened, but it may be doubted whether one could obtain similar samples in great bulk—and that, after all is the crucial test from a national point of view.

So far as daffodils are concerned, the trade in these bulbs is now pretty well established in the British Islands, and it is a well-known fact that hun-

dreds of thousands of certain varieties are sold to the Dutch growers every year to be sold back again to British and American buyers. There are very few places in England and Ireland where daffodils cannot be as well grown as in Holland, and the trade in this respect may be considered to be absolutely safe.

This point, as I have already hinted is not proved in regard to tulips yet, and it will be necessary to have a show of British grown tulip bulbs on a large scale—in thousands instead of dozens—to emphasize the matter.

In regard to hyacinths, it looks as if the Dutch growers may sleep in peace. There was only one exhibit of these bulbs from a small London garden to "prove," as the exhibitor said, that even hyacinths could be grown in England. Unfortunately the exhibitor (who was an amateur) did not know what a good hyacinth bulb should be like, and his exhibit, if it proved anything, proved that hyacinth growing as a commercial undertaking was at present beyond the scope of the British climate. When that is changed there may be a chance of doing hyacinths on a large scale. If there had been any chance of success the growers from the Spalding and Wisbech districts would no doubt have staged as fine bulbs of hyacinths as they did of tulips and daffodils.

Now that a start has been made, it is possible that on a future occasion the exhibition of British grown bulbs may be on a larger scale—and one that will prove whether it is possible to make their cultivation a commercial success.

In addition to the tulips and daffodils many other genera were represented and gave the public an excellent idea of the great variety of plants that come under the heading of "bulbous." The curious shapes of many were no doubt a revelation, even to those who know the plants well by the blossoms.

W.

Wm. F. Kasting Co., Buffalo, N. Y.

Wm. F. Kasting Co., well-known wholesale florists of Buffalo, N. Y., will move from its present temporary location at 491 Washington street, and will be ready for business, September 4, in new quarters at 568-570 Washington street. The new building, modern in every respect, has four floors, each 50 x 90 feet, with basement, giving a total of 22,500 feet of floor space. It is equipped with both passenger and freight elevators and an up-to-date refrigerating plant is being installed, together with other improvements which will make the firm's new headquarters one of the best equipped establishments of its kind in the country, with facilities to care for its present large business, and to meet the requirements of future growth, it being the intention of the company to add to its line everything requisite to the florist trade.

E. C. Brucker and W. H. Eiss, both widely and favorably known in the trade, will be in charge of the business, the former having been associated with the late Wm. F. Kasting for 17 years, while the latter has been identified with the firm for 10 years.

SWAMPSCOTT, MASS.—H. C. Blaney has opened a flower shop on Humphrey street.

Pansies.

There is not another plant that retains its popularity to such an extent as the pansy, the demand each spring being greater than the previous one. It is the first plant called for at the opening of the season, and when in good condition will always sell. The pansy is not a hot weather flower, and its season of flowering is at its best during April, May and June.

Two different sowings of seed and methods of culture are followed out to supply the plants, so that they will



Croton Reidii.
One of the Robt. Craig Co.'s Specialties.

be in good bloom early in the season and extend as far into the summer as the weather will permit. The plants for the early part of the season are fall transplanted and carried over winter in cold frames. Those for the latter part of the season are winter sown in the greenhouse, transplanted in flats, and as soon as the weather will allow, retransplanted in the cold frames.

The time of sowing the seed for fall transplanting is now at hand. Seed sown during August will furnish plants ready for transplanting the latter part of September. The pansy is one of those hardy growing plants that delight in common sense culture, and rebels at any coddling; this applies not only to the mature plant, but to the sowing of the seed and the young seedlings. The best place to sow the seed is outdoors in the frame. The first thing in preparation is to divide off part of a frame to the required size; then get together a fine, open, light soil that does not contain any great amount of animal manure or vegetable matter. Fill in the soil about six inches deep in the frame, then firm it down, arranging the bed so that it slopes with the frame in case of heavy rains; the water will then drain away better. It is important that the surface of the bed be made even to guard against one part of it becoming more wet than

another. Sow the seed evenly, but not too thick, because there is great danger of fungus and damping off starting when the young seedlings come up crowded together. Cover the seed evenly with a fine sifted soil, pressing it down firmly, after which give the bed a good watering through a fine rose sprinkler and then arrange for a shading for the seed bed. The best thing we have found for this purpose is thin muslin, tacked on wooden frames the size of the ordinary hot bed sash. These can be easily taken off at any time when it is necessary to attend to the beds. As soon as the young seedlings commence to come up, the shades should be removed entirely. It is best at first to remove them late in the day, leaving them off all night and putting them on again during the heat of the next day. By following this up for two or three days the young plants become hardened to the heat and air.

As soon as the young seedlings have made sufficient size to be handled safely, they should be transplanted into their permanent winter quarters, which should be a well made frame so situated that there will not be any danger of the beds being flooded by water and frozen in with ice. To prepare the beds use a fine soil, lightened up with well rotted manure. This should be well firmed down before planting the plants. The plants should be planted about three inches apart each way, and given a good watering in at time of planting, after which they should receive attention as they need it as regards watering and clearing the beds of weeds. After the plants have become established the weather at this time of the year is usually such that they will need very little care until it comes time to put on the sash. Do not be in a hurry to put on the sash; it is best to let the ground be frozen up a bit before putting it on. In the middle west we generally put the sash on the frames about November 15, and the sash is the only covering used.

C. W. JOHNSON.

Aster Lice.

ED. AMERICAN FLORIST:

Nearly all my asters have been killed this year and they seem to have been destroyed by a sort of plant louse that covered the stem near the ground. Can you give me any idea as to how to combat this another year? Should the soil be treated with anything in the fall to prevent the reappearance of the lice another year? It may be that the eggs of the lice were brought in on the young plants that I brought from a garden near my house as that gardener had been having bad luck with his asters.

J. E. B.

Illinois.

Root lice cause aster plants to have a sickly, wilted, stunted appearance. Upon pulling up the affected plants the roots will be found to be covered with bluish lice. A mulch of tobacco stems, or tobacco dust, applied early in the season will prevent the attacks. Saturating the soil about the roots of the affected plants with freshly made tobacco water will destroy the lice. As root lice live over the winter in the soil it is not safe to plant asters the following year on land where the lice have appeared.

WITH THE GROWERS

Robert Craig Co., Norwood, Pa.

A visit to this famous establishment is always inspiring. The immense ranges filled with plants in great variety and so uniform in quality, present at all times, a display satisfying

any size, it being in so much demand in all sizes. The young stock all comes from the south, where several growers now make a business of finishing rooted cuttings for the trade. Probably the largest collection of dracaenas in the country is to be found here; the canes are from Cuba and Porto Rica, and a bed of these will furnish cuttings for several seasons. Mas-

Craigii and others are seen in the smaller quick-selling sizes up to the made up specimens for the best trade.

Ferns have the Forty-ninth street city houses almost to themselves. *Nephrolepis* are grown by the hundred thousand. The strong growing robusta, the *Bostoniensis*, Teddy Jr., John Wanamaker, or Wanamaker Bos-thousand lots, both of these being in ton fern, which originated here, *Elegantissima* improved, *Todeoides*, *Scholzeli*, *Scottii*, *Smithii* and others are seen, a house full or more to a variety, in sizes from 2½-inch pots to handsome specimens in pans and tubs. Large houses of *Ficus pandurata* and *F. utilis* specimen plants in various sizes, can be called special stock fit to adorn the grandest mansion. Such plants would stand out in any collection. *Areca lutescens*, the most graceful of all the decorative palms, is given several large houses at Norwood, where it is seen in splendid condition. It is a fitting companion to *Cibotium Schiedeii*, the two being the most valuable plants for the house or conservatory that have ever been introduced.

THE CARNATION.

Benching the Plants.

Owing to the terrific heat during the last two weeks, the conditions have been very unfavorable for benching the carnation plants; not only has it been hard on the plants, but also on the men engaged in the work for a temperature of over 100 degrees quickly takes the starch out of both plants and men. When lifting plants under these conditions, it is very important that the sun and heat do not get a chance to dry out the roots; as soon as dug the plants should be set in flats, carried in the shade and watered immediately, then hauled to the greenhouse and planted as soon as possible. Do not neglect the shade on the glass; unless there is a heavy shade on the glass the plants will wilt badly and it will take lots of extra syringing to get them started, causing a humidity which is not good for the plants. It is best to have a little heavier shade on for



CYCLAMENS AT ROBT. CRAIG CO.'S, NORWOOD, PA., IN DECEMBER.

to a marked degree. All the new plants of promise, as they appear, are given a trial, and many of the standard varieties of crotons, dracaenas, ficuses and other valuable plants originated, or were first introduced in this country, from this establishment.

While a great variety is to be found, special attention is given to trade favorites. The cyclamen, being a leader in the flowering section, a stock of 60,000 plants in superb condition occupy four large houses. Rolling curtains of shading cloth afford protection from the sun. Judging from the results, conditions here must be ideal.

Several large houses are devoted to *Begonias La Reine* and *Cincinnati*, which are grown in quantity, many growers being supplied with young stock and later the stores are supplied with finished plants splendidly in flower. All are grown at first from leaf cuttings and later, stock to be flowered in smaller pots for basket work is propagated from cuttings. The poinsettia is a Christmas specialty that is given much attention. About 35,000 cuttings are struck, taken from stock grown inside, which make a faster growth and roots much more easily than the harder wood from plants grown outside. Much of this stock is sold as young plants for growing on, although a large block is flowered in large pots and pans for the store trade. *Otaheite* oranges are done well here; a splendid block of about 5,000 plants in six to eight inch pots, carrying a lot of fruit, filled a large outside frame.

In the ornamental foliage section, there is much to admire. *Pandanus Veitchii* is a staple that is found to be hard to accumulate into a stock of

sangeana, one of the most popular varieties, is planted out in beds from which stout shoots are mossed and furnish strong plants in a short time. *Terminalis* and all the high colored sorts are grown in quantity. *Kelleriana* and *Sanderiana* are seen in ten great demand for basket and fernery filling when the season opens.

This is the home of the croton, the largest collection of staple varieties in the world being seen here. Many fancy collection varieties have been dropped in the past few years, those found most desirable being grown in larger quantities. *Norwood Beauty*, *Reedii*, *Ruby*, with brilliant lines that color up for Christmas, *Queen Victoria*,



DRACÆNAS AT ROBT. CRAIG CO.'S, NORWOOD, PA., IN DECEMBER.

a few days; they hold up better, and root action is much quicker.

About five to seven days after planting examine a plant here and there about the bench to see if root action has started. This can easily be told by the little white rootlets sprouting out from the older roots. When these white rootlets can plainly be seen, it is time for some of the mud shading to be removed from the glass, but only enough of the shade should be removed at first to lighten up the house a bit, leaving the thorough cleaning off to be done after the plants have become more established. The best time for doing this work is late in the afternoon after the intense sun heat of the day is passed. By taking the hose and shooting a good stream of water on to the glass enough of the shade will be removed without any rubbing with a brush.

While it is necessary to furnish shade to the plants until they recover from the transplanting, it is an unnatural condition for carnations; if left on too long the plants will soon begin to make a thin, poor growth, which will take them a long time to grow out of, and every effort should be made to bring about the conditions for the plants to have full light and air. We usually find that when a part of the shade has been removed a week after planting, another week will find the plants in condition to have the glass cleaned entirely. After this is done, they will make a rapid growth, which is only natural for them to do in the fresh, rich soil.

It is very important that the general care of the plants be given the closest attention. The success of the winter's crop depends to a great extent upon the attention given the plants during the next two months. In a very short while after planting, the weeds will make their appearance in the soil and grow rapidly. Clean them out as quickly as they become large enough to handle and keep the surface of the beds open by frequent scratchings.

Watering is one of the principal parts of the work in caring for the plants; it requires daily attention and sometimes oftener; some parts of the beds will dry out quicker than others, consequently, a good deal of picking out the dry spots will have to be done to water properly. Do not let the watering and syringing be done as one—make them two separate parts of the work.

Do not make the mistake of thinking that as soon as the plants are planted inside, the topping of the shoots should stop. Every shoot that can be topped during the coming month, means so much more growth added to the plant. But, it should be borne in mind, that varieties with a grassy growth, similar to the variety, Beacon, will stand closer and later pinching than the varieties of heavier growth, like Rosette.

C. W. JOHNSON.

Dahlia Classification.

A very interesting lecture was given by Prof. Hall, (chairman of nomenclature committee), during the first show of the American Dahlia Society at New York. He took the different types of dahlias and in plain English pointed out their distinguishing characteristics. Prof. Hall is doing some very interesting work concerning the dahlia at the experiment station at Geneva, N. Y., of which he is vice-director. To him the

society is indebted for having prepared the classification scheme which the executive committee adopted and which is here reproduced.

CACTUS DAHLIAS.

A. True, fluted type: Flowers fully double; floral rays ("petals") long, narrow, incurved or twisted, with sharp, divided, or fluted points and with revolute ("rolled back") margins, forming, in the outer florets, a more or less perfect tube for more than half the length of the ray. Typical examples: Snowdon, T. G. Baker, Mrs. Douglas Fleming, J. H. Jackson, H. H. Thomas and Rev. T. W. Jamieson.

B. Hybrid cactus or semi-cactus type: Flowers fully double; floral rays ("petals") short as compared with previous type, broad, flat, recurved or twisted, not sharply pointed, except when tips are divided ("staghorn"), margins only slightly revolute ("rolled back"), and tubes of outer florets, if any, less than half the length of the ray. Typical examples: Master Carl, Perle de Lyon, Flora, Mrs. J. T. Mace, Kalif and Rheinekonig.

DECORATIVE DAHLIAS.

Double flowers, full to center in early season, flat rather than ball-shaped, with broad, flat, somewhat loosely arranged floral rays ("petals") with broad points or rounded tips which are straight or decurved (turned down or back), not incurved, and with margins revolute (rolled back) if rolled at all.

Includes forms like those of Souvenir de Gustave Douzon, Jeanne Charmet, LeGrand Manitou, Delice, Lyndhurst and include Le Colosse, Mrs. Roosevelt, Dreer's White, Grand Duke Alexis or similar forms, which fall into section B of the ball-shaped double dahlias.

BALL-SHAPED DOUBLE DAHLIAS.

A. Show type: Double flowers, globular or ball-shaped rather than broad or flat, full to center, showing regular spiral arrangement of florets; floral rays more or less quilled or with markedly involute (rolled in) margins and rounded tips. (The class called fancy dahlias is not recognized separately in this classification, but is included in this Subsection A.) Typical examples of show dahlias: Arabella, Dorothy Peacock, Gold Medal, John Walker, Colonist and A. D. Livoni.

B. Hybrid show, Giant show or Colossal types: Flowers fully double, broadly hemi-spherical to flatly globular in form, loosely built so spiral arrangement of florets is not immediately evident; floral rays ("petals") broad, heavy, cupped or quilled, with rounded tips and involute (rolled in or forward) margins. Typical examples: Grand Duke Alexis, Cuban Giant, Mrs. Roosevelt, Le Colosse, W. W. Rawson and Golden West.

C. Pompon type: Shape and color may be the same as of A. or B.; but must be made under two inches in diameter. Typical examples: Fairy Queen, Belle of Springfield, Darkest of All, Nerissa, Little Herman and Snow-clad.

PEONY-FLOWERED OR "ART" DAHLIAS.

Semi-double flowers with open center, the inner floral rays ("petals") being usually curled or twisted, the other or outer petals being either flat or more or less irregular. Typical examples: Queen Wilhelmina, Geisha, Hampton Court, Mrs. W. Kerr, P. W. Janssen and Glory of Baarn.

DUPLEX DAHLIAS.

Semi-double flowers, with center always exposed on opening of bud, with petals in more than one row, more than 12, long and flat, or broad and rounded, not noticeably twisted or curled. (Many so-called Peony-flowered dahlias belong here.) Typical examples: Big Chief, Souv. de Franz Listz, Merry Widow, Sensation, Prairie Fire and Hortulanus Budde.

SINGLE DAHLIAS.

Open centered flowers, small to very large, with eight to twelve floral rays ("petals") more or less in one circle, margins often decurved (turned down or back). There are no distinctions as to colors. The type embraces the large Twentieth Century as well as the smaller English varieties. Typical examples: White Century, Golden Century, Scarlet Century, Newport Marvel (of the large flowered forms); with Polly Eccles, Leslie Seale, Danish Cross and Ami Barillet (of the lesser flowered forms).

The Star singles and Cactus Singles are omitted from the present classification scheme as not being sufficiently numerous or well defined yet.

COLLARETTE DAHLIAS.

Open centered blossoms with not more than nine floral rays ("petals"), with one or more smaller rays, usually of a different color, from heart of each ray floret, making a collar about the disk. Typical examples: Maurice Riviere, Souvenir de Chabanne, Diadem, Orphee, Madame Poirier and Albert Maumene.

ANEMONE-FLOWERED DAHLIAS.

Flowers with one row of large floral rays ("petals") like single dahlias, but with each disk flower producing small, tubular petals. Includes such forms as those of Graziella, Mme. Chas. Molin, Claude Barnard and Mme. Pierre Dupont.

OTHER SECTIONS.

Miniature or Pompon Cactus: Small flowered, stellate fine petaled cactus dahlias represented by Tom-Tit, Mary, Nora, Minima, Mignon or Tom Thumb: Dwarf, bushy single flowered dahlias for edging. Typical example: Jules Closson. Bedding dahlias: A taller, more upright type than the Tom Thumb. Typical examples: Barlow's Bedder and Midget Improved. Cockade or Zonal Dahlias: Single or collarette dahlias, with three distinct bands of color about center. Type hardly known in America, but includes such forms as those of Cockade Espagnole.—Bulletin American Dahlia Society.

Fort Wayne, Ind.

Stock of all kinds has been very scarce, due to the extremely dry weather. Asters are very poor and gladioli are the mainstay, although carnations from the young stock are arriving. With the cooler weather of the past week, business has shown a slight improvement.

NOTES.

Miss Rhoda Doswell has returned from a vacation trip of two weeks and reports business at the Doswell Floral Co. picking up considerably.

Among the good stock seen on the market are carnations and asters from the New Haven Floral Co., New Haven, Ind.

Miss Mildred Flick of the Flick Floral Co., has returned from an extended visit at Portland, Me., and Boston, Mass.

Frank J. Knecht & Co. are sending fine Russell roses to this market.

H. K.

Columbus.

ASTER CROP COMPLETE FAILURE.

Asters, which should now be at their prime, are non-existent in florists' stocks. The crop is a total failure, having burned up before maturity. This leaves a big hole in the trade. Gladioli are the mainstay, but the supply is inadequate and the quality poor. Prices are \$1 to \$1.50 a dozen. Field roses are coming in, a favorable change in the weather within the past week having made cuttings better than was expected. Roses of every kind are fairly good stock and of yield sufficient to meet requirements. A few carnations, field bud stock, are seen on display, but they are small and unattractive. By the middle of the month the regular carnation season will be on, but dealers look for scarcity and high prices. The promise of chrysanthemums is good. Two of the large retailers, who will have about 10,000 blooms each, report a thrifty condition for this big fall staple. Central Ohio growers are believed to be much more fortunate than the average in this respect. A limited supply of the Golden Glow that has so far reached florists' shops has been snapped up readily at \$6 per dozen. Business opening events and funeral work have made trade good during the latter part of August.

NOTES.

The first unit in a greenhouse enterprise of considerable importance—according to plans—has just been completed and planted at the suburb of Bexley, on East Main street. It consists of a house 30x125 feet, and is devoted to carnations. The owner, R. E. Myers, is a former railroad man, whose headquarters were Chicago. He will grow exclusively for the wholesale trade.

Rudolph Czish is the new superintendent of the Livingston Seed Company greenhouses. He has been with the company for some years in a less important capacity. Orman Grice, whom he succeeds, and mention of whose resignation was recently made, will engage in the fruit growing business near this city.

The floral display of the Livingston Seed Company at the Ohio Agricultural and Industrial Exposition, this city, August 28-September 1, covers 2,000 square feet. J.

Kansas City, Mo.

COOL WEATHER IMPROVES CONDITIONS.

Top-coat weather has arrived, and the cool days have helped to keep the stock in better shape. There is a plentiful supply in many lines, especially gladioli, which are principally Colorado grown and are very good in quality, although some excellent local stock is to be seen. Asters from both Colorado and California are not plentiful and arrive on the market spasmodically. Lilies are in fair supply and the quality is very good. Of carnations, it may be said that they are seen and that is about all. Roses continue scarce, but the quality is good.

NOTES.

A novelty window display arranged by Arthur Newell was very appropriate for the encampment of the G. A. R., miniature birch bark canoes being filled with cut flowers and plants, red white and blue being the predominant colors. He reports basket trade is showing improvement and funeral work has been good.

Manager Parker, of the Geo. M. Kellogg Flower & Plant Co., has returned from his auto trip delighted with the

enjoyable time he had. As he was on pleasure bent he did not make many calls on the trade en route, but when in Chicago visited the wholesale market.

W. J. Barnes is receiving some very fine local grown gladioli. Business here has been very good, funeral work August 26, being the heaviest for any one day in a long time and the whole force kept very busy.

T. J. Noll & Co. have their new ice box installed and ready for service. Fine gladioli, asters, lilies and a limited number of American Beauties are included in their stock.

Ed. Humfeld will return from his Ozark trip about September 1. Business at his establishment is reported good for the season and the stock is coming along nicely.

Everything is running along nicely at Patrick Larkin's. A fine lot of palms in different sizes were received last week for decorative purposes.

The Wm. L. Rock Flower Co. reports trade up to expectations, with a good call for funeral work. Stock from the greenhouses is coming in slow.

H. Kusik & Co. report trade holding up well. Gladioli, lilies and fancy asters are being handled in quantity.

Visitors: C. Ford, representing A. Herrmann, New York; Frank Farney, of the M. Rice Co., Philadelphia, and Max A. Fierstein, of the Moore Seed Co., also of Philadelphia. E. J. E.

Rochester, N. Y.

GOOD MID-SUMMER BUSINESS.

Although the mainstay of the mid-summer business has been funeral work, trade has been satisfactory considering the season. Asters are more plentiful and the colors are good. Gladioli are also excellent stock, America being the best seller. Some carnations are being cut, but they are very small. Roses are fair, but the supply is limited, with Sunburst, Maryland and Francis Scott Key in the lead. Owing to the hot weather, garden flowers are not plentiful.

NOTES.

Winifred and Ransford Wilson were recent visitors to Niagara Falls and Miss Lillian Wheeler has returned from a short visit at Canandaigua.

Horace J. Head, of H. E. Wilson's, and Chas. Vick, of James Vick's Sons, officiated as judges at the Spencerport flower show, August 23.

The local trade are getting things in readiness for a splendid showing at the exposition to be held here, September 4-8.

Henry Krause and Joseph Carmon, of S. A. Anderson's force, Buffalo, stopped here August 21, vacation bound.

E. C. Armbrust and wife have returned from a two weeks' vacation spent at Fowlerville, N. Y.

Chas. Sharpe of the Rochester Floral Co. has been confined to his home on account of illness.

Chas. Curtis is sending some excellent asters to this market considering the season. CHESTER.

Providence, R. I.

Business during the past week has been inclined to be slow, although there has been a good call for cut flowers. Funeral work has been rather on the quiet side, but the week ended with two busy days. Stock is plentiful.

The Westminster Greenhouses have received a shipment of palms from Belgium.

Macnair's lower store is resplendent with a new tile floor. H. A. T.

OBITUARY.

Charles E. Grunewald.

Charles E. Grunewald, well-known retailer of 924 Madison avenue, New York, committed suicide by shooting himself through the heart, in his store, on the afternoon of August 26. He was a bachelor, and for a number of years has been an invalid, suffering from a complication of diseases.

He slept in the store, and of late has seldom left it. Andrew Eckrich, his faithful clerk, would bring him his meals, which Mrs. Eckrich prepared. When he returned with the lunch on the day mentioned, he found Mr. Grunewald dead on the floor, the revolver beside him. He was 57 years old and came to this country from Hamburg, Germany when quite young. For many years he had a store at 247 Columbus avenue, removing to Madison avenue about three years ago. Doubtless, continued ill health was the cause of his act. He had no relations in this country. His remains were taken in charge by Andrew Eckrich and he was buried in the Lutheran cemetery at Middle Village, L. I. A. F. F.

Mrs. Michael Pisapia.

Mrs. Michael Pisapia, wife of the well-known retailer of 1927 Broadway, New York, died at her home, 124 West 64th street, that city, August 22, aged 50 years. She had been an invalid, suffering from heart disease for two years. She was born in Italy and came to this country with her husband about 30 years ago. Her funeral was held at St. Francis church, August 25, high mass being celebrated. There were many fine floral designs from wholesale and retail florists and other friends and relations. She is survived by her husband, four daughters and three sons, and by other relatives. William Nigro, a salesman for H. E. Froment, is a nephew. A. F. F.

WASHINGTON, N. J.—T. L. Batchelor, considered one of the best propagators in the United States, is now manager at the establishment of Alonzo J. Bryan.

BROOKLYN, N. Y.—Montague Free, head gardener at the Brooklyn Botanical Garden, and Miss Violet Caroline Thayer, also of this city, were married August 15.

PROVIDENCE, R. I.—John Marshall, proprietor of the Fruit Hill Greenhouses, is making improvements in his heating system and installing new cement beds.

SYRACUSE, N. Y.—Prof. David Lumsden, in charge of the floral displays at the state fair, anticipates a record breaking exhibition this year. Many improvements over the arrangements of former years are planned.

TOPEKA, KAN.—Fire, which started in the boiler house at the range of Ed. Bass, August 17, resulted in the destruction of the establishment as well his residence and other buildings. The loss is about \$15,000, half of which is covered by insurance.

CLEVELAND, O.—The Lakewood Garden Club has asked for 100 square feet of space at the Industrial exposition and fair, September 2-9, and will make a display of outdoor flowers. Private gardeners in this vicinity are to feature decorated tables, September 7, and on other days the florists of this city will show table arrangements, bridal bouquets, baskets, etc.

THE AMERICAN FLORIST

ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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TINFOIL has advanced 50 cents.

"WASTE Land and Wasted Land on Farms" is the title of Farmers' Bulletin 745, issued by the United States department of agriculture, treating of the waste areas that may be made profitable for tilling, pastures or the production of timber.

Personal.

Prof. C. S. Sargent, of the Arnold Arboretum, Boston, Mass., visited Lake Forest, Ill., and Lake Geneva, Wis., as the guest of C. L. Hutchinson, last week, later proceeding to the north woods through Wisconsin and Michigan.

Dr. David Fairchild, of the Bureau of Plant Industry, Washington, D. C., is making a tour of the lake region examining plants sent there on trial by the department.

Florists' Telegraph Delivery.

In acknowledging my worthy successor, W. F. Gude, of Washington, D. C., as president of the Florists' Telegraph Delivery, I feel that there are some statements pertinent to this organization due the members and past officials.

It has been my pleasure to see this organization grow from nothing to 360 members, consisting mainly of the best retailers in the country; also, to have seen this organization advanced from \$300 in arrears in the guarantee fund to approximately \$6,000 gross balance. The annual business transacted by the members of this organization is estimated at well over \$1,000,000 per year. This wonderful growth has been due in part to the untiring efforts of several of the members, particularly Philip Breitmeyer, Detroit, Mich., Paul Schulz, Louisville, Ky., Geo. Stumpp, New York, W. J. Smyth, Chicago, W. J. Palmer, Buffalo, N. Y., and numerous others. The officers and directors of the association have worked untiringly and have given their time and money to promote this organization's welfare. There has never been a misunderstanding among any of them, and on the whole, progress has been one of harmony and general upbuilding. I wish to pay particular tribute to the untiring efforts of Secretary Pochelon and Treasurer W. L. Rock, whose work is scarcely appreciated as yet. The adjourned meeting in Chicago, October 11-12, will undoubtedly be well attended and a source of much benefit to the entire trade and plans are under way which will be of decided value in the sale and promotion of flowers throughout the country.

I wish again to thank all those who have been instrumental in the success of the Florists' Telegraph Delivery not forgetting the trade press.

IRWIN BERTERMANN,
Past President.

Indianapolis, Ind., August 28, 1916.

Rose Diseases.

TO THE GROWERS OF ROSES.

This is to inform you that members of the American Rose Society have been raising money to co-operate in employing a trained plant pathologist to investigate diseases of roses. Sufficient money has now been obtained to assure this work, which is already under way. Doctor L. M. Massey of the New York State College of Agriculture, Cornell University, Ithaca, is conducting the investigations. It is hoped that all growers of roses will now take advantage of this arrangement, not only to obtain what little information there is already at hand, but to co-operate in ways which will be suggested from time to time. Through co-operation with Doctor Massey, the growers will greatly increase the efficiency of the investigation and obtain the greatest returns from their investment.

First of all it seems desirable to make a rose disease survey such as will acquaint us with the various diseases, together with their range and the extent of injury caused by them in this country. In order that this survey may reach its maximum efficiency, it will be necessary for the growers to co-operate by sending speci-

mens of diseased plants. Franked tags will be supplied on request. It is hoped that each grower will interest himself in this work sufficiently to collect and send diseased material together with a brief statement regarding varieties affected, nature and extent of injury, time of appearance of the disease, and other points of interest which may have been noticed. Acknowledgment of receipt of material will be made and such information as is available in the line of control will be given. Many growers will be visited, but it is hardly necessary to say that it will be impossible to visit all.

The material sent should be freshly collected and should show various stages in the development of the disease. Where roots are sent it will usually be undesirable to enclose any soil. Where convenient, specimens should be mailed so as to reach Ithaca the latter part of the week. Doctor Massey may be away from the city during the early part of the week and the material should receive immediate attention upon its arrival.

Place leaves, buds, etc., between the leaves of an old newspaper, a few between each two sheets. Then roll into a tight bundle, wrap in stout paper. Tie well, attach one of the franked tags on which you have written your name, address and mail. It will go postage free.

H. H. WHETZEL,
Cornell University, Ithaca, N. Y.

Society of American Florists.

EXECUTIVE BOARD RECOMMENDATION.

The executive board in session at Houston, Tex., August 17, passed the following recommendation:

"Recommending the changing of the convention date providing the national flower show is held in the spring of 1918 in St. Louis, Mo. Definite action on this recommendation to be taken at the Mid-Lent meeting of the executive board to be held in New York."

JOHN YOUNG, Sec'y.

Galveston to New York.

Benjamin and Mrs. Hammond and niece, Beacon, N. Y., and August and Mrs. Lange and Miss Gunterberg, Chicago, returning from the convention made the trip from Galveston to New York by water, and they say it was most enjoyable. Miss Gunterberg stopped off on the way from New York to Chicago and expects to reach home before the railroad men go on strike.

New York Spring Show.

The dates of the spring show to be held in the Grand Central Palace, New York, under the auspices of the Horticultural Society of New York and the New York Florists' Club are March 15-22, 1917, instead of March 16-23, as erroneously stated in the first preliminary schedule.

JOHN YOUNG, Sec'y.

Important to Subscribers.

The date on the yellow address label on your copy of THE AMERICAN FLORIST will show when your subscription expires. Please renew subscriptions promptly on expiration to make certain of receiving your copy of each issue.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.
For Plant Ads., See Ready Reference Section.
 Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Gardener on private place, good designer, married, address,
 Key F, care American Florist.

Situation Wanted—By young lady, 5½ years experience in store and design work.
 Key 676, care American Florist.

Situation Wanted—By a competent gardener and florist, scientific and practical experience in greenhouse management and care of grounds, prefer place as head gardener or superintendent of grounds. Key 666, care American Florist.

Situation Wanted—Young American, 23 years old, four years' experience in growing and gardening, wishes to locate with private place. No quitter. Best references, give particulars in full. Address
 Key 664, care American Florist.

Situation Wanted—As gardener or foreman by married man, age 31; life experience in Europe and U. S. Experienced greenhouseman. Only A1 private place desired. Address
 GARDENER, 915 Sheridan Road,
 Hubbard Woods, Ill.

Situation Wanted—Storeman, thoroughly capable in all branches, with ten years' of Eastern experience, wishes an opening by Sept. 1st. Make my own sketches for decorations. Can come well recommended. Address
 Key 669, care American Florist.

Help Wanted—A man for putty bulbing my entire place, at once; by day or contract.
 WM. DITTMAN, New Castle, Ind.

Help Wanted—A first-class carnation grower. Apply, stating wages and experience, to
 MILLER & SONS, Lauder Ave., Toronto, Ont.

Help Wanted—American Beauty rose grower to take charge of section. Good wages to the right man. Apply at
 POEHLMANN BROS. Co., Morton Grove, Ill.

Help Wanted—Good reliable traveling salesman for market garden and retail trade. Steady employment. Give full particulars as to experience and territory. Salary and references.
 J. F. NOLL & Co., 115 Mulberry St.,
 Newark, N. J.

For Sale Cheap—Glass and all kinds of greenhouse material. Going out of business. Address
 838 31st St., Milwaukee, Wis.

Milwaukee Greenhouses For Sale at a Bargain—10,000 feet of glass; first-class condition; well stocked; fine location; good business; good reason for selling; easy terms. Address
 Key 674, care American Florist.

For Sale—Flower store; 4 x 8 x 8 plate-mirrored ice box, wall cases, desk, counters, stands, register, stock and plate glass-sided delivery wagon, all for \$300.00; worth double. English, German and Bohemian trade. Address 4134 W. 26th St., Chicago. Tel. Lawndale 4054.

For Sale—½ ton panel top White delivery truck in good condition at a big bargain. Owner who is a Chicago retail florist has two machines of the same make and will give the buyer his choice of either car at a figure that will make him buy. Car can be inspected at your convenience. For further particulars, address
 Key 654, care American Florist.

For Sale—100 boxes 10x12 and 12x12 glass, \$1.50 per box; 75 boxes 8x10 glass, \$1.00 per box; 1 Morehead Steam Trap, \$25; 1 in., 1¼ in. and 2 in. second hand pipe, good condition, 2c, 3c and 5c per foot; 9 Evans Ventilating Machines, including arms and hangers; also a lot of pipe hangers, 1 in. pipe and 2 in. pipe—the whole lot for \$75. FLORIST, 1775 Charles St., Wilmette, Ill.

Greenhouses For Sale or Rent—Three houses, each 30x90, potting shed and room for man. Lord & Burnham construction, iron frames, in excellent repair, hot water heat. Will rent to steady, reliable party for \$30 month, or will sell houses without ground for \$2,000, giving ground lease for ten years.
 J. L. DAY, Swarthmore, Pa.

For Rent—A fine light floor in the wholesale flower district. Has twenty-foot bay window on street.
 DANIEL STEINBERG, 43 W. 28th St., New York.

Wanted to Rent—Twenty to forty thousand feet of glass near Chicago. For further particulars address Key 655, care American Florist.

Expert Gardener

Seeks engagement on first-class private estate near Chicago; good wages expected in return for guaranteed results.

Key 675, care American Florist.

Situation Wanted.

A1 designer, salesman and all-around storeman, capable of managing an up-to-date place. Will have no objection to represent some reliable house on the road, for I know the game from A to Z, and am ready to start work immediately. Married, and have family. For further particulars address

Key 677, care American Florist.

FOR SALE

Three Moninger greenhouses, 27x150 feet, all planted to chrysanthemums and one propagating house, 18x75 feet, planted to Sprenger, all A1 stock. Modern 7-room residence, barn, passenger automobile, delivery truck, etc. The greenhouses were built recently and are located 16 miles from the Chicago wholesale market. Buyer can take immediate possession and will find this to be a big bargain. For further particulars address

Key 671, care American Florist.

Wanted to Exchange

As part payment on small range of greenhouses located near Chicago, will pay retail store located on north side of Chicago; established over 6 years. Address

Key 670, care American Florist.

SITUATION WANTED

By A1 grower as working foreman or grower on retail place, capable of taking charge and handling men. Life experience in roses, carnations, mums, bulbs, Xmas and Easter plants, good propagator, American, single, age 39 years, sober and reliable. State wages and particulars. References furnished.

Key 668, care American Florist.

Mail Order Seed House FOR SALE.

Charles C. Cunningham, Trustee in Bankruptcy for the Mills Seed Company, of Washington, Iowa, offers the real and personal property of the Company at private sale until August 31, 1916, and if unsold then, will sell at public auction August 31, 1916, at 10 a. m.

The property consists of a 3-story brick building 40 x 100 feet with full basement, 2 lots in connection, switching rights, with stock of seeds inventoring \$16,419.35, mailing list, supplies, and full equipment of tools, fixtures, etc.

Excellent opportunity for anyone who wants to buy a going concern. Address the Trustee for full information.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2½x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

The Trade Directory

FLORISTS, SEEDSMEN AND NURSEYMEN

— OF THE —

United States and Canada


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Price: \$3.00, postpaid

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CHICAGO

 You need it now for names and addresses.

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Write for information about the **MAMMOTH AUCTION SALES** that we will hold during the coming Fall Season, of Holland's latest and choicest varieties.

The MacNiff Horticultural Company

52, 54 and 56 Vesey Street The Largest Horticultural Auction Rooms in the World NEW YORK CITY

Milwaukee.

SUPPLY OF GOOD STOCK SHORT.

Market conditions remain much the same as they have been for the past fortnight or longer, the demand for good stock being ahead of the supply. This does not mean that the demand is heavy, though much better than during the same period a year ago, but the supply in general, due to climatic conditions during July, is not up to the standard quality. Carnations are out of the market altogether, and from observations at the different establishments, it will be some time before a general cut will again be in progress.

NOTES.

Wm. Kennedy and C. B. Whitnall were the only members of the florists' club who attended the annual meeting of the Wisconsin State Horticultural Society, held at Lake Geneva, August 22-23. Both, as delegates of the local club, were on the programme for short talks, to which they certainly did justice. Mr. Kennedy, upon request, spoke on greenhouse practice, while Mr. Whitnall chose for his topic, "Sanitary, Physical and Educational Value of Horticulture." Quite a number of the local boys had planned on going, but unforeseen circumstances kept them home. From reports, the meeting all around was a great success, which we are sorry to have missed.

The Mueller Greenhouse Co., at Brown Deer, finished housing their carnation plants last week. Other seasons before this they were always one of the first to say "all done," but they, like all the rest, had to delay operations at times during the extreme hot and dry weather; nevertheless, the stock looks good. Some indoor-grown White Wonder will soon produce nice long stemmed stock.

A. Reinhardt, of North Milwaukee, who added three new up-to-date houses early this spring, already has them looking in fine shape. One contains chrysanthemums, which are exceptionally well grown, while the other two are filled with carnation plants, some of which were planted directly out of small pots.

On Thursday, September 7, the first club meeting for the season 1916-17 will be held at the new meeting place at Kurtz Bros., Eleventh and Prairie streets. Every member ought to make it a point to be there that night and then get the habit of doing so the remainder of the new season.

John G. Heitman, of the Heitman-Oestreich Co., and Nic Zweifel will act as judges in the floricultural class at the Wisconsin state fair, September 11-16, while Arthur Leidiger, of the Edlefsen-Leidiger Co., will fill the position as assistant superintendent in the same class.

Herman Staeps, of Elm Grove, Wis., who purchased a new auto some time ago, had it only a short time, when it was stolen while on a trip to Milwaukee, and it has been a "goner" ever since.

A son was born to Wm. Manke and wife of North Milwaukee last week.

Bay Trees

STANDARD
OR
TREE SHAPED



Stems	Each	Pair
30-in.. Crowns 24-in.....	\$ 7.00	\$13.00
36-in.. " 24-in.....	7.00	13.00
45-in.. " 26-in.....	7.50	14.00
48-in.. " 34-in.....	12.00	22.00
48 in.. " 40-in.....	15.00	28.00
PYRAMID—5 ft. high, 24 in. diameter	8.00	15.00

Boxwood Plants

IN TUBS

	Each	Pair
PYRAMIDS— 2½-ft.....	\$2.00	\$3.75
3-ft.....	2.50	4.50
3½-ft.....	3.50	6.00
BUSH— 24-inch.....	1.25	2.35
30 inch.....	2.75	5.00
36-inch.....	3.75	7.00
STANDARDS—18-20-inch stem, 12-inch ball tops.....	3.00	5.50
12-in. stem, 12-in. crown.....	1.25	2.25
14-15-in. stem, 12-in. crown.....	1.50	2.75
BUSH—Out of tubs—	Doz.	Per 100
10-inch.....	\$3.00	\$22.50
12-inch.....	4.00	30.00
18-inch.....	6.50	45.00

Out of tubs 25c each reduction.

10% discount allowed on Pyramids in lots of 10 or more.
10% discount allowed on Bush shape in lots of 50 or more.

Ampelopsis Veitchi } Per doz., \$ 3.00
3-year, pot grown. } Per 100, 20.00

Fall "Book For Florists" Ready.

**VAUGHAN'S SEED STORE, CHICAGO
NEW YORK**

Extra Fine Field Grown

CARNATION PLANTS

ENCHANTRESS

\$4.00 per 100; \$40.00 per 1000.

PERCY JONES, INC.

WHOLESALE FLORIST

56 East Randolph Street,

CHICAGO

We trust he will also become a carnation specialist in due time.

J. C. Vaughan, Chicago; W. W. Coles, Kokomo, Ind., and Geo. Blackmann, Evansville, Ind., were welcome visitors this week.

The daily press, August 25, announced the marriage license of Leon B. Thorpe, foreman at the Greenwood Carnation Co., North Milwaukee, to Miss Adeline Kiehna.

E. O.

REMARKABLY CONVENIENT

JOHNSON & MILLANG, Inc.

Coogan Bldg., 55-57 W. 26th St., NEW YORK

Plants, Bulbs and Seeds to the Trade.

Auction Sales Every Tuesday and Friday

Start Promptly at 9 a. m.

Grand Opening Sale Sept. 12th.

10,000 Square feet devoted
to Our Auction Business.

Cincinnati.

DEMAND ACTIVE; SUPPLY LIMITED.

The demand for stock is steady and active, while the receipts are rather limited. As a result, the supply in the market is running short of actual needs. Practically everything is selling readily. Gladioli alone are plentiful and make up the bulk of the offerings. Easter lilies are fairly plentiful and have been selling nicely. Astors are very scarce. The late crop has been exceptionally slow. Roses may be had in limited quantities. Some dahlias are now coming in regularly. Other offerings include rubrum lilies, hardy hydrangea and cosmos. Smilax is very scarce.

NOTES.

Al. Horning has returned to this city after a fortnight spent with his folks in Toledo, Ohio.

Peter Herb, of Mt. Wealthy, O., is cutting some excellent Maman Cochet roses.

Eddie Schwarz and wife are spending two weeks at the lakes.

C. E. Crichtell has returned from his trip up state.

Visitors: Miss D. E. Ruch, Shreveport, La.; Milton Alexander, New York; Julius Dilloff, New York, and Ross E. Adgate, Pittsburg, Pa.

H.

Washington, D. C.

PASSING OF SUMMER WELCOMED.

Summer is about over and the local trade are thankful. At present stock is not plentiful. Astors the past week have been scarce, as have gladioli. Roses are getting a little better both in stem and color, and a few good carnations have been seen in some of the stores.

NOTES.

The garage of the Washington Floral Co. was entered on August 24 and the cars stripped of tires and tools. Fred Miller, designer and decorator of this firm, is away on his vacation; also Miss Toogood, who will be seen on the Boardwalk at Atlantic City during the next few weeks.

Fred Kramer's Mock roses are the best cut stock to be had in this city and he finds a ready sale for all of them.

G. C. D.

FOLIAGE PLANTS

They will cost you less money now than later.



ARAUCARIAS.

	100
Excelsa, 3 tiers.....	\$60.00
Excelsa, 4 tiers.....	75.00
Glaucia, 7-inch.....	\$1.25 and \$1.50 each
Robusta, 7-inch.....	1.25 and 1.50 each

PALMS.

Kentia Belmoreana—	
Made-up plants.....	\$4.00 to \$7.50 each
Single plants.....	.15 to 7.50 each
Cocos Weddelliana—	
2-inch pots.....	\$15.00 per 100
3-inch pots.....	20.00 per 100

PALMS—Continued.

Phoenix Roebelenii—	
4 to 10-inch pots.....	.60c to \$10.00 each
Kentia Forsteriana—	
Made-up plants.....	\$3.00 to \$15.00 each
Single plants.....	.15 to 7.50 each
Dracaenas—	
Indivisa, Terminalis, Lord Welsley,	
Fragrans and others.	
Prices on application.	
Crotons, all sizes, all vars.....	.15c to \$10.00 ea.
Ferns, all sizes, all varieties.....	5c to 2.50 ea.

LET US QUOTE YOU ON YOUR REQUIREMENTS.

S. S. PENNOCK-MEEHAN CO.

THE WHOLESALE FLORISTS OF PHILADELPHIA

NEW YORK
117 West 28th Street

BALTIMORE
Franklin and St. Paul Sts.

PHILADELPHIA
1608-1620 Ludlow Street
WASHINGTON
1216 H Street, N. W.

CARNATIONS

F. DORNER & SONS CO.,

Lafayette, - - Indiana

Mention the American Florist when writing

If You are interested in Mid-Winter

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

Mention the American Florist when writing

A. N. Pierson, Inc.

Wholesale Florists

CROMWELL, - CONN.

Mention the American Florist when writing

REX BEGONIAS

Choice collection of mixed sorts. Extra strong plants, ready to retail. 3-in. pots, \$1.00 per doz., \$8.00 per 100. Vinca variegata, 2-in., \$2.00 per 100. S. A. Nutt, 2-in., \$1.65 per 100; \$16.00 per 1000. Satisfaction guaranteed.

ELMER RAWLINGS,

Wholesale Grower

ALLEGANY,

NEW YORK.

The Truth!

Ask the Florists the truth about
They'll tell you that we always kept
faith with our customers. They'll tell
you that we believe in the square deal.

BEAUTIES, RUSSELL, ORCHIDS, ASTERS FULL ASSORTMENT OF ROSES GOLDEN GLOW CHRYSANTHEMUMS

CURRENT PRICE LIST—In Effect Now.

AMERICAN BEAUTIES.	Per doz.
Long	\$3.00 to \$4.00
30-inch	2.50
24-inch	2.00
20-inch	1.50
Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00.	

OPHELIA, RICHMOND, MILADY, SUNBURST,
KILLARNEY BRILLIANT, KILLARNEY,
WHITE KILLARNEY, WARD. Per 100

Long	\$3.00
Medium	\$4.00 to 6.00
Short	3.00

MRS. CHAS. RUSSELL.	Per doz.
36 inches long	\$2.50
30 inches long	2.00
24 inches long	1.50
18 to 20 inches long	1.00
Short	per 100, \$4.00, \$6.00

CECILE BRUNNER AND FIREFLAME.

Cecile Brunner	per 100, \$1.00
Fireflame	per 100, 2.00

ASTERS.	Per 100
Best	\$3.00 to \$4.00
Medium	2.00
Short	1.50

MISCELLANEOUS CUT FLOWERS.	Per doz.
Lilies	\$2.00 to \$3.00
Gladioli	\$2.00 to \$3.00
Chrysanthemums—Golden Glow	per doz., 2.00 to 3.00
Gypsophila	\$1.00 per doz.
CATTLEYAS	per doz., \$4.00, \$5.00, \$6.00 per doz.
VALLEY	

GREEN GOODS.

Mexican Ivy	per doz., 2.00 to 3.00
Smilax	per doz., 2.00 to 3.00
Sprengeri and Asparagus Sprays	per 1,000, 1.00 to 1.50
Adiantum	per 1,000, 1.00 to 1.50
Galax (bronze and green)	per 1,000, 1.00 to 1.50
New flat ferns	per 1,000, 1.00 to 1.50

SUPPLY DEPARTMENT.



Translucent Foliage OAK SPRAYS

Red, Green and Brown. Fine sprays, 3 to 4 feet long.
\$1.50 per dozen; \$10.00 per 100.

White Waxed Cape Flowers
\$4.50 per box of 1000.

Cycas Leaves

16 inches to 40 inches long. \$5.00 per 100.

This is your last chance to get 12 bales of Sphagnum Moss for \$10.00
SO ORDER YOUR SUPPLY RIGHT AWAY.

Ask us for an estimate on your requirements before you place your fall orders.

POEHLMAN

72-74 E. Randolph St.,

Kentias Western Kentias Headquarters

Largest and most complete stock offered in the West, in a healthy, strong and clean condition.

BELMOREANA SINGLE PLANTS.

2½ inch pots, \$1.50 per dozen; \$10.00 per 100;
\$90.00 per 1,000.

Leaves		Each.
4 inch pots	5-6 16-18 inch high.....	\$0.40
\$4.50 per dozen; \$35.00 per 100.		
6 inch pots	6-7 24 inch high.....	1.00
6 inch pots	6-7 28-30 inch high.....	1.50
9 inch tubs	6-7 42-44 heavy.....	5.00
10 inch tubs	6-7 50-54 heavy.....	7.00

Specimen plants, \$60.00-\$75.00.

FORSTERIANA SINGLE PLANTS.

Leaves		Each.
4 inch pots	5-6 18 inch high.....	\$0.40
\$4.50 per dozen; \$35.00 per 100.		
6 inch pots	6-7 28-30 inch high.....	1.00
6 inch pots	6-7 34 inch high.....	1.50
6 inch pots	6-7 34-36 inch high.....	2.00
8 inch tubs	6-7 40-42 inch high.....	3.00
8 inch tubs	6-7 42-46 inch high.....	3.50
8 inch tubs	6-7 50-52 inch high.....	5.00
9 inch tubs	6-7 54 inch heavy.....	6.00
9 inch tubs	6-7 60 inch heavy.....	7.00
10 inch tubs	6-7 5-5½ ft.....	8.00
10 inch tubs	6-7 5½-6 ft.....	12.00
15 inch tubs	6-7 8-8½ ft. heavy.....	40.00
15 inch tubs	6-7 9-10 ft. heavy.....	50.00



FORSTERIANA MADE UP PLANTS.

Plants	Each.
6 inch pots 3 24 inch high.....	\$ 1.50
7 inch tubs 3 30-32 inch high.....	2.50
8 inch tubs 3 38-42 inch high.....	3.50
8 inch tubs 4 48-52 inch high.....	5.00
8 inch tubs 4 52-54 inch high.....	6.00
10 inch tubs 4 54-60 inch high.....	8.00
12 inch tubs 4 60 inch high.....	10.00
12 inch tubs 4 62-66 inch high.....	12.00
12 inch tubs 4 66-70 inch high.....	15.00
15 inch tubs 4 6-6½ ft. heavy.....	25.00
15 inch tubs 4 75-80 in. heavy.....	\$25@30

ARECA LUTESCENS.

Plants	Each.
6 inch pots, 4 plants, 24 inch high.....	\$1.00
8 inch tubs, 3 plants, 40 inch high.....	3.00

ASPIDISTRAS.

5 inch Aspidistra green 10-12 leaves.....	1.00
6 inch Aspidistra green 15-17 leaves.....	1.50
5 inch Aspidistra var. 7 leaves.....	1.00
5 inch Aspidistra var. 10-12 leaves.....	1.50

LIVISTONA ROTUNDIFOLIA.

5 inch pots	\$0.75 each
6 inch pots	1.25 each

PHOENIX ROEBELENTII.

3 inch pots.....	\$3.50 per doz.
6 inch pots	Each.
6 inch pots, 18 inch high, 24 inch spread..	\$2.00
10 inch tubs, 35 inch high, 46 inch spread..	7.50

Grafted and Own Root Rose Plants.

Grafted, 3½-inch Stock.
\$140.00 per 1000.

0 Pink Killarney	600 Old Gold
0 White Killarney	400 Richmond
0 Brilliant	1300 Scott Key
5 Milady	900 Elgar

Grafted, 2½-inch Stock.
\$100.00 per 1000.

500 Pink Killarney	800 Wards
3900 White Killarney	700 Old Gold
3600 Brilliant	200 Elgar

Own Root, 3½-inch Stock.
\$96.70 per 1000.

400 Pink Killarney	300 Elgar
500 White Killarney	1625 Richmond
197 Old Gold	

Own Root, 2½-inch Stock—\$56.70 per 1000.

1500 Pink Killarney

400 Sunburst

1000 Richmond

CALADIUMS

Finest fancy leaved varieties, 35c, 50c, 75c, \$1.00 and \$1.50 each.

Begonia Chatelaine, 2½ in.....	100 \$ 3.50
3 in.	8.00
4 in.	15.00
5 in.	each, 25c
Begonia Lorraine, 2 in.....	10.00
Begonia Lorraine, 2½ in.....	12.00
Coleus Emperor Wilhelm, 3-in..	8c each; 4-in., 15c each.
Crotons—5-inch, 75c per doz; 6-inch, 75c and \$1 each.	

Cyclamen—3 inch, \$8.00 per 100.
Seedlings, \$40.00 per 1,000.

Primulas Grandiflora and Giant strain, only the choicest varieties, summer delivery, 2½ in. \$3.00

Smilax, strong new stock, 2½ in. 2.50
3 in. 6.00

New Pink Snapdragons, 2½-inch pots \$6.00 \$50.00
Stevia, 2½-inch pots 20.00
Boston Ferns, 5-inch, 40 cents each.
Boston and Roosevelt Ferns, 6-in., 75c each; 7-in., \$1.00 each.
Whitmani, 6-in., 75c each.
Table Ferns, 2½-in., \$3.00 per 100.

BOXWOODS

	Each
15-in. in burlap .....	.40
18-in. in burlap .....	.50

N BROS. CO.

Long Distance Phone, **CHICAGO, ILL.**
Randolph 35.

FALL and COOLER WEATHER

have improved the shipping quality of roses. We recommend the following stock—all our own growth—and don't forget that it pays to buy direct from the grower.

NEW BEAUTIES--Very Fine Flowers--Best In This Market. Good Shipping Stock.

Rhea Reid—Best red rose.

Mrs. Russell—Best pink rose.

Sunburst—Best yellow rose.

Double White Killarney—Best white rose.

Ophelia and **Shawyer**—Are also two good pink roses for summer use.

These in addition to the regular varieties of Roses we are receiving in large quantities direct from our greenhouses within a few hours of being cut, enable us to fill all orders with strictly fresh stock. This is the great advantage of buying direct of the grower. Order here.

CURRENT PRICE LIST

American Beauties	Per doz.
Specials, extra long stems.....	\$4.00
30 to 36-inch stems.....	3.00
Medium stems.....	\$1.50 to 2.50
Shorter lengths.....	.75 to 1.00

No very short stem Beauties.

Sunburst--Rhea Reid--Ophelia--Richmond Shawyer--White and Pink Killarney Killarney Brilliant

Long.....	per 100,	\$6.00
Medium.....	"	\$4.00 to 5.00
Short.....	"	3.00

Mrs. Chas. Russell. Per 100

Long.....	\$10.00 to \$12.00
Medium.....	5.00 to 8.00
Short.....	3.00

Cecile Brunner.....per bunch, 25c

Asters at Market Prices.

LILY OF THE VALLEY.....\$5.00 to 6.00

ASPARAGUS SPRAYS and **SPRENGERI**.. 2.00 to 3.00

FERNs, new.....per 100, 20 cents; in lots
of 1000 or more, \$1.50 per 1000.

ADIANTUM.....1.00

GALAX, bronze and green...per 1000, \$1.25 to \$1.50

ROSES, our selection, in lots of 500 or more at the rate of \$20.00 per 1000.

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN

LONG DISTANCE PHONE:

CENTRAL 1457.

Greenhouses: Hinsdale, Ill. and Gregg's Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Mention the American Florist when writing

Chicago.

GOOD STOCK IS STILL SCARCE.

Business was unusually good the latter part of last week, especially Saturday, August 26, when stock of all kinds cleaned up early each day at good prices. Stock in general is none too plentiful, particularly in the better grades, and at times it is impossible to fill all the orders in full. American Beauty and Mrs. Chas. Russell roses are in brisk demand and there is hardly ever enough flowers in either one of these varieties to go around. Roses in general are improving wonderfully in quality and are selling quickly at satisfactory prices. Sunburst, Ophelia and Champ Weiland are having a good call and all the other varieties are also moving well and there is no great surplus when the stores close at night. Gladioli are in good supply but are not as plentiful as they were a week ago and while they are in good demand prices might be better even though they are still ahead of last year at this time. Some very fine America and Mrs. Frank

Wholesale Cut Flowers---Greens and Supplies

Prices cheerfully submitted on whatever you need upon request.

O. A. & L. A. Tonner

30 E. Randolph Street,

Phone,
Central 6284.

CHICAGO, ILL.

Mention the American Florist when writing

Pendleton are included in the shipments and there is also some fine stock offered in a few of the other varieties. Asters are a trifle more plentiful but clean up quickly at high prices, especially in the fancy grades. A few carnations are seen and while they are disposed of they do not cut much figure in the market at present. Lily of the valley is scarce and the same holds good for orchids, which have advanced somewhat in price the past week. Lilies are none too plentiful and what few do arrive command good prices. Golden Glow chrysanthemums

are becoming more plentiful and are selling well but are not bringing the prices that were realized last year at this time. Miscellaneous outdoor stock is still reaching the market in large supply, but the receipts are gradually diminishing. Business has been good all summer as far as the wholesalers are concerned considering the unusual conditions, and from present indications, it appears as if high prices will be realized this fall and winter if business is anywhere near good. There has been a large number of visitors in

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

GOOD SUPPLY

RUSSELL=OPHELIA=MILADY

and all the other roses listed in the price list below.

Fancy Lilies, Asters, Gladioli, Valley and Complete Line of Greens.

Current Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems	\$5.00
48-inch stems	4.00
36-inch stems	3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.00
Short .....	.75

Richmond.....	Extra select	Per 100	\$8.00
Killarney.....			
White Killarney.....			
My Maryland.....			
Sunburst.....			
Opheia.....	Select	6.00	
Milady.....	Medium	5.00	
Champ Welland.....	Short	4.00	

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$2.00
Select	1.50
Medium	1.00
Short	\$0.50 to .75
Roses, our selection.....	Per 100 \$ 3.00
Asters	\$ 1.00 to 3.00
Gladioli	3.00 to 6.00
Harrisii	10.00 to 12.50
Valley	4.00 to 5.00
Adiantum	1.00
Asparagus, per bunch .....	.50 to .75
Ferns, per 1,000.....	\$2.00

2,000,000 Feet of Modern Glass

The Chicago Flower Growers Association



182 North Wabash Avenue L. D. Phone Randolph 631

CHICAGO

Roses, Lilies, Gladioli, Asters, Etc.

Everything you need in Seasonable Cut Flowers and Greens, so Order Here.

the market the past week buying supplies for the fall trade, which reminds one that the vacation days are about over and it will soon be a case of getting down to brass tacks and making preparations to handle the approaching season's business.

NOTES.

W. A. Kennedy, of the C. C. Pollworth Co., Milwaukee, Wis., accompanied by his wife and Mrs. C. C. Pollworth and the Misses Norma and Lulu Prinz, motored here from Lake Geneva, Wis., August 24, returning home the next day. C. B. Whitnall made the trip with the party as far as Lake Geneva and Miss Perenhoff of this city entertained them while they were here.

Andrew Bensen, able superintendent of the Bassett & Washburn greenhouses, is the proud possessor of the latest model Ford. The boys at Bassett & Washburn's wholesale store say that he is going to compete in the Ford races to be held at Speedway Park on Labor day. Here's hoping his "Cecile Brunner" wins.

The Armitage Floral Shop, 2065 Milwaukee avenue, is doing a splendid business since Michael Fink and Jos. Wolf took charge and report a heavy run on funeral work this week. Mr. Wolf's daughter, Madeline, has charge of the store and is rapidly becoming an expert florist.

B. Zima, 3053 West Twenty-second street, has been so busy all summer that he has been unable to leave his

store more than a day at a time, so he is spending his vacation by making short trips by auto to nearby points.

Grover Lee Rambler and wife of Shreveport, La., are here on their honeymoon. Mrs. Rambler was formerly Miss D. E. Ruch and has been engaged in the retail florist business in the southern city for some time.

Miss Nettie Parker is back home from a most enjoyable three weeks' visit at Sturgeon Bay, Wis., and is again performing her office duties at A. F. Pyfer & Co.'s store.

George Wienhoeber is certainly going to have a dandy store when all the decorations are completed and is looking forward to a brisk fall season.

J. J. Kolar, of Cicero, has invested in a new five passenger Oldsmobile.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

We are now cutting heavily in Ophelia and other roses of unsurpassed quality and can take splendid care of you in what you need in this line.

Current Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.		Per doz.
Long stems		\$5.00
36-inch stems		4.00
30-inch stems		3.00
24-inch stems		2.50
18-inch stems		2.00
12-inch stems		1.50
White—KILLARNEY—Pink.		Per 100
Extra Special		\$7.00
Select		6.00
Fancy		5.00
Medium		4.00
Short		3.00

RICHMOND		Per 100
Extra Special		7.00
Select		6.00
Fancy		5.00
Medium		4.00
Short		3.00
OPHELIA.		Per 100
Extra Special		\$7.00
Select		6.00
Fancy		5.00
Good		3.00
SUNBURST.		Per 100
Extra Special		\$7.00
Select		6.00
Fancy		5.00
Good		3.00

GEORGE ELGAR	35c per bunch
ROSES, OUR SELECTION \$3.00	
LILIES.	Per 100
Fancy	\$10.00 to \$12.50
Miscellaneous.	
Ferns, per 1,000.....	2.00 to 2.50
Smilax, per doz.....	2.00
Adiantum	1.00
Sprengeri, per bunch.....	.50
Asparagus Sprays, bunch.....	.50
Other Green Goods Market Rates.	

Wietor Bros. are supplying their customers with a good grade of Ophelia roses, which they are cutting in quantity, in all lengths. N. J. Wietor made a trip to St. Francis, Wis., last week to inspect the St. Francis Military Academy, where his oldest son Leo will start a four year course this fall.

Percy Jones is handling a tremendous supply of chrysanthemums for so early in the season and while a few early white are included in the shipments Golden Glow is the principal offering. A very fancy grade of asters is also obtainable in quantity at this house.

Fred Krause is back from a pleasant visit with his sister at Oregon, Wis., and is again attending to his duties at the E. F. Winterson Co. store. Charles "Skiboo" Benesch is also back on the job at this establishment after a three months' vacation.

Miss Nelda Wolff has returned from her vacation and is again attending to her duties at Zech & Manns' store. Fred Ottenbacher is also on the job and reports having had a delightful time while he was away.

J. A. Budlong has had a heavy call for asters which have been a leader with this house for several weeks. Miss Mabel Schultz of the Budlong office force is back from a pleasant visit at Starved Rock.

The Raedlein Basket Co., 713 Milwaukee avenue, will have its new basket catalog ready for mailing next week and will be pleased to send a copy to anyone in the trade upon request.

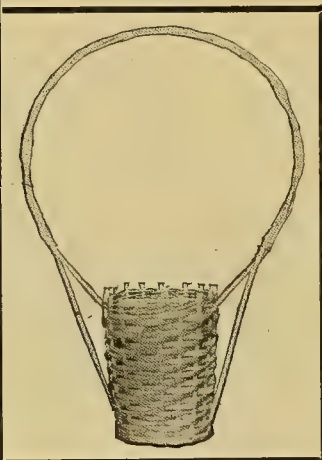
The Chicago Florists' Club will meet next Thursday evening, September 7, at eight o'clock. The meeting place will be announced in the club notices, which will be mailed in a few days.

J. A. Sikuta, 3947 West Randolph street, never complains of dull times and always reports business as good. He does his own buying and visits the wholesale market every day.

O. J. Friedman, 516 South Michigan avenue, and F. O. Franzen, 5319 North Clark street, have both placed an order with Buchbinder Bros. for a new refrigerator.

Peter Sgoros, of the Venetian Flower Shop, and Charles Rogers, of the Washington Flower Market, are home from

THREE BIG BARGAINS



25 SMALL CUT FLOWER BASKETS, \$7.50
Suitable for pompons, etc.

25 MEDIUM CUT FLOWER BASKETS, \$15.00
Suitable for roses, carnations, etc.

25 LARGE CUT FLOWER BASKETS, \$19.00
Suitable for American Beauty and Mrs. Chas. Russell roses, chrysanthemums and other long stemmed cut flowers.

Order as early as possible so as to avoid any possible delay in shipment. Wire in your order today and we will send it out on the next train. Hurry!

Send for our latest catalog—just off the press. You need it—a postal will do.

RAEDLEIN BASKET CO.

713 Milwaukee Avenue,

CHICAGO

a three weeks' outing in northern Wisconsin.

W. F. Duntemann's many friends are pleased to learn that he has recovered almost completely from his recent accident and is able to be about again.

John Huebner, Allie Zech, William Lorman, Peter Olsen and Joe Einweck will represent the trade in the North Chicago Bowling League this season.

George A. Kuhl, of Pekin, was a welcome visitor August 28, when he was here on business connected with the new home that he is building there.

John Kruchten has returned from a delightful automobile trip to Sister Lakes, Mich., and is back on duty at the John Kruchten Co.'s store.

H. Jacobson will join the ranks of the local retail florists September 15, when he will open a new store at 955 East Fifty-fifth street.

A. H. Schneider, of Oak Park, has the sympathy of the trade in the loss of his father whose death occurred this week.

J. Jacobs is on the job again at the E. C. Amling Co.'s store after a pleasant two weeks' visit at Cary.

Joseph Ziska, Jr., and wife have returned home from a few days visit with relatives at Algonquin.

A. F. Longren is back from Houston, Texas where he attended the S. A. F. convention.

James J. Kolar, of Cicero, joined the ranks of the benedicts last Saturday, August 26.

D. S. Musser, of Miller & Musser, is spending his vacation with relatives in Indiana.

Vaughan's Seed Store reports good demand for French Paper Whites.



To Buy Your Stock
From Us For We Are
Particularly Strong On

ROSES--BEAUTIES--ASTERS--GLADIOLI--ETC.

CURRENT PRICE LIST—Subject to Change Without Notice.

Beauties.		Per doz.
Long stems		\$3.00 to \$4.00
30 to 36-inch stems		2.50
20 to 24-inch stems		1.50 to 2.00
15 to 18-inch stems		1.00
12-inch stems .....		.75

Mrs. Chas. Russell.

		Per 100
Extra fancy		\$15.00
Good medium		\$10.00 to 12.00
Good short		4.00 to 6.00

Roses.

Ophelia, fancy	\$8.00 to \$10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00

		Per 100
Richmond, fancy		\$ 8.00
" good	\$5.00 to	6.00
" short	2.00 to	4.00
White Killarney, fancy		8.00
" good	5.00 to	6.00
" short	2.00 to	4.00
Ward, fancy		8.00
" good	5.00 to	6.00
" short	2.00 to	4.00
Sunburst, fancy		8.00
" good	5.00 to	6.00
" short	2.00 to	4.00
Killarney Brilliant, fancy		8.00
" good	5.00 to	6.00
" short	2.00 to	4.00
Roses, our selection		3.00

Carnations.

		Per 100
Special fancy		\$3.00
Good	\$1.50 to	2.00

Miscellaneous. Per 100

Easter Lilies, select	\$10.00 to \$12.50
Orchids, Cattleyas, per doz..	9.00
Valley	4.00 to 5.00
Sweet Peas .....	.75 to 1.50
Gladioli	2.00 to 6.00
Asters	2.00 to 4.00
Dahlias	2.00 to 3.00

Greens.

Asp. Plumosus.....per string,	\$0.50
Asp. Plumosus Sprays..bunch,	\$0.35 to .50
Sprengerl .....per bunch,	.35 to .50
Adiantum .....per 100,	1.00
Smilax, choice .....per doz.,	1.50 to 2.00
Fancy Ferns .....per 1,000,	2.00 to 2.50
Galax Leaves .....per 1,000,	1.00

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave, Chicago

Mention the American Florist when writing



PREPAREDNESS.

We are always prepared to take care of
all your orders for Cut Flowers and Greens.

A. T. PYFER & CO.

WHOLESALE FLORISTS

30 East Randolph Street,

CHICAGO, ILL.

Long Distance Telephone—Central 3373.

Mention the American Florist when writing

Poehlmann Bros. Co. will receive its ruscus and wheat sheaves all right this season for T. E. Waters, manager of the supply department, received word from abroad that it is on the way now. August Poehlmann has returned

home from a trip through the south, particularly Houston, Texas, where he attended the S. A. F. convention.

M. W. Fischer, with George Fischer, is back from a visit with relatives at Kalamazoo, Mich. Art Cohen is now

connected with this firm as assistant manager.

Fred. Rentschler, with the Rentschler Floral Co., Inc., Madison, Wis., and two sons were here on a buying visit this week.

ROSES-ASTERS-GLADIOLI



**Regular Daily Supply of
VALLEY AND LILIES.**

You can increase your profits and business by sending all your orders direct to

**Quality
Speaks
Louder
Than
Prices.**

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

**ROSES, VALLEY
and CARNATIONS
A Specialty.....**

**WHOLESALE
Grower of**

GUT FLOWERS

**Prices
As
Low
As
Others.**

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

The American Bulb Co., 172 North Wabash avenue, of which A. Miller is president, Albert Koehler secretary and treasurer, Robert Newcomb director, and Samuel Seligman manager of the accessories department, is well satisfied with the business done since the opening and are gradually getting things in shape at its new home. Robert Newcomb is back from Houston, Texas, where he attended the S. A. F. convention, and Samuel Seligman is expected home soon. Benj. Miller, who is also connected with this concern, is home from Rochester, Minn., where he has been receiving medical treatment.

Anton Then has remodeled his entire place and now has everything in grand shape for all those who care to visit his establishment and inspect his new carnation, Thenanthos, as it is growing in the houses. John Then says that over 15,000 cuttings have been sold so far and only two advertisements have appeared since it was shown at the Grand Floral Festival, held at the Coliseum in November last year. Mr. Then will have an important announcement to make in regard to Thenanthos in about another week.

Joe Einweck has returned from a lake trip to Mackinac Island and Buffalo, N. Y., and is again on deck at Bassett & Washburn's store. Miss Harper, of the office force, has returned from a pleasant visit at Whitehall, Mich., and reports having had a delightful time. Mrs. Horton is enjoying a lake trip to Buffalo, N. Y., on the steamer Minnesota.

William Johnson, of A. L. Vaughan & Co., is enjoying a well earned vacation, which will be spent in the city this year and not on the coast as he expected to, owing to the threatened railway strike. Mrs. Vaughan and daughter, Thelma, are back from a trip to San Francisco and Los Angeles, Calif.

Kyle & Foerster will handle wild smilax in quantity again this year and have a fine cooling room to place the shipments in as they arrive. This house is handling an exceptionally fine grade of indoor grown asters, which sell like hot cakes as soon as they are placed on sale.

J. G. Johnson, of Johnson & Chronis, and George Perdikas have returned from a visit at Antioch. Mr. Perdikas lost his suit case the day he was leaving for home, but Mr. Johnson played detective and soon located it, but re-

GLADIOLI

Large supply of fancy stock in all the seasonable varieties.

M. C. GUNTERBERG, 158 N. Wabash Ave., CHICAGO, ILL.

fused to accept the reward offered for its return.

The Central Floral Co.'s duck window has proven such a great attraction that it is rumored the proprietors will either have to abandon it or hire a special police guard to keep the crowds from congregating in front of the place and blocking the traffic.

August Lange and wife have returned home from Houston, Tex., and report having had a most enjoyable time. They made the trip from Galveston to New York by water and were accompanied by Miss M. C. Gunterberg, who is expected home in a few days.

John Poehlmann, Jr., has returned from Battle Creek, Mich., where he has been receiving medical treatment at a sanitarium. He is feeling much better, but is not as well yet as he might be.

Miss Margaret McNulty, who attends to the office duties at Peter Reinberg's store, in company with her mother, will make a lake trip to Buffalo, N. Y., and Mackinac Island.

The Chicago Flower Growers' Association is handling a good supply of roses, particularly Mrs. Chas. Russell, which are rapidly improving in quality since the cooler weather set in.

Emil Reichling reports that Peter Reinberg has placed an order with Anton Then for 2,000 cuttings of his new carnation Thenanthos to be disseminated January 1, 1917.

Miss Josie Then is home from a three weeks' visit at St. Joseph, Mich., and is rapidly recovering from the effects of her recent operation.

Weiland & Risch are cutting from a good crop of Mrs. Chas. Russell and Champ Weiland roses.

George F. Gerasimos will open a new store next week at 6302 University avenue.

Frank J. Ziska was married at English Lake, Ind., last Saturday, August 26.

Visitors: W. W. Coles and wife, Kokomo, Ind.; W. Dittmer, Grinnell, Ia.; L. H. Reams, Council Bluffs, Ia.; B. Juerjens and family, Peoria;

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 NO. WABASH AVE., CHICAGO
Telephone Central 466

Mrs. R. C. Darbee, San Francisco, Calif.; George Blackman, Evansville, Ind.; J. A. Karins, representing Henry A. Dreer, Philadelphia, Pa.; T. J. Wolfe, Waco, Tex.; D. W. Dumser, superintendent of the S. W. Goggan greenhouses, Battle Creek, Mich.

Oklahoma City.

The retailers say that there is a little business doing all the time, and that there is a marked improvement in the quality of the flowers that are available. Gladioli of fine quality are now coming in, also a supply of good white and yellow chrysanthemums reaching the city.

NOTES:

Norman, the university town, located 17 miles south of this city, is to have a greenhouse and a flower shop to supply the student trade. We are informed that about \$4,000 will be spent on the greenhouse, and that the business will be in charge of W. A. Rowe, a former employe of one of the Oklahoma City florists.

Visitors: Phil Foley, Chicago; John Evans, Richmond, Ind.; C. E. Fall, Kansas City, Mo.; E. C. Pruner, representing Poehlmann Bros., Chicago; W. E. Crump, of Pikes Peak Floral Co. Colorado Springs, Colo.; W. Kurth, of the Park Floral Co., Denver, Colo.; and Mr. Cheeseman, representing Ralph M. Ward, New York, all on their way to their various homes, returning from Houston, where they had been in attendance at the S. A. F. convention.

S. S. B.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

The Largest, Best Equipped,
Most Centrally Located

WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO

174-6 N. Wabash Ave., CHICAGO
L. D. Phones
CENTRAL 1977 and 1978.

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

HOERBER BROS.

Wholesale Growers of **Cut Flowers**

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave.,

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

Advertising String

FOR TYING FLOWER BOXES

Write for samples and prices.

Chicago Printed String Co.,
309 S. LA SALLE ST., CHICAGO.

Carnations NEW CROP Asters

S. MURATA & CO.,

OLDEST AND MOST EXPERIENCED
SHIPPERS IN SOUTHERN CALIFORNIA.

751 S. Broadway,

LOS ANGELES, CALIF

Mention the American Florist when writing

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST. Per doz.

Roses, Beauty, specials	\$5 00
" " 36-in.	4 00
" " 30-in.	3 00
" " 24-in.	2 50
" " 20-in.	2 00
" " 18-in.	1 00
Per 100	
" Mrs. Chas. Russell.	\$4 00@15 00
" Beauty, short	4 00@ 6 00
" Hoosier Beauty.	2 00@10 00
" Killarney Brilliant	2 00@10 00
" Killarney	2 00@10 00
" White Killarney	2 00@10 00
" Richmond	2 00@10 00
" Prince de Bulgarie	2 00@10 00
" Rhea Reid	2 00@10 00
" My Maryland	2 00@10 00
" Mrs. Geo. Sawyer	2 00@10 00
" Milady	2 00@10 00
" Sunburst	2 00@10 00
" Mrs. Aaron Ward	2 00@10 00
" Hadley	2 00@10 00
" Ophelia	2 00@10 00
" Double White Killarney	2 00@10 00
" Mrs. Moorfield Storey	2 00@10 00
" Champ Weiland	4 00@10 00
" Stanley	3 00@10 00
" Tipperary	3 00@10 00
" Frances Scott Key	3 00@10 00
" Bayard Thayer	3 00@10 00
" Cecile Brunner	2 00@ 3 00
" George Elgar	2 00@ 3 00
" Baby Doll	2 00@ 3 00
" Fireflame	4 00
" Our selection	3 00
Carnations	1 00@ 3 00
Cattleyas	per doz., 9 00
Asters	2 00@ 4 00
Dahlia	3 00
Lilium Harrisii	10 00@12 50
Sweet Peas	75@ 1 00
Valley	3 00@ 6 00
Adiantum Croweatum	1 00@ 1 50
Ferns	per 1000, 1 50@3 00
Galax	1 00@1 25
Leucothoe	75@ 1 00
Mexican Ivy	per 1000, 5 00@6 00
Plumous Strings	each, 60@ 75
Smilax	per doz., 2 00@2 50
Sprenger, Plumous Sprays	3 00@ 4 00
Boxwood, 25clb per case	7 50

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

Mention the American Florist when writing

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

Mention the American Florist when writing

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

Mention the American Florist when writing



Mention the American Florist when writing

FIELD-GROWN CARNATION PLANTS

White Enchantress, White Perfection, White Wonder, Alma Ward, Matchless, C. Akehurst, C. W. Ward, Alice, Light and R. Pink Enchantress, Enchantress Supreme, Philadelphia, D. Gordon, Champion, Beacon, Victory.

Let us know your requirements and we will submit prices.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

COOL WEATHER QUICKENS PACE.

A delightful change in the weather, which has been the hottest of the season the past week, has quickened the pace and the week opened very well. With the exception of gladioli, the stock is scarce and not up to standard. Good roses are very scarce, although the situation is better than last week. Some very fair local American Beauties, Mrs. Russell, good My Maryland, short stemmed Sunburst, Ophelia, a few Double White Killarney and Kaiserin are seen here and there. Asters are improved and a trifle more plentiful; some inside stock is very good, but there is not near enough to supply the demand. Lily of the valley and cattleyas are very scarce. There are a few dahlias, the advance guard. Should the weather become cooler with a day or two of rain, the market would soon be full of these attractive fall flowers. The growers report their fields to be badly in need of rain, but otherwise the stock is well advanced and in good condition, from which they expect a record crop. There have been no Golden Glow chrysanthemums as yet—the early ones sold very well last season. Very good summer cosmos is coming in and finds a ready sale in this bare market.

NOTES.

Joseph Heacock says the Texas weather was pretty well up to our hot days here. The Ward collection of home grown hyacinths, tulips, etc., he considered one of the most attractive of the exhibits. The palm stock at Wyncote is up to its standard in excellence and quality. Well-finished cibotiums, in several sizes, are wonderful in their luxurious wealth of splendid fronds.

Frank Ross has purchased a farm of 153 acres, midway between Doylestown and Willow Grove. It is well wooded with 53 acres of forest, and watered with three-quarters of a mile of the Neshiminy creek. One hundred acres are under farm crops. This is to be his summer home and here he may grow summer flowers for his various stores.

A near riot was fortunately averted on Ranstead street one day last week. A pot of 25 measly white roses was sold by two men in separate commission houses and by a salesman to a customer on the spot all at the same time. After a violent wrangle, a new shipment fortunately arrived in the nick of time and peace was restored.

J. Callahan, of West Market street, and Charles Grakelow, of North Broad street, are running gladioli specials to enliven their summer trade. Six thousand America was their quota last week, all supplied by the Philadelphia Wholesale Florists' Exchange. Over 150,000 gladioli have been handled by the Exchange the present season.

H. A. Dreer, Inc., are running out a lot of araucarias; their stock is fine and many customers are taking time by the forelock and getting them at this time by freight to save express charges later on. Kentias are also a feature, many orders being booked

Wholesale Flower Markets

BOSTON, Aug. 30.		Per 100
Roses, Beauty.....	20 00@25 00	
" Killarney Queen.....	2 00@ 8 00	
" White and Pink Killarney.....	2 00@ 8 00	
" Double White Killarney.....	2 00@ 8 00	
" Killarney Brilliant.....	4 00@10 00	
" Hadley.....	4 00@10 00	
" Cardinal.....	2 00@ 8 00	
" Mock.....	6 00@12 00	
" Mrs. Chas. Russell.....	6 00@12 00	
" Sunburst.....	6 00@12 00	
" Taft.....	2 00@ 8 00	
" Milady.....	2 00@ 6 00	
" Ward and Hillingdon.....	2 00@ 8 00	
" My Maryland.....	50@ 5 00	
Cattleyas.....	50 00@75 00	
Lily of the Valley.....	4 00@ 5 00	
Sweet Peas.....	50@ 1 00	
Carnations.....	1 00@ 2 00	
select.....	2 00@ 3 00	

BUFFALO, Aug. 30.		Per 100
Beauty Special.....	20 00@25 00	
" Fancy.....	15 00@20 00	
" Extra.....	10 00@12 00	
" First.....	8 00@10 00	
" Second.....	2 00@ 4 00	
Roses, Killarney.....	3 00@ 6 00	
" White Killarney.....	3 00@ 6 00	
" My Maryland.....	3 00@ 7 00	
" Sunburst.....	3 00@ 6 00	
" Ward.....	2 00@ 5 00	
" Shawyer.....	3 00@ 6 00	
Lily of the Valley.....	4 00@ 6 00	
Lilies.....	8 00@10 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 00@ 2 00	
Gladiolus.....	2 00@ 4 00	
Asters.....	1 00@ 3 00	
Asparagus Sprengeri.....	35@ 50	
Ferns.....	per 1000, 2 00	
Smilax.....	15 00	

CINCINNATI, Aug. 30.		Per 100
Roses, Killarney.....	2 00@ 6 00	
" My Maryland.....	2 00@ 6 00	
" Richmond.....	2 00@ 6 00	
" Taft.....	2 00@ 6 00	
Lilium Giganteum.....	8 00@10 00	
Asparagus Plumosus.....	per bch., 25c	
Gladiolus.....	2 00@ 4 00	
Asters.....	1 00@ 4 00	

and stock in blocks set aside for early delivery.

The S. S. Pennock-Meehan Co.'s plant department is rapidly becoming an important branch of its business. Much of their stock of carnation plants is sold out and many orders are already booked for some of the popular sorts for next season. Their sweet pea seed is also selling fast.

The Leo Niessen Co. is getting ready for their usual large dahlia business, with which they expect to break all former records. Maryland and Prima Donna roses, together with very good local American Beauties, are leaders here.

H. Bayersdorfer & Co. will soon need to have additional packing room space to keep pace with their rapidly expanding business. Large consignments of new goods are crowding their storehouses to the doors.

John Welsh Young is cutting a fine crop of Maryland roses; they are high grade stock. Lady Alice Stanley is doing well with him. He thinks it a good rose for any one who will give it attention.

The H. F. Michel Co., Inc., are having quite a run on cyclamen and pansy seed. Their fall importation of bulbs will soon be in. Many orders for this stock have already been booked.

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET, BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

ROSES, ORCHIDS, VALLEY

A full line of Summer Flowers
Always high grade Easter Lilies

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

STUART MILLER, WHOLESALE FLORIST

Always Seasonable Flowers

Orchids, Valley, Roses, Asters, Gladioli, Easter Lilies, Hydrangeas.

Unexcelled Opening for Carnation Consignors for the Coming Season.

ONE BLOCK FROM EXPRESS OFFICE
1617 Ranstead Street, PHILADELPHIA, PA.

H. Bayersdorfer & Co.

The Wholesale Supply
House of America...

EVERYTHING THE BEST IN FLORISTS' SUPPLIES

1127 Arch St., Philadelphia, Pa.

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and Greens

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower ship-
pers in MINNEAPOLIS. Let us sup-
ply your wants. If it is on the mar-
ket we can furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street
KANSAS CITY, MO.

Mention the American Florist when writing

Extra Quality Pink and White Killar-
ney, Richmonds, American Beauties,
Fancy Carnations, Yellow Daisies,
Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock
Killarney, Sunburst and others.
CATTLEYS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Philadelphia Wholesale Florists' Exchange

High Grade Roses, Gladioli, Asters, Easter Lilies
and other Seasonable Flowers.

Up-to-the-Minute Service. Satisfaction Guaranteed.
1615 Ranstead St., Philadelphia, Pa.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in
FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 206

444-446 Milwaukee St., Milwaukee, Wis.

New Fancy Ferns

Special picked. Leave your regular orders with us.

Fancy Lily of the Valley, Orchids, Gladioli, Lilies and all other seasonable flowers.

FLORISTS' SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

Wholesale Florist,
C. A. KUEHN, 1312 Pine St., ST. LOUIS, MO

Wholesale Flower Markets

PHILADELPHIA, Aug. 30.	Per 100
Roses, Beauty, extra.....	20 00@25 00
first.....	10 00@15 00
Mrs. Chas. Russell.....	6 00@10 00
Killarney.....	2 00@ 4 00
White Killarney.....	2 00@ 6 00
Liberty.....	2 00@ 6 00
Hadley.....	4 00@12 00
Sunburst.....	3 00@ 8 00
Ophelia.....	3 00@ 8 00
Hoosier Beauty.....	4 00@12 00
Carnations.....	1 00@ 2 00
Cattleyas.....	50 00@60 00
Lilium Harrisii.....	6 00@ 8 00
Asters.....	2 00@ 4 00
Gladiolus.....	2 00@ 6 00
Larkspur.....	4 00@ 6 00
Asparagus.....per bunch.	50

PITTSBURGH, Aug. 30.	Per 100
Roses, Beauty, special.....	25 00
fancy.....	20 00
extra.....	15 00
No. 1.....	8 00
Killarney.....	2 00@ 6 00
My Maryland.....	2 00@ 6 00
Sunburst.....	2 00@ 6 00
Mrs. Aaron Ward.....	2 00@ 5 00
Cattleyas.....	30 00
Lilium Giganteum.....	8 00
Carnations.....	1 00
Adiantum.....	1 25
Asparagus Sprengeri, per bunch,	35@40
Sweet Peas.....	50
Asters.....	1 00@ 2 00
Gladiolus.....	2 00@ 4 00
Water Lilies.....	2 00
Lily of the Valley.....	4.00 per 100

MILWAUKEE, Aug. 30.	Per 100
Roses, Killarney and W. Killarney	2 00@ 8 00
Ward.....	2 00@ 6 00
Mrs. Chas. Russell.....	4 00@15 00
Ophelia.....	3 00@ 8 00
Hoosier Beauty.....	3 00@ 8 00
Lilies.....	10 00@12 50
Cattleyas.....per doz., 6 00	
Sweet Peas.....	25@ 50
Carnations.....	1 00@ 2 00
Snappdragons.....doz., \$0.25@ \$0.50	
Gladioli.....	2 00@ 3 00
Rubrams.....	4 00
Valley.....	3 00@ 5 00
Asters.....	1 00@ 2 00

DAVID WELCH EDWARD J. WELCH

WELCH'S' WHOLESALE AND COMMISSION FLORISTS

FLORISTS' SUPPLIES

280 and 282 Devonshire St.,
BOSTON, MASS.

Consignments of Beauties, Lilies of the Valley,
Orchids and all other flowers received daily.

Telephone—Court Hill 2964, 2965.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

ST. LOUIS, Aug. 30.	Per 100
Roses, Killarney.....	1 00@ 4 00
White Killarney.....	1 00@ 4 00
Aaron Ward.....	1 00@ 4 00
Sunburst.....	2 00@ 6 00
Ophelia.....	2 00@ 5 00
Cecile Brunner.....	2 00
Richmond.....	1 00@ 8 00
Mrs. Chas. Russell.....	3 00@ 8 00
Valley.....	4 00
Lilies.....	10 00
Asparagus Plumosus, per bu., 25@75	
Ferns.....per 1000.	1 50
Bronze Galax.....per 1000.	1 50

At the Berger Brothers Market splendid indoor ostrich plume asters and fine Easter lilies are a feature. Good gladioli and Maryland roses are also leaders.

Stuart Miller's new ice box looks spick and span in its coat of white paint. Extra fine Easter lilies are a feature of his stock.

Edward Reid's aster stock still keeps up, and he says, "Wait until you see the late ones—they will be the real Reid brand."

Frank Gaul, of the Ross Flower Shop No. 3, is on the sick list, but we are glad to say is reported improving.

L. P. Vollers is now with Shannon, The Florist, of Brooklyn, N. Y.

K.

New York.

POOR STOCK AND LITTLE DEMAND.

It has been written that the darkest hour is just before the dawn—and if we can apply that saying to the cut flower business of this city—better times are at hand. With a hot wave swooping down on the city the first of last week, reinforced by other hot waves as the week wore on, business was very poor. Contrary to expectations, there was a considerable supply of stock, much of it of indifferent quality. The best words may be said of the asters for many of them are good, and though prices fell off from the figures of the previous week, good stock ranged from \$2 to \$3 per 100. Many roses that arrived were too open to be useful, and if they sold at all, went for a trifle. This does not mean that there were no good roses on the market, for considering the weather, there were fairly good ones, but prices dropped as there was little demand. Lilies also were slow. On account of a very light supply, orchids and lily of the valley held up well. There was some demand for the best gladioli, but a part of the arrivals, with cut hydrangeas, dahlias, zinnias, marigolds and various other stocks, were more of a nuisance than otherwise. While a few good chrysanthemums have been seen, they are not plentiful enough to be factors. Outdoor stock that comes from sections where the drouth prevails, and where there are no watering facilities is of little account.

August 28.—There is nothing unusual to report, if we may except a few welcome showers and a cool wave, which has started the "sissy boys" to saying: "deuced cool, don'tcher know." The hot weather of the past week put the market in bad condition for the time being, but there are now signs of a reaction for the better. It can be stated that everything that is good is bringing a fair price. The great scarcity of cattleyas has put them up to \$1 to \$1.25 per flower, wholesale rates, and one dealer stated today that he was "trying" to get \$1.50. Lilies and lily of the valley are a little more plentiful, but cannot be said to be cheap. Good roses and asters bring fair prices, for the season.

NOTES.

Since the convention of the Society of American Florists will come to New York next year, we propose from time to time to tell not merely what our opinions are, but also what disinterested persons say. The following is an extract from a letter published in the New York Tribune, of August 26: "Why entertain the erroneous impression that one must leave the comforts of the city for the narrow and limited accommodations of country places, where there is only one thing to do—sit about on the different hotel

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Pips.

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140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of
its Best Growers.

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and boarding house piazzas 'waiting,' like Micawber, 'for something to turn up,' meanwhile trying to endure the discords of the musical talent engaged? The many advantages of New York, profitable and delightful, with its high-class music and various other entertainments, its fine spacious hotels and apartment houses, combined with its proximity to the ocean—cannot be excelled, no matter in what direction one wanders. The absurdity of it all strikes one after reaching the narrow atmosphere of the much advertised health resorts and villages, where nothing is really found but graft and a lot of braggadocio to combat. New York gives an equivalent for money expended. Not so at summer resorts, where the main object is to take advantage of the visitor. New York for health and happiness!" We judge that the writer of the above had recently visited a "health resort."

An innovation in the wholesale cut flower district is being made by Johnson & Millang, Inc. This firm has established in the Coogan building, 55-57 West 26th street, large and commodious quarters where auction sales will be conducted on Tuesday and Friday of each week commencing promptly at 9 a. m. The opening sale will be held Tuesday, September 12, and will consist of a large assortment of decorative stock, together with a heavy consignment of Holland-grown and other bulbs. There is no doubt but what this source of supply will prove a great convenience, as its ready accessibility does not necessitate a loss of time for the florist who must buy quickly and return to his business. Charles C. Johnson has a wide knowledge of the auction business in all its phases, resultant from years of thorough experience, while Charles Millang is well known among the florist trade and his popularity vouched for by many. Both report the business outlook to be very bright, and a busy season is confidently anticipated.

Mrs. Retta E. Rankin, manager of the House of Ferns, 41 West 28th street, is spending a vacation of three weeks at Lake George. Mrs. Rankin has been a hard worker since she took charge of this business, and is popular in the trade. We wish her an enjoyable vacation. During her absence, her daughter, Miss Alma Rankin, is in charge of the store.

A feature at Anton Schultheis' extensive range at College Point, is the great stock of chrysanthemums being



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" Francis Scott Key, special...	10 00@12 00
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" Killarney, My Maryland...	
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Cattleya Orchids, special...each,	1 00@1 25
inferior grades.....	
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Lily of the Valley.....	4 00@5 00
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Asters.....	2 00@5 00
Chrysanthemums..... per doz.	1 50@3 00
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Hybridum.....	1 50@2 50
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Asparagus Plumosus Nanus A Specialty.

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grown in pots, all being in fine condition. He is offering a fine stock of vincas, and his large stock of ferns, Pandanus Veitchii, cyclamens, ardisias and other plants are looking fine. As usual, he will have a great stock of pot roses.

J. K. Allen, the wholesaler, has of late been spending considerable time at Ashbury Park and Ocean Grove, N. J., and has heard "Billy" Sunday preach. For our own part if compelled to listen to "Billy" Sunday's fire and brimstone sermons, we would prefer to hear him in winter time.

George D. Nicholas, John Tryforos, John Carlaftes and James Carlaftes and wife, recently returned from an extended automobile trip through the up-state region and Vermont. They visited Albany, the military camp at Plattsburg, and many other points of interest.

William P. Ford, 107 West 28th street, is handling an exceptionally fine stock of asters, Daybreak and other leading varieties being noteworthy. He recently visited his farm at Chad's Ford, Pa., and says that the crops need rain.

Joseph S. Fenrich, 51 West 28th street, continues to receive good stock of the new, pink rose, Cleveland, from C. H. Totty, Madison, N. J. We recently heard a retailer predict that "Cleveland is the coming pink rose."

F. L. Freund, 976 Second avenue, is making extensive improvements in his store. A new plate glass front and a fine ice box are features that make it the finest store in his locality.

Daniel Sullivan, the able assistant to Joseph Millang, in the rooms of the New York Cut Flower Co., is back from his vacation looking as hearty as a farmer.

G. Golsner's Sons, College Point, have planted a fine stock of carnations and their chrysanthemums look well. They are also extensive growers of bouvardias.

Charles R. Yaeger, 2109 Seventh avenue, who always had a fine store, is now making extensive improvements, painters and decorators being in charge.

William Kessler, 113 West 28th street, is handling good chrysanthemums, rubrum lilies and asters.

John Bieler, a well known landscape gardener of Port Washington, L. I., died there August 23, aged 50 years.

The George W. Clarke Co., 259 Fifth avenue, whose specialty is irrigation devices, is showing new and interesting features in lawn and garden sprinklers.

T. J. Wolfe, of Waco, Tex., president of the Texas State Florists' Association, is spending a few days in this city.

Mrs. William H. Long, 412 Columbus avenue, has returned from Nova Scotia, where she was visiting her parents.

Goldstein & Futterman, 102 West 28th street, are handling fine stock of Chrysanthemum Golden Glow.

Paul Meconi of the Coogan building has returned from a short vacation at Lake George.

A. F. F.

Secaucus, N. J.

Calling recently on Herman Komitsch we were pleased to note his exceptionally fine stock. He is one of the growers who seem to do everything well. This recalls that moss-eaten saying about "luck", for there is no such thing as luck. A man gets what he works for, and the more brains he has, the more he gets. We are not writing about people who have inherited money and property, but of the men and women who have gone out to face the world and have made good. Herman Komitsch grows orchids, and a lot of them, and though this is not the flowering season, his stock looks fine, and he will have a great crop of flowers in a few weeks. At present, a striking feature is his chrysanthemums. He has 50,000 plants and finer stock cannot be found in the whole country. The stock comprises about 50 varieties, so Traendly & Schenk of New York, who will sell it, will have no trouble in pleasing their customers.

Emil Savoy is a Frenchman, but considering the record of the French, nobody should have prejudice against him on that account. The word "expert" has oft-n been misplaced, but Savoy is truly an expert plantsman, specializing in bougainvilleas, and even his competitors acknowledge that he is the leader in that branch of horticulture.

Carl Woerner specializes in lilies, sending good stock to market all the year round. He is one of the hardest workers we have ever known, and we are pleased to state that prices have been good this summer. He also grows chrysanthemums and a variety of bedding plants.

A. F. F.

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No Florist should be without a box of Greening Pins, considering their small price, convenience and amount of labor saved. One box contains 10 lbs. (about 10,000 to 11,000 pins). (Samples free).

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California Florists, Tacoma, Wash.
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Dard's, 44th and Madison Ave., New York.
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Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
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Schiller The Florist
222 W. Madison St. CHICAGO.
All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr.
Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

Mention the American Florist when writing

Brooklyn, N. Y.

JOSEPH TREPEL

334 Lewis Ave., Telephone No. 1310 Bedford

—Six Up-to-date stores in the City of Brooklyn—
We give personal attention to your orders and guarantee satisfaction

Mention the American Florist when writing

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heinl)

336 Superior St., Toledo, O.
Both Phones, 527. 1

Special attention to Mail and Telegraph Orders.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Rochester, N. Y.

J. B. KELLER SONS, FLORISTS

25 Clinton Avenue, N.

Rochester Phone, 506 Long Dist. Bell Phone 2189

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City

Mention the American Florist when writing

Duluth, Minn.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota. Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

Mention the American Florist when writing

Houston, Texas.

Robt C. Kerr Floral Co.

Main and McKinney Phone, Preston 160

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyes, 106 State St.
Amsterdam, N. Y.—John C. Hatcher.
Atlantic City—The London Flower Shop, Ltd.
Boston, Mass.—Comley, Henry R.
Boston, Mass.—Thos. F. Galvin, Inc.
Boston, Mass.—Penn, The Florist.
Brooklyn, N. Y.—Brooklyn Cut Flower Market.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Briggs Floral Co.
Chicago—Friedman, 522 S. Michigan Blvd.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder, 3343 W. Madison St.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel, 17 E. Monroe St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews, the Florist.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Des Moines, Iowa.—J. S. Wilson Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
El Paso, Texas—Potter Floral Co.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Paley.
Los Angeles, Calif.—Howard & Smith.
Los Angeles, Calif.—Seki Bros. & Co.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Milwaukee, Wis.—J. M. Fox & Son, Inc.
Montreal, Quebec—The Dominion Floral Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
Newburyport, Mass.—E. W. Pearson.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Henry Hart, Inc.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—G. E. M. Stump.
New York—Young & Nugent.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop, Ltd.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Providence, R. I.—T. J. Johnston & Co.
Pueblo, Colo.—McMurray, D. M.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Schenectady, N. Y.—John C. Hatcher.
Sheboygan, Wis.—J. B. Matthewson.
St. Louis, Mo.—Mullaphy Florists.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Joseph's, 233-35 Grant Ave.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Springfield, Mass.—N. F. Higgins.
Springfield, O.—Van Meter Flower Shop.
Steuenville, O.—Huscroft's Flower Shop.
Syracuse, N. Y.—Miles S. Hendle.
Terre Haute, Ind.—J. G. Heinl & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Westerly, R. I.—Reuter's.
Wilmette, Ill.—Pyfer & Olsem.
Williamsport, Pa.—Evenden Bros. Co.
Worcester, Mass.—Randall's Flower Shop.

Chicago.

BRIGGS FLORAL CO.

228 W. Madison St.
801 Sheridan Road.

Special attention paid to telegraph orders in Chicago and vicinity. One of our stores is located in the heart of the city and the other in the select north side residential district

Los Angeles, Calif.

SEKI BROS. & CO.

Wholesale and Retail Florists

We grow our own flowers All kinds of Decoration a Specialty

Phone A-2550 229 W. 4th Street

PYFER & OLSEM

WILMETTE, ILLINOIS

Careful attention to all mail or telegraph orders for delivery in Wilmette—Chicago's North Shore Suburb—Evanston, Kenilworth, Winnetka, Glencoe, Lake Forest.

New York.

Established 1849

David Clarke's Sons

2139 2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most carefully executed.

Kansas City, Mo.



Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Lang Floral & Nursery Co., Dallas, Texas

1303 Main Street

Write or wire headquarters for flowers for Texas Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

Sedalia, Missouri.

Archias Floral Co.

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

Member of Florists' Telegraph Delivery.

N. F. HIGGINS

FLORIST AND DECORATOR

150 State St., SPRINGFIELD, MASS.

LEWIS HENDERSON, Florist

1814 Douglas St., OMAHA, NEB.

Member of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Telephone 1813 Main JOS. LEVY
BROOKLYN
Cut Flower Market, Inc.
Floral Designs a Specialty
356 FULTON STREET
BRANCH: 408 Fulton St.
BROOKLYN, N. Y.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

PHILIPS BROS, 938 Broad St.
NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.
Wolfskill Bros. and
Morris Goldenson
Cut Flower Merchants.

We solicit telegraph orders. Regular trade disc.
229 WEST THIRD STREET

Kansas City, Mo.
Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Little Rock, Ark.

PAUL M. PALEZ

FLORIST

All orders carefully filled and delivered to all parts
of the city, Arkansas and the Southwest.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully
cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS

Members of Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Avenues

Flowers delivered in city and state on short notice

Member of Florists' Telegraph Delivery.

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members of Florists' Telegraph Delivery.

Steubenville, Ohio.

Huscroft's Flower Shop

173 North Fourth Street

All Orders Promptly Executed

DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great
Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.

THINK OF HEINL'S

Mention the American Florist when writing

Rockford, Ill.

H. W. BUCKBEE.

Member of Florists' Telegraph Delivery.

Pittsburgh.

ASTER SHORTAGE NOTICEABLE.

As is general all over the country, this market is suffering for asters; there are so few coming in that they are a negative quantity. Gladioli are plentiful and sell well. Short roses are also getting on the long side and there are plenty of lilies.

NOTES.

The flower show to be held June 13-16, 1917, promises to be quite an affair from the appearance of the preliminary schedule just issued. The prizes are well worth striving for, as they run into considerable money.

A new partner has been taken in R. J. Daschbach, Inc., and the title of that firm has been changed to read "Daschbach-Crissman, Florists." John Harris and John Mitchell are at Mt. Clements.

"Turk" Riley of The McCallum Company had to be taken to the hospital for nerve and stomach trouble, and is not expected to be around again for several weeks.

G. P. Weaklen had a special Ford truck body built, of which he is proud, not because it is something fine, but because it is so roomy and practical.

Randolph & McClements and Mrs. E. A. Williams both had orders last week that had the appearance of mid-season business.

Dave Hill is about our last florist to desert Atlantic City gayness for Pittsburgh business.

Mike Stafford, of Randolph & McClements is on vacation at present.

M.

KANSAS CITY, MISSOURI.

Rock's
FLOWERS

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

CHICAGO

The Palmer House
Florist
17 E. MONROE ST.

Mention the American Florist when writing

C. H. FREY, Wholesale
and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

Mention the American Florist when writing

Send Telegraph, Telephone or Mail Orders
for florist service in this vicinity to

THE DOMINION FLORAL CO.
484 St. Catherine's St., West
Montreal, Que., Canada

Every order receives prompt and careful attention

C. Trauenerfeld's
FLORIST

3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

E. W. PEARSON

47 State St., NEWBURYPORT, MASS.,

Covers all New England points.

Trade Directory

Price: \$3.00, Postpaid.

American Florist Co.,

440 S. Dearborn St.,

CHICAGO

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Pueblo, Colo.

D. M. McMurray
FLORIST

105 East Abriendo Ave.

Mention the American Florist when writing

Send Telegraph, Telephone or Mail orders for florist service in this vicinity to

Howard & Smith

853 So. Olive St., Los Angeles, Calif.

Every Order sure to receive prompt and careful attention.

Mention the American Florist when writing

WORCESTER, MASS.

Randall's Flower Shop,

13 Pleasant Street.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

VAN METER FLOWER SHOP
SPRING and HIGH, Springfield, O.

BEST FLOWERS for EVERY OCCASION.

Mention the American Florist when writing

Williamsport, Pa.

EVENDEN BROS. CO.

Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Boston, Mass.

HENRY R. COMLEY, Florist, 6 Park St.

50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

Mention the American Florist when writing

John C. Hatcher

Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Hoffmans, N. Y.

Mention the American Florist when writing

FREY & FREY,

1338 O Street, LINCOLN, NEB.
WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

El Paso, Texas.

Potter Floral Co.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Boston, Mass.

Penn The Florist

"Penn, The Telegraph Florist"

Member of Florists' Telegraph Delivery Ass'n.

124 TREMONT STREET

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

Mention the American Florist when writing

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

106 STATE STREET.

Mention the American Florist when writing

Toronto, Can.

Canada's best known and most reliable florist

Only the Best **Dunlop's**
8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee safe arrival.

Mention the American Florist when writing

Milwaukee, Wis.



J. M. Fox & Son, Inc.

437-39-41 Milwaukee St.

Members Florists' Telegraph Delivery Association.

Mention the American Florist when writing

THOS. F. GALVIN
INC.

NEW YORK 561 Fifth Ave.
BOSTON 1 Park Street
799 Boylston Street

Deliveries to steamers and all Eastern Points.

Mention the American Florist when writing

Trade Directory

Containing the Names and Addresses of Florists of the United States and Canada.

PRICE, \$3.00 POSTPAID.

American Florist Co., 440 S. Dearborn St., Chicago

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Cleveland, O.

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE
FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Members of Florists' Telegraph Delivery.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

PROVIDENCE, R.I.

and at T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE
—American Ass'n of Park Superintendents. 1370

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President; F. W. Bolgiano, Washington, D. C., First Vice-President; L. L. Olds, Madison, Wis., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fifth annual convention, June, 1917.

SEEDSMEN are disturbed over the Chicago freight strike.

ALL poultry foods will be higher in 1917, because of dry weather, reducing all grain crops.

MANUFACTURERS of agricultural implements are raising their prices, the advance running from 10 to 15 per cent.

MILWAUKEE, WIS.—Owing to drought home-grown Osage and local market melons are selling at 40 and 50 cents for specimens.

VISITED CHICAGO: C. H. Coy and family of Valley, Neb., on auto tour; L. B. McCausland, of Ross Bros. Seed Co., Wichita, Kans.

SPRINGFIELD, Mo.—The Springfield Seed Co. has purchased the stock and equipment in the downtown store of the Summerfield Floral Co.

GEORGE H. DICKS, representing Cooper, Taber & Co., Ltd., London, Eng., will arrive in the United States early in September, in the interests of his firm.

LOUISVILLE, KY.—D. B. Sperry will retire from business September 1. He has been in the seed and produce business here for 40 years, handling onion sets and seed potatoes principally.

CHICAGO.—Prices for grass seed on the Board of Trade, August 30, were as follows: Timothy, \$4.50 to \$5.25 per 100 pounds.—Drought has injured seeding of second crop red clover. The price of white clover is declining.

KANSAS CITY, Mo.—The United States Warehouse and Elevator has been purchased by the Rudy-Patrick Seed Co., of this city, from A. J. Stahl, the consideration being \$21,375. Improvements will be made which will bring the investment up to \$300,000.

HARRY A. BARNARD, who has called on the American trade for a number of years representing Stuart Low & Co., Enfield, Middlesex, Eng., is due to arrive at New York, September 1, on the S. S. Adriatic. His address while in the United States will be Hotel Al-ber, New York.

A MERGER of Pacific Coast fruit packers and canners with a capitalization of \$25,000,000 is rumored, the Alaska Packers' Association, California Fruit Canners' Association, J. K. Armsby, Griffin & Skelley and the Central California Canneries, being mentioned as possible factors in the combination.

Beans.

White beans are selling at \$7.50 per bushel in Michigan. To make any showing the bean crop in this state will require three weeks of good weather.

Early beans in the west will give fair results but the late crop has been damaged by aphid.

MUSCATINE, IA.—W. H. Hoopes, of J. E. Hoopes & Co., has the sympathy of the trade in the death of his wife, who died August 26.

Baltimore Seed Trade.

There are a number of large seed houses in this city, among others, Wm. G. Scarlett & Co., W. A. Simpson & Son and John J. Buffington & Co., jobbers, who deal almost exclusively in field seed, clover, cow peas, timothy, etc. Business in these lines has been very good during the past season, the war in Europe having helped the red clover situation, especially. This is



L. L. Olds, Madison, Wis.
Second Vice-Pres. American Seed Trade Ass'n

grown principally in France and Italy, and Germany, formerly a heavy buyer, being no longer a factor, the surplus sought a market in the United States. Although quite a lot has been sent to the bottom of the ocean there was plenty remaining to supply all demands.

J. Bolgiano & Son do a sort of department store business, handling practically everything required for the farm and garden in field and flower seeds and plants. This has been one of the best seasons in this firm's history.

Griffith & Turner Co., opposite the Lexington market, do a general seed and plant supply business. A fine trade is reported at this establishment during the entire season and sales still keep up well.

A splendid demand for seeds as well as for plants with a lively call for buddleias and tritomas, is the report of the Meyer-Stisser Co.

The Wiseman-Downs Co., Inc., enjoyed a very good plant and general business. They report a scarcity of sugar corn. Stowell's Evergreen, which was a popular variety, seems to be losing its germinating power, according to their report.

German Prizes for Beet Machinery.

The Association of German Sugar Manufacturers has again offered prizes for improvements in the harvesting and unloading of sugar beets, one of them—for 10,000 marks (\$2,380)—being for the best process and apparatus for drying the leaves and tops of sugar beets, according to Consul Talbot J. Albert, Brunswick.

Another prize is for the solution of the problem of a beet lifter and top-cutter. The association has already in the last 15 years awarded prizes of considerable amounts for the solution of this question. Every new competition has produced technical improvements in the existing implements used for these purposes, simplifying the tools and reducing the costs of manufacture. For the year 1918 a new competition with a prize of 10,000 marks will be instituted.

For the same year (1918) a prize of 15,000 marks (\$3,570) will be offered for the best mechanical contrivance for unloading sugar beets in small or large businesses. Prizes have been offered for this improvement in former years.

Holland-American Steamship Line.

This big Dutch bulb carrier has long been famed for its prosperity. Its latest 12 months' record surpasses all previous ones in earnings, and affords an illustration of the enormous profits now prevailing in trans-Atlantic shipping; net receipts over \$9,000,000 and a dividend of 50 per cent was paid on stock, a little less than \$5,000,000. Nearly \$4,000,000 was written off for depreciation, and with the writing offs of former years has reduced the big valuation of 21 steamships which cost nearly \$13,000,000 to less than \$2,000,000. Seven new steamships ranging from 8,000 to 12,000 tons each will be ready for delivery inside of six months.

A new Rotterdam company is forming, beginning with the Greek S. S. Macedonia, which can carry 2,000 passengers and 5,000 tons of freight.

Imports at New York.

During the week ending August 26, imports were received at New York as follows:

From London—
Peter Henderson & Co., 15 bags seeds.
From Rotterdam—
Stump & Walter Co., 1 bag seed.
H. H. Berger & Co., 12 cases bulbs.
MacNiff Horticultural Co., 6 cases bulbs.
From Copenhagen—
I. L. Radwaner, 366 bags seeds.
From Bermuda—
F. R. Pierson Co., 13 cases lily bulbs.
From Archangel, Russia—
To Secretary of Commerce, 241 bags clover seed, 427 bags vetches.

During the week ending August 19, horticultural goods were entered for consumption at New York as follows: Seeds, \$5,025; bulbs, \$6,510; plants, \$381.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited

Braslan

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, and SUNFLOWER.

Seed Growers

SAN JOSE, CALIFORNIA

Company



Boddington's Re-selected Winter-flowering
Spencers as grown by Wm. Sim,
Cliffondale, Mass.

WINTER SPENCER SWEET PEAS.

NEW CROP SEED READY FOR DELIVERY NOW.

	1 oz.	4 oz.	1 lb.
APRICOT ORCHID. Mostly apricot self.....	\$1.50	\$ 4.50	\$15.00
BELGIAN HERO. A beautiful rose.....	3.00	10.00	35.00
BOHEMIAN GIRL. Light pink.....	1.50	4.50	15.00
BRIDAL VEIL. Pure white.....	1.00	3.50	12.00
CHRISTMAS PINK ORCHID. Pink, white wings.....	3.00	10.00	35.00
MRS. A. A. SKACH. Bright pink.....	.65	2.00	7.50
MRS. JOHN M. BARKER. Lilac.....	1.50	4.50	15.00
MRS. JOS. MANDA. Light shell-pink.....	.65	2.00	7.50
MRS. M. SPANOLIN. Double; white.....	1.00	3.50	12.00
MORNING STAR. Self pink color.....	3.00	10.00	35.00
ORANGE ORCHID. Standard orange, wings dark salmon-pink.....	1.50	4.50	15.00
ORCHID BEAUTY. Rose-pink, with orange.....	.75	2.50	9.00
PINK-AND-WHITE ORCHID.....	.65	2.00	7.50
RED ORCHID. Bright cherry-red.....	.75	2.50	10.00
ROSE QUEEN. A pink of sterling merit.....	1.50	5.00	18.00
SENSATION. Newman & Legg's Christmas Pink Orchid.....	3.00	10.00	35.00
SENSATION SCARLET. Bright scarlet.....	3.00	10.00	35.00
THE OZAR. Rose, wings white, mottled pink.....	3.00	10.00	35.00
VENUS. Blush pink.....	1.50	4.50	15.00
WHITE ORCHID. Pure white.....	.65	2.00	7.50
YARAWA. Bright rose pink. Australian grown seed.....	2.00	7.00	24.00
California Grown Seed.....	.65	2.25	8.00

Mixed Spencers Winter Flowering, oz., 65c; ¼ lb., \$2.00; lb., \$7.50.

CYCLAMEN---Boddington's Gigantic

Sow in, August and September for Best Results.

	Tr.	100	1000		Tr.	100	1000
	pkt.	seeds	seeds		pkt.	seeds	seeds
CHERRY RED	\$0.50	\$1.00	\$9.00	PEACH BLOSSOM. Rose color.....	\$0.25	\$0.75	\$7.00
CRIMSON .....	.25	.65	6.00	PRINCESS MAY. Color pink..	.50	1.00	9.00
CRIMSON AND WHITE.....	.50	1.00	9.00	ROSE OF MARIENTHAL. Shell			
LILAC .....	.25	.65	6.00	pink .....	.25	.65	6.00
PINK. Soft pink .....	.25	.65	6.00	SALMON KING. Fine salmon..	.50	1.00	9.00
ROSE. Light rose .....	.25	.65	6.00	SALMON QUEEN. Salmon ....	.50	1.00	9.00
SNOWFLAKE. White .....	.25	.65	6.00	SALMONIUM SPLENDENS.			
SYRINGA-BLUE .....	.25	.65	6.00	Fine salmon-pink .....	.25	.80	7.50
WHITE BUTTERFLY .....	.50	1.00	9.00	WONDER (GLORY) OF WANDS-			
PHOENIX. Cherry-crimson ..	.50	2.00	18.50	BEK. Intense salmon-red ...	.50	1.00	9.00
PURPLE KING .....	.25	.80	7.50	MIXED .....	.25	.60	5.50
VULCAN. Rich crimson.....	.50	2.00	18.50				

Our Wholesale Catalogue of Bulbs and Seasonable Flower Seeds is now Ready. Free to Florists on Request. 5 PER CENT DISCOUNT FOR CASH WITH ORDER.

Arthur T. Boddington Co., Inc., 128 Chambers St., New York City

LILY BULBS

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Field-Grown Carnation Plants

Extra fine stock ready for immediate delivery. Order today.

	100	1000		100	1000
HERALD.....	\$5.00	ZOE SYMONDS.....	\$4.50	\$40.00
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Lilium Harrisii BULBS

	Per 100	Per 1000
5 in. to 7 in.....	\$ 5.00	\$40.00
7 in. to 9 in.....	9.00	80.00
9 in. to 11 in.....	22.00

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	Per 100	Per 1000
Mammoth size.....	\$1.75	\$12.00

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PAPER WHITE NARCISSUS
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Also Pepper, Egg Plant, Squash, Pumpkin,
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Beans, Peas, Sweet Corn, Onion, Turnip
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Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
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French "PAPER WHITE" Grandiflora



We offer, to arrive, a few dozen cases.
Third Grade, 12 ctm. and up.
(In case lots while unsold).....

\$7.85 Per 1000

Our **ADVANCE CONTRACTS** are being filled in full with regular grades, either 13 ctm. up or 14 ctm. up.

LILIUM FORMOSUM.

7 to 9-inch (250 to case).....**\$ 58.00** Per 1000
9 to 10-inch (180 to case)..... **80.00**
10 to 12-inch (100 to case).....per case, **\$12.00** 100.00

FREESIAS.

(Purity True).		Vaughan's Improved Purity.	
	Per 100	Per 1000	
1/2-in. to 5/8-in.....	\$1.25	\$10.00	1/2-in. to 5/8-in.....
3/8-in. to 1/2-in.....	1.00	7.00	3/8-in. to 1/2-in.....
			1.50 12.00

CALLAS.

1 1/4 to 1 1/2-inch.....per 100, **\$5.50** 1 1/2 to 2-inch.....per 100, **\$8.50**

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My New PRICE LIST of

Winter Orchid-Flowering Sweet Pea Seed

Has been mailed. If you have not received a copy, send Postal for it.

Part of new crop will be ready early in July.

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SEEDS All the leading
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Ask for Catalogues. **ROCHESTER, N. Y.**

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Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
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Growing Crops Given Personal Attention.

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Vegetable, Flower and Forage Seeds

Specialties—Giant Half-Sugar Mangel-Wurzel, Beet, Carrot, Celery, Dandelion,
Endive, Leek, Lettuce, Radish, Swiss-Chard, Swede and Turnip,
IMPORTERS OF—Red-top, Meadow Fescue, Blue **ENGLISH**
Grass, Sunflower, Timothy and Garden Peas. **CORRESPONDENCE.**

Our traveling salesman, **MR. LAWRENCE S. PAYN**, who has been calling on the American trade for many years past, is now in the United States and all mail should be addressed to him care **F. B. Vandegrift & Co., 15 Whitehall Street, New York.**

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Specialties: Lettuce, Onion, Sweet Peas, Asters,
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Large Growers and Shippers of

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Sweet Pea and Nasturtium Specialists.

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J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of
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Market Gardeners

Vegetable Growers' Association of America.

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Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held in
Chicago, September 26-29, 1916.

Prices of Indoor Fruits and Vegetables.

Chicago, Aug. 29.—Mushrooms, home
grown, 15 to 20 cents per pound; let-
tuce, tomato boxes, 40 to 50 cents;
radishes \$1.50 to \$2.00 per 100 bunches;
celery, 65 to 75 cents per box; to-
matatoes, four baskets, 35 to 75 cents;
cucumbers, per climax basket, 10 cents
to 25 cents.

New York, Aug. 29.—Celery, per
crate, \$1.75 to \$3.50; cucumbers, \$1.25
to \$2.25 per basket; mushrooms, \$1.50
to \$2.50 per 4-pound basket; tomatoes,
per carrier, 40 cents to \$1.50; radishes,
per 100 bunches, \$1.00 to \$1.50; lettuce,
per basket, 50 cents to \$2.00.

Vegetable Growers' Convention.

The annual convention of the Vege-
table Growers' Association of America
will be held at the La Salle hotel, Chi-
cago, September 26-29, 1916. The pro-
gramme includes an extensive trade
exhibit, round table discussions and ad-
dresses by leading gardeners, truck
farmers, greenhouse men, and represen-
tatives from various colleges, experi-
ment stations and the United States
department of agriculture. Marketing,
soil fertility, heating, packing, spraying
and other subjects will be covered in
the programme, which is being pre-
pared and will be announced soon.

An invitation to attend the conven-
tion is extended to everyone interested
in the work of the association. Ad-
vance indications predict the largest
and most enthusiastic convention ever
held. Hotel reservations at the La
Salle should be made early by mem-
bers of the association and others who
expect to attend. Additional informa-
tion regarding the convention and a
copy of the complete programme may
be secured by writing James B. Foley,
secretary, Chicago Convention Com-
mittee, 3100 South Spaulding avenue,
Chicago.

EAST SOMERVILLE, MASS.—McGarry,
The Florist, has closed his store at 79
Broadway, but will continue in busi-
ness at his residence, 5 Brook street.

Miscellaneous Plants.

	2-in.	2-in.	3-in.	3-in.
	100	1000	100	1000
Lantanas.....	\$2.00	\$18.50		
Moonvines, white and blue 2.00	18.50	\$3.00	\$25.00	
Farlowia, S. Scandens.....	2.00	18.50	3.00	25.00
Pompon Chrysanthemums 2.00	18.50			
Salvia, Bonfire and Zurich 2.00	18.50	3.00	25.00	
Swainsona, white.....	2.00	18.50	3.00	25.00

Celery, White Plume, \$1.00 per 1000;
10,000 and over, 85c per 1000. Self-
Blanching, \$2.50 per 1000.

Cash with order.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

OPEN THE SEASON WITH Craig Quality Stock Now Ready For Quick Selling

TEDDY, JR., FERNS

Fine young plants from 2½-in. pots.....
.....\$3 per doz.; \$7 per 100; \$60 per 1000
6-in. pots.....\$6 per doz.; \$45 per 100
4-in. pots.....\$20 per 100; \$180 per 1000
8-in. pots.....\$12 per doz.; \$90 per 100

NEPH. JOHN WANAMAKER

"The Wanamaker Boston Fern"

A "sport" from Nephrolepis Scholzei, with
longer, narrower, gracefully drooping fronds. It
is not so compact in growth as Scholzei, and
therefore does not decay in the center, and is a
durable house fern. It is a rapid grower, mak-
ing an abundance of fronds, and is quite dis-
tinct from any other Nephrolepis.

2½-in. pots.....\$8 per 100; \$75 per 1000
4 -in. pots, very heavy plants.....
.....\$25 per 100; \$200 per 1000
6 -in. pots, very heavy plants.....
.....\$6 per doz.; \$45 per 100
6 -in. pots, extra heavy plants.....
.....\$9 per doz.; \$70 per 100
8 -in. pots.....\$12 and \$15 per doz.
11 -in. tubs.....\$2.50 and \$3 each

NEPH. TEDDY, JR., SPORT

We think very well of this fern, it having all
the good qualities of its parent, Teddy, Jr. The
fronds are of darker green and more undulated.
2½-in. pots.....\$8 per 100; \$75 per 1000
4 -in. pots.....\$25 per 100; \$200 per 1000

NEPH. BOSTONIENSIS DWARF

This is a dwarf form of the old Boston Fern,
same character form and graceful habit.
2½-in. pots.....\$8 per 100; \$75 per 1000

NEPH. ELEGANTISSIMA IM- PROVED

This variety is a greatly improved Eleganti-
sima and shows no tendency to revert to the
Boston. This will prove a valuable addition to
the crested varieties.

2½-in. pots.....\$6 per 100; \$50 per 1000
6 -in. pots.....\$6 and \$9 per doz.
8 -in. pots.....\$12 and \$15 per doz.
Larger plants.....\$2, \$2.50, \$3 and \$3.50 each

NEPHROLEPIS SMITHII

The greatly improved Amerpohlii. It is a
compact form, much finer than Amerpohlii, and
does not break down in the center. The fronds
are carried on wiry stems. This variety will
have a wonderful sale up to a 6-inch pot, being
particularly showy for basket work.

2½-in. pots.....\$5 per 100; \$75 per 1000
4 -in. pots.....\$25 per 100

NEPHROLEPIS TODAEOIDES

London Fern. A good, strong grower.
2½-in. pots.....\$5 per 100; \$45 per 1000
4 -in. pots.....\$20 per 100; \$180 per 1000
6 -in. pots.....\$6 and \$9 per doz.
8 -in. pots.....\$12 per doz.
9 -in. and 10-in. tubs. \$24, \$30 and \$36 per doz.

NEPHROLEPIS BOSTONIENSIS

Wm. K. Harris

The finest variety for large plants, being a
great improvement over the old Boston.

2½-in. pots.....\$6 per 100; \$50 per 1000
4 -in. pots.....\$20 per 100; \$180 per 1000
6 -in. pots.....\$6 per doz.; \$45 per 100
11 -in. tubs.....\$2, \$2.50, \$3, \$4 and \$5 each

NEPHROLEPIS ROBUSTA

Place orders at once for Nephrolepis Robusta.
The Silver Medal Fern at the National Flower
Show, winning over all competition. We claim
this variety to be the finest of all crested Neph-
rolepis, being exceptionally fine in large sizes.
It is the strongest grower of all the Nephrolepis
Ferns, never reverts, and every plant is sym-
metrical and salable in all sizes.

6 -in. pots, strong plants..\$50 and \$75 per 100
8 -in. pots, strong plants..\$12 and \$15 per doz.
11 -in. tubs.....\$3 and \$3.50 each

NEPHROLEPIS SCOTTII

Our stock is in superb condition.
2½-in. pots.....\$5 per 100; \$45 per 1000
4 -in. pots.....\$20 per 100; \$180 per 1000
6 -in. pots.....\$6 per doz.; \$45 per 100
8 -in. three-quarter pots.....
.....\$12 per doz.; \$90 per 100
11 -in. tubs.....\$2, \$2.50 and \$3 each

NEPH. ELEGANTISSIMA COM- PACTA

A dwarf, compact form of Nephrolepis Elegan-
tissima, each plant making an ideal shape.

2½-in. pots.....\$6 per 100; \$50 per 1000
6 -in. pots.....\$6 per doz.
8 -in. pots.....\$12 per doz.

NEPHROLEPIS SCHOLZEI

This is an ideal crested Fern, holding the
same relation to all other crested ferns that
Scottii holds to the old Boston.

2½-in. pots.....\$6 per 100; \$50 per 1000
4 -in. pots, heavy.....\$20 per 100; \$180 per 1000
6 -in. pots, heavy.....\$6 per doz.; \$45 per 100
8 -in. three-quarter pots.....
.....\$12 per doz.; \$90 per 100
11 -in. tubs.....\$24 and \$30 per doz.

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4900 Market Street, Philadelphia, Pa.
BRANCH, NORWOOD, PA.

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HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES:

Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuces, Onions, Peas,
Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carna-
tions, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, Pansies, Petunias, Phloxes, Primulas,
Scabiosa, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES (mixed), the most perfect
and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ⅓ oz., postage
paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds,
and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

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SWEET PEAS==SOW SOON

WINTER FLOWERING—Spencer Types

Trade Packets contain one-quarter ounce	Trade Pkt.	Oz.	Lb.
Anita Wehrman. Clear lavender.....	\$0 25	\$0 75	\$9 00
Mrs. A. A. Skaach. Flowers bright shell pink.....	20	65	8 00
Mrs. J. Manda. Light shell pink, extra long stems.....	20	65	8 00
Mrs. M. Spanolin. Black-seeded white.....	25	75	9 00
Mrs. William Sim. Salmon pink.....	20	65	8 00
Mrs. Woodrow Wilson. Appleblossom pink.....	30	1 00	....
Pink and White. Blanche Ferry Type.....	20	65	....
President Woodrow Wilson. Magenta rose.....	30	1 00	....
Rose Queen. Beautiful rose pink.....	50	2 00	....
Selma Swenson. Clear light soft pink.....	30	1 00	12 00
Venus. Standard white, slightly blushed pink wings	25	75	....
White Orchid. White flowers of good substance..	20	65	....
Yarrowa. The color on opening is rose, changing as the flower develops to a light pink standard, tinted buff, with blush wings.....	20	65	8 00
Yarrowa Hybrids.....	20	65	8 00
Winter Flowering Spencers, Mixed.....	20	65	8 00

New Early Flowering Long Season Spencers

EARLY MORNING STAR The color is a deep orange scarlet or flame color in standard with rich orange pink wings.

25 Seeds, 25c; Trade pkt. (¼ oz.), \$1.25; oz., \$4.50 net.

EARLY SONG BIRD This will be the leading pale pink for Florists. The flower is the same color as "Florence Morse Spencer" and a bit lighter than "Elfrida Pearson." It has the same excellent form and features of Mrs. Hugh Dickson but is on white ground.

25 Seeds, 25c; Trade pkt. (¼ oz.), \$1.00; oz., \$3.50 net.

EARLY MELODY This is a deeper shade of pink than "Early Song Bird" on white ground, closely resembling "Countess Spencer" and near "Hercules." It might be described as rose pink on white ground.

25 Seeds, 25c; Trade pkt. (¼ oz.), \$1.00; oz., \$3.50 net.

EARLY SPRING MAID The color is light pink on a cream ground and the blossoms have the same splendid characteristics of "Mrs. Hugh Dickson" for a florist's flower.

25 Seeds, 25c; Trade pkt. (¼ oz.), \$1.00; oz., \$3.50 net.

EARLY SNOW FLAKE This is the best Early Flowering White Seeded Spencer. The blossoms are very large and of the best waved Spencer form.

25 Seeds, 25c; Trade pkt. (¼ oz.), \$1.25; oz., \$4.50.

EARLY HEATHER BELL The color is a rich but pleasing mauve, but after standing in water the color becomes a beautiful mauve lavender.

25 seeds, 25c; Trade pkt. (¼ oz.), \$1.25; oz., \$4.50 net.

WINTER FLOWERING—Unwin Types

	Trade Pkt.	Oz.	Lb.
Blue Jay. Bright blue self color.....	\$0 15	\$0 50	\$6 00
Lavender Nora. Most pleasing lavender.....	20	75

OUR FALL BOOK FOR FLORISTS IS READY; ASK FOR IT AT CHICAGO OR NEW YORK.

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VAUGHAN'S SEED STORE,

43 Barclay St.
NEW YORK

Greenhouses, Nurseries and Trial Grounds, Western Springs, Ill.

BELLE WASHBURN

BEST RED CARNATION

Field plants, all strictly first size ready for benching, \$12 per 100; \$100 per 1000

500 at the 1000 rate. The season has been exceptionally good for field plants in our vicinity and the plants are just right for benching.

Bassett & Washburn

GREENHOUSES:
HINSDALE AND GREGGS STATION, ILLINOIS.

178 NORTH WABASH AVENUE, CHICAGO, ILL.

Primulas

Chinese, choice mixed, in 2¼-in. pots. \$2.00 per 100
Forbesi, in 2¼-in. pots. 2.00 per 100
Malacoides, in 2¼-in. pots. 2.25 per 100

At present sold out of Obconicas;
may have more later.

ASPARAGUS Plumosus and Sprengeri, in 2¼-in. pots. \$2.00 per 100 —Cash—

JOS. H. CUNNINGHAM, Delaware, Ohio

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Smith's Revised Chrysanthemum Manual

(Third Edition)

By ELMER D. SMITH

Who has made a specialty of Chrysanthemum Culture for the last 25 years. The best work on Chrysanthemum Culture. Both amateur and florists have been provided with articles for their special needs.

106 Pages. Only 50c., postpaid.

ELMER D. SMITH & CO., ADRIAN, MICH.

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BOXWOODS—MOST BEAUTIFUL STOCK

Pyramids, 2 -ft. \$1.00 each
Pyramids, 2½-ft. 1.50 each
Pyramids, 3 -ft. 2.00 each
Pyramids, 3½-ft. 2.50 each
Standard Shape, 14x14 in. 2.50 each
Gloves, 14x14 in. 3.00 each
Heavy Bushes, 2-ft. 1.50 each
Nice Bushes, 15-in. 35c each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

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The Nursery Trade

American Association of Nurserymen.

John Watson, Newark, N. Y., President;
Lloyd C. Stark, Louisiana, Mo., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-second annual convention will be held at Philadelphia, Pa., June, 1917.

MANY California orchards are piped for the purpose of conveying spraying solution to the trees.

Gypsy Moth Quarantine on Stone.

The fact having been determined that egg clusters of the gypsy moth are being distributed on stone and quarry products from infested regions in New England, the secretary of agriculture has quarantined such sections and has ordered that no such material be moved interstate except in compliance with conditions of the quarantine. The district affected embraces specified towns in Maine, New Hampshire, Vermont, Massachusetts and Connecticut.

Rosa Jackii.

This beautiful rose was introduced into the arboretum from Korea several years ago by J. G. Jack, for whom it is named. It is one of the multifloræ roses and has long stems which lie flat on the ground, lustrous foliage and pure white flowers in wide many-flowered clusters. The flowers have the delicate fragrance of the musk rose. The hybridizer should be able to find in it a good subject from which to raise a race of hardy late-flowering rambler roses. It is now in bloom in the shrub collection.—Arnold Arboretum Bulletin, July 19, 1916.

Immune Chestnuts.

How to checkmate the new chestnut blight or bark disease that is causing such vast destruction is a problem of no small importance. From its obscure beginnings in eastern New York about 12 years ago, it has swept into 19 states, and now affects about all of the northern half of our native chestnut stands, doing damage estimated at close upon \$50,000,000. It attacks the trees in twig, branch, and trunk, causing death in a year or two, and soon recurs in the sprouts or suckers sent up from the still living roots. No native chestnut appears to be spared in the long run, but the little eastern bush chinquapin, with its smoother bark and comparative freedom from insect enemies, appears less readily attacked. The European chestnut, in its favorite varieties is also subject to the disease, but when we come to the chestnuts of Japan and China we find very great resistance, amounting in some varieties to almost practical immunity. There appears to be now no method of controlling this disease, which is caused by a fungus whose spores are carried about by birds and insects, creating new infections wherever they reach the sap wood or inner bark of the chestnut tree. There is no apparent diminution of its virulence since it came under observation.

The most obvious means of replacing the great losses of chestnut timber

and nuts would seem to lie in the substitution for our native forms the Asiatic species that best resist the disease, having evidently for ages been accustomed to its presence, and also to breed the chestnut as a valuable genus of forest trees, by hybridization and selection for the avowed production of varieties better adapted for our purposes.

Some chestnut breeding has already been accomplished in various parts of our country, and generally with good results. A promising experiment of this character has been under the direction of the Office of Forest Pathology of the Department of Agriculture for several years.

Hybrids between the highly resistant Japan chestnut and our native chinquapin have been raised in considerable numbers, quickly forming handsome dwarf trees, bearing at an early age profuse crops of nuts of excellent quality, five or six times the size of those of the wild chinquapin parent, and ripening weeks before any other chestnuts. So far these trees show a very high degree of disease resistance. The second generation of hybrids, grown from self or chance pollinated nuts, appear quite as good as their parents, which is an important feature when the cost of propagation of nut trees by budding and grafting is considered. Another line of breeding lies in the intercrossing of disease-resisting Japan and Chinese varieties that are rapidly being imported into this country by the Office of Foreign Seed and Plant Introduction, and selection of the best resulting forms. Four generations of cross-bred Japan chestnuts of a very early-bearing type, producing nuts when two or three years old, have already been grown, and the varietal characters appear to be well fixed. Some of the Chinese chestnuts are said to grow nearly 100 feet high in their home forests, and it may be possible by their use to replace in some measure our vanishing native chestnut stands, and perhaps develop very superior varieties during the process of acclimatization.

The hybrid chinquapins and cross-bred chestnuts referred to in this article are not yet available for distribution to the public for testing, since they are being held for further observations as to their varietal characters and the degree of disease resistance and for more extensive propagation.

OWN ROOT

ROSES

Pot grown
2 1/4 and 4-in.

Field grown
to pot 5 to 6-in.

THE LEEDLE FLORAL COMPANY
SPRINGFIELD-OHIO

For the Best New and Standard

DAHLIAS

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Peacock Dahlia Farms,

P. O. Berlin, N. J. Williamstown Junc., N. J.

TREE, SHRUB AND PALM . . SEED

For the Nursery and Florist Trade.

My seed is fresh and reliable. For Prices address

GEORGE H. HOPKINS,

EAGLE ROCK STATION, LOS ANGELES, CALIF.

Mention the American Florist when writing

ROSES, CANNAS

Shrubbery

THE CONARD & JONES CO.,

West Grove, Penna.

Mention the American Florist when writing

PEONIES and IRIS

Write for list.

PETERSON NURSERY

Stock Exchange Building, CHICAGO



JAPANESE
TEA GARDEN
—AND—

ROCKERY

For your summer house,
made in a short time,
T. R. OTSUKA,

300 S. Michigan Ave., Chicago.

— THE —

Storrs & Harrison Co.

PAINESVILLE NURSERIES

Catalogues and Price Lists
Free on Application.

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Hill's Evergreens

BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists Largest Growers in America
Box 404. DUNDEE, ILL.

Ornamental Nursery Stock

is handled with profit and satisfaction by hundreds of our florist customers. We grow the following lines in large quantities and are always glad of the opportunity to make quotations.

Field-Grown Roses, Flowering Shrubs, Perennial Plants, Climbing Vines, Ornamental Trees.

OUR CURRENT PRICE LIST will be gladly forwarded on request.

NOTE—Use printed stationery. We sell to the trade only, and do not knowingly compete with our customers by allowing our trade prices to get into the hands of private planters.

JACKSON & PERKINS CO.,

NEWARK, NEW YORK

CALIFORNIA PRIVET

Over Two Million Plants of SUPERIOR Quality.

All sizes from one foot to four feet. Very low prices in car-load lots.

Also Polish Privet, Amoor Privet and Berberis Thunbergii in quantity.

J. T. LOVETT, LITTLE SILVER,
NEW JERSEY

Mention the American Florist when writing

PAEONIA ROOTS Must Be Moved Now

Our \$20,000 stock of these contain the best
CUT FLOWER SORTS for Florists.

Write for complete list and ask us to make you a
\$25.00, \$50.00 or \$100.00 selection.

VAUGHAN'S SEED STORE, Chicago

FERNS IN FLATS

In Best Varieties
for Fern Dishes.

\$1.50 per 100

100,000 READY NOW

Write for Wholesale Catalogue of
FERNS, KENTIAS, ETC., to

H. PLATH

"THE FERNERIES"

Lawrence and Winnipeg Avenues,
SAN FRANCISCO, CALIF.

HILL'S CHOICE LANDSCAPE, DECORATIVE AND FORCING STOCK FOR FLORISTS' TRADE

Boxwoods—Pyramids, Standards, Globes, Bush, Dwarf—one of our leading specialties. Stocked in enormous quantities.

Bay Trees—Standards, Half-standards, Pyramids. We can save you money and give better quality. Let us prove it.

Hardy Tubbed Evergreens—Clipped specimens in Taxus, Thuyas, Juniperus, Abies varieties in Pyramids, Globes and natural-shaped, in large assortment.

Araucarias—Best sorts, best values, in both small and large sizes, for immediate effect and growing on.

Forcing Stock—Azaleas, Rhododendrons, Aucubas, Skimmia Japonica, Hydrangeas, Lilacs, Spiraeas, Magnolias, Japanese Maples, Wistaria Chinensis, Japanese Flowering Cherry, Peonies, Roses, in large assortment, choicest quality, best commercial sorts.

Wholesale price list will be mailed promptly on request.

Landscape Evergreens and Conifers—New, rare and standard varieties. Small, medium and large sizes supplied in perfect specimens, with ball and burlap. Largest and most extensive collection in America.

Window-Box Plants—Hardy Coniferous Evergreens for winter use. All hardy and desirable sorts, best selection, lowest prices. Also Bush Box and Dwarf Edging. This line offers wide-awake florists a grand opportunity to increase their sales and profits.

Deciduous Trees and Shrubs—Our leaders—Norway Maple, American White Elm and Japanese Barberry.

Young Stock for Lining Out—Ornamental Evergreens and Deciduous Trees and Shrub seedlings, rooted cuttings, grafts, etc., in large assortment at very low prices. Annual output, 10,000,000 plants.

Write for information and price today.

THE D. HILL NURSERY COMPANY, INC.

EVERGREEN SPECIALISTS
LARGEST GROWERS IN AMERICA

Box 404, DUNDEE, ILL.

WHOLESALE GROWERS AND IMPORTERS

DREER'S ARAUCARIAS.



ARAUCARIA (NORFOLK ISLAND PINE)

We have a good supply of Araucarias. You gain the benefit not only of a good part of the summer's and fall's growth by laying in your supplies now but to many points shipments by freight can now be made with safety at a saving of transportation charges.

Araucaria Excelsa

	Each
4-inch pots, 5 to 6 inches high, 2 tiers.....	\$0.30
5-inch pots, 8 to 10 inches high, 2 to 3 tiers.....	.40
5-inch pots, 10 inches high, 3 tiers.....	.50
6-inch pots, 10 to 12 inches high, 3 to 4 tiers.....	.60
6-inch pots, 12 to 15 inches high, 3 to 4 tiers.....	.75
6-inch pots, 16 to 18 inches high, 4 tiers.....	1.00
7-inch pots, 18 to 20 inches high, 4 to 5 tiers.....	1.25

Araucaria Excelsa Glauca

	Each
5-inch pots, 8 to 10 inches high, 3 tiers.....	\$0.75
6-inch pots, 10 to 12 inches high, 3 to 4 tiers.....	1.00

Araucaria Robusta Compacta

	Each
6-inch pots, 12 inches high, 2 to 3 tiers.....	\$1.00
6-inch pots, 14 to 16 inches high, 3 tiers.....	1.50
7-inch pots, 18 to 20 inches high, 3 to 4 tiers.....	2.00

The above prices are intended for the trade only.

HENRY A. DREER, 714-716 Chestnut St., PHILADELPHIA, PA.

Mention the American Florist when writing

Some Fine Stock.

	Per 100	Per 1000
2½-in. Asparagus Plumosus...	\$ 3.00	\$ 25.00
2½-in. Asparagus Sprengeri...	3.00	25.00
2½-in. Asparagus Hatcheri...	3.00	25.00
4-in. Asparagus Plumosus...	7.00	65.00
4-in. Asparagus Sprengeri...	7.00	65.00
2½-in. Begonias, 8 varieties...	6.00	55.00
2½-in. Chinese Primroses, 20 kinds.....	3.00	28.00
3-in. Cyclamen, 8 separate varieties.....	8.00	75.00
4-in. Cyclamen, 8 separate varieties.....	20.00	175.00
2½-in. Snapdragons, White, Pink and Yellow.....	4.00	35.00
5,000 Ferns in 5 varieties, fine stock, \$15, \$20 and \$25 per 100		
100,000 2 and 2½-in. Pot Geraniums in 28 varieties.....	2.25	20.00
Also abundance of other stock. Correspondence Solicited.		

ALONZO J. BRYAN, Wholesale Florist.
Washington, New Jersey.

Field Grown Carnation Plants

Ready for shipment at any time.

	Per 100	Per 1000
Good Cheer.....	\$8.00	\$70.00
Alice, Mrs. C. W. Ward.....	6.00	55.00
Enchantress Supreme.....	5.50	50.00
Enchantress.....	5.00	45.00
Rose Pink Enchantress.....	5.00	45.00
Beacon.....	6.00	55.00
Harlowarden, The Herald.....	5.00	45.00
White Wonder, White Enchantress.....	5.50	50.00
Yellow Prince, Yellow Stone.....	7.00	60.00

ELI CROSS
150 Monroe Avenue, GRAND RAPIDS, MICH.

PANSY SEED

For Present Sowing

Vaughan's International Mixture

This is one of the **Specialties** that has established the reputation of Vaughan's Flower Seeds, and one which we maintain most carefully. **You may pay more, but you can't buy better.** Trade pkt., 50c; ½ oz., \$1.50; ½ oz., \$5.00; oz., \$10.00.

Vaughan's Giant Mixture

The richest reds, coppers and bronzes, together with the most delicate rose and pink shadings. Trade pkt., 25c; ½ oz., 60c; oz., \$4.00; ¼ lb., \$14.00.

Vaughan's Cut Flower Mixture

Sold for years to Chicago Cut Flower Growers with most profitable returns for them. Trade pkt., 25c; ½ oz., 85c; oz., \$5.00.

Fall "Book for Florists" now ready. Ask for it.

Vaughan's Seed Store
CHICAGO NEW YORK

VAUGHAN'S
GIANT PANSY

GERANIUMS

Guaranteed to reach any point in the U.S. from Chicago East, in good growing condition, or they can be returned and your money refunded. I take all the risk. Summer prices.

S. A. Nutt and Buchner..... \$10.00 per 1000
Ricard and Poltevine..... 12.50 per 1000
ALBERT M. HERR, LANCASTER, PA.

Mention the American Florist when writing

CHAS. H. TOTTY

MADISON, NEW JERSEY

Wholesale Florist

Chrysanthemum Novelties my Specialty
Mention the American Florist when writing

Ready Reference Section.

10 CENTS PER LINE, NET.



AMPELOPSIS VEITCHI.

Ampelopsis Veitchi, 3 year, pot-grown, \$3 per dozen; \$20 per 100. Vaughan's Seed Store, Chicago and New York.

ARAUCARIAS.

Araucarias. For varieties and prices, see advertisement elsewhere in this issue. S. S. Pennock-Meehan Co., 1608-20 Ludlow St., Philadelphia, Pa.

Araucarias. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

ASPARAGUS.

ASPARAGUS SPRENGERI. Heavy, bushy, from 3-in. pots, \$3.75 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Asparagus plumosus, Sprengeri and Hatcheri, 2½-in., \$3 per 100; \$25 per 1,000. Alonzo J. Bryan, Washington, N. J.

ASPARAGUS PLUMOSUS, 2½-in., \$2.50 per 100. Cash please. Edgar Easterday, Nokomis, Illinois.

Asparagus plumosus and Sprengeri, in 2½-in. pots, \$2 per 100. Jos. H. Cunningham, Delaware, O.

ASPARAGUS SPRENGERI, 3-in., \$4 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

AZALEAS.

Azaleas. W. & T. Smith Co., Geneva, N. Y.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEGONIAS.

Begonia Chatelaine, 2½-in., \$3.50 per 100; 3-in., \$3 per 100; 4-in., \$15 per 100; 5-in., 25c each. Begonia Lorraine, 2-in., \$10 per 100; 2½-in., \$12 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS.

Erfordii, 3-in. \$6.00 per 100
Chatelaine, 2½-in. 3.50 per 100
ERNEST ROBER, Wilmette, Ill.

BEGONIAS—Immediate Delivery.

Per 100
Mrs. J. A. Peterson (new), 2½-in. pots, \$25.00
Per 1,000 200.00
JULIUS ROEHRS CO., Rutherford, N. J.

Begonia Vernon, 2-in. stock, \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Rex Begonias, 3-in., \$1 per doz., \$8 per 100. Elmer Rawlings, Allegany, N. Y.

BOXWOOD.

BOXWOODS.

PYRAMIDS. Broad, heavy specimens. 2 ft., \$1.90 each; 2½ ft., \$2.00 each; 3 ft., \$2.50 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee, Ill. Write for prices on larger sizes.

BUSH SHAPE. 10-12-in., balled, 30c each; 18-in., balled, 60c each; 30-in., balled, \$1.75 each.

THE D. HILL NURSERY CO., INC.
Box 404, Dundee, Ill.

BOXWOOD.

Bay and Boxwood Trees. Very choice stock. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

BULBS.

Bulbs, Lilium Formosum. Late dug bulbs, ready for shipment September 5. 7 to 9-in., 300 to case, \$7 per 100, \$60 per 1,000; 8 to 10-in., 225 to case, \$8.50 per 100, \$78 per 1,000; 9 to 10-in., 160 to case, \$10 per 100, \$95 per 1,000; 10 to 11-in., 140 to case, \$12 per 100; 11 to 13-in., 100 to case, \$20 per 100. Callas, California grown, fine well ripened bulbs, with live centre shoots, select size, \$9 per 100. Mammoth, \$12 per 100. Godfrey, 4-in. plants (ready September 20), \$15 per 100. Purity Freesia, ½-in., \$1.20 per 100, \$10 per 1,000. A. Henderson & Co., 211 N. State St., Chicago.

Bulbs, French Paper White Grandiflora. Write for prices. Lilium Formosum, 7 to 9-in., (250 to case), \$58 per 1,000; 9 to 10-in., (180 to case), \$80 per 1,000; 10 to 12-in., (100 to case), per case, \$12; \$100 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs, Lilium Harrisii for immediate delivery, 5-in. to 7-in., \$5 per 100; \$40 per 1,000. 7-in. to 9-in., \$9 per 100; \$80 per 1,000. 9-in. to 11-in., \$22 per 100. J. M. Thornburn & Co., 53 Barclay St., New York City.

Bulbs, Lilium Formosum and Paper White Grandiflora. For sizes and prices see advertisement on cover page of this issue. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, Imported, Narcissus, Hyacinths and Tulips. Freesias and Japan Lillies. Write for trade price list. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

Bulbs, Freesias. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Lily bulbs. Fall shipment from Japan, McHutchison & Co., 95 Chambers St., New York.

CALADIUMS.

Caladiums, finest fancy leaved varieties, 35c, 50c, 75c, \$1 and \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

CARNATIONS.

CARNATION FIELD PLANTS.

The season has been exceptionally good for growing field plants with us and we offer the following very choice plants:

BELLE WASHBURN, the best commercial red carnation, winner of prizes wherever exhibited, per 100, \$12; per 1,000, \$100.

BASSETT & WASHBURN.

178 N. Wabash Ave., Chicago.

We have the following to offer at 5c: 675 Herald, 500 White Enchantress and 200 Enchantress. These are good plants. Can ship on short notice. Cash with order. SIMANTON & PENCE, Falls City, Neb.

CARNATIONS.

FIELD-GROWN CARNATION PLANTS.

10,000 White Perfection ...	100	1,000
15,000 White Enchantress ..	6.00	\$50.00
20,000 Pink Enchantress ..	6.00	50.00

Ready for shipment now or will reserve for later delivery. We guarantee plants to be in healthy condition at time of shipment.

PITTSBURGH CUT FLOWER CO.,
Carnation Growers Pittsburgh, Pa.

FIELD-GROWN CARNATION PLANTS.

Very choice stock in these three varieties:
Enchantress \$5.00 per 100; \$45.00 per 1,000
White Enchantress. 5.00 per 100; 45.00 per 1,000
White Wonder.... 6.00 per 100; 50.00 per 1,000

SINNER BROS.,
158 No. Wabash Ave., Chicago.

Carnation plants, field-grown, extra fine stock for immediate shipment. Pink Enchantress, White Enchantress, Rosette, \$5.50 per 100; \$50 per 1,000. Philadelphia, Victory, \$5 per 100; \$45 per 1,000. White Wonder, Matchless, \$6 per 100; \$55 per 1,000. Wietor Bros., 182 N. Wabash Ave., Chicago.

Carnation plants, field-grown, extra fine stock for immediate delivery. Herald, \$5 per 100; Champion, \$5 per 100; \$45 per 1,000. Ward, Zoe Symonds, Washington, \$4.50 per 100, \$40 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Carnation plants, field grown, ready for shipment at any time. For varieties and prices see advertisement elsewhere in this issue. Ell Cross, 150 Monroe Ave., Grand Rapids, Mich.

CARNATION PLANTS, good field-grown stock. Philadelphia, Matchless, Champion, Comfort, Enchantress and others. \$5.00 per 100, HENRY SMITH, Grand Rapids, Mich.

Carnation Aviator. Field plants, good strong healthy stock, \$12 per 100; \$100 per 1,000. Delivery now. J. D. Thompson Carnation Co., Joliet, Ill.

Carnation plants, field grown. For varieties see advertisement elsewhere in this issue. The Leo Niessen Co., 1201 Race St., Philadelphia, Pa.

Field-grown Enchantress Carnation plants. Very fine stock, \$4 per 100; \$40 per 1,000. Percy Jones, 56 E. Randolph St., Chicago.

Carnations. F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS.

Emma—A Garza-Anemone, double pompon, pale pink; it's a dandy; you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now. \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

Chrysanthemums, Pompon variety, 2-in., \$2.00 per 100; \$18.50 per 1,000; 3-in., \$3.00 per 100; \$25.00 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CHRYSANTHEMUMS. Good commercial varieties, 2½-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

COLEUS.

Coleus, Emperor Wilhelm, 3-in., 8c each; 4-in., 15c each. Poehlmann Bros. Co., Morton Grove, Ill.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CYCLAMEN.

CYCLAMEN GIGANTEUM SEED.

Improved Wandsbek Type.

White, white with eye, light red, rose pink, bright red, dark blood red. Equal divided, \$6.00 per 1,000; including Glory of Wandsbek, \$1.00 per 100.

Glory of Wandsbek, dark and light salmon, separate, \$8.00 per 1,000; \$1.25 per 100. Improved Glory of Wandsbek, dark and light. Best salmon, some are nearly double flower, extra large and easy grower, good bloomer, \$10.00 per 1,000, \$1.50 per 100.

Roccoco erecta, new mixed color or separate. This variety is new and not to be compared with the old. Easy to grow, good bloomer, fit to grow in quantities, \$12.00 per 1,000, \$2.00 per 100.

ERNEST ROBER, Wilmette, Ill.

1,000 2½-in. Wandsbek cyclamen; good clean stock, \$6 per 100. D. G. GRILLBORTZER, Alexandria, Va.

DAHLIAS.

Dahlias. Best new and standard varieties. Peacock Dahlia Farms, Williamstown Junction, N. J.

DAISIES.

Daisies, A. E. Hunt & Co., 30 E. Randolph, Chicago.

DRACAENAS.

DRACAENA INDIVISA, 5-in., \$35.00 per 100; 4-in., \$15.00 per 100; 3-in., \$6.00 per 100. ERNEST ROBER, Wilmette, Ill.

DRACAENA INDIVISA, 5-in., 35c. Harry Heintz, West Toledo, O.

ERICAS.

Ericas, young stock for growing on, strong and well rooted plants out of 2½ and 2¼-inch pots.

Erica Fragrans Melanthora.....	\$10.00 per 100
" Regemina.....	10.00 " "
" Cupressina.....	15.00 " "
" Gracilis Autumnalis.....	10.00 " "
" Persoluta Rosea.....	10.00 " "
" Persoluta Alba.....	10.00 " "
" Globularia.....	10.00 " "
" President Carnot.....	15.00 " "
" President Faure.....	15.00 " "
" Ventricosa Rosea.....	15.00 " "

Cash with order, please.

ANTON SCHULTHEIS,

316 19th St., College Point, N. Y.

FERNS.

BOSTON FERNS.

	Per dozen.
4-inch	\$ 1.50
5-inch	3.00
6-inch	6.00
7-inch	9.00
8-inch	12.00
9-inch	15.00

The George Wittbold Co.,

737 Buckingham Place, Chicago.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias, H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns. Over 150,000 plants from 2-in. pots up. For varieties and prices see advertisement elsewhere in this issue. Robert Craig Co., 4900 Market St., Philadelphia, Pa.

Ferns, Boston, 4-in., \$15 per 100; 7-in., \$6 per doz.; 8-in., \$1 each, \$9 per doz. Large plants in 11 and 12-in. pots, \$2.50 and \$5 each. R. Vincent, Jr. & Sons Co., White Marsh, Md.

TABLE FERNS, best varieties, fine stock, 2-in., \$3 per 100, \$25 per 1,000; 3-in., \$5 per 100, \$40 per 1,000. HENRY SMITH, Grand Rapids, Mich.

BOSTON FERNS. Established from 5-inch pots, \$3 per doz.; \$20 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Fine Nephrolepis ferns. For varieties and prices see advertisement elsewhere in this issue. F. R. Pierson Co., Tarrytown, N. Y.

New fancy ferns, special picked. C. A. Kuehn, 1312 Pine St., St. Louis, Mo.

FREESIAS.

Freesias. Purity, California grown, 1st size, \$10 per 1,000; Mammoth, \$12 per 1,000; Rainbow, new and very fine, yellow, orange, lavender and pink, \$5 per 100; \$40 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia, Pa.

Fischer's Purity Freesia, direct from responsible grower. BROWN'S BULB RANCH, Capitola, Calif.

GERANIUMS.

GERANIUMS. Extra strong, 2-in., S. A. Nutt, Ruby (best dark red), Dagata, Ricard, Red Wing, Viand, Landry, La Favorite, Perkins, Oberle and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wylie, Aviator, Rogers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. F. H. DE WITT & CO., Wooster, O.

Geraniums, in good 3-in. stock at \$3 per 100; \$25 per 1,000; 2-in., at \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS. Mixed varieties, fine healthy plants, \$8.00 per 100. M. C. GUNTERBERG, 158 North Wabash Avenue, Chicago.

Geraniums, 100,000 in 2 and 2½-in. pots, in 28 varieties, \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, S. A. Nutt and Buchner, \$10 per 1,000; Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, S. A. Nutt, 2-in., \$1.65 per 100; \$16 per 1,000. Elmer Rawlings, Allegany, N. Y.

GREENS.

Greens. Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. Caldwell The Woodsman Co., Evergreen, Ala.

Greens. Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; lyrata, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

HYDRANGEAS.

HYDRANGAEA OTAKSA, 3-in., \$5 per 100. Flowering sizes, pot-grown, 25c to 50c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

SELECT IRIS.

The following varieties are specially selected for florists' use as cut flowers and landscape work. Have been tried and proven true. We have a surplus, hence the low prices. Prices are for single divisions, well grown and healthy. Packed free if cash accompanies order.

	100.	1000.
Mad. Cheran, white, frilled violet.....	\$2.00	\$15.00
Florentina Alba, white, tinted.....	2.00	15.00
laverdier.....	2.50	20.00
Queen of May, lilac pink.....	2.50	20.00
Darius, lemon yellow with purple.....	2.50	20.00
Ulysee, bronze and purple.....	2.00	15.00

ALTA VISTA NURSERIES, Davenport, Iowa.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

JERUSALEM CHERRIES.

Jerusalem Cherries, fine stock from 3-in. pots at 5c. JOHN B. TRIMMER, Hume, Ill.

LANTANAS.

LANTANAS, mixed, 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the valley. Finest in existence. For quotations address Otto Mann, Leipzig, Saxony, Germany.

LOPEZIA.

LOPEZIA RACEMOSA, a very neat Xmas plant covered with thousands of red flowers from Nov. until May. 2-in., 3c; very bushy out of 4-in., 7c. EMIL BAUDISCH, 753 Hamilton ave., No. Bergen, N. J.

MOONVINES.

Moonvines, lemon verbenas, swainsona, parlor ivy, S. scandens, alyssum, coleus, Salvia Bonfire and Zurich, cuphea, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PAEONIA ROOTS.

Paeonia roots, must be moved at once. Our \$20,000 stock of these contains the best cut flower sorts for florists. Write for complete list. Vaughan's Seed Store, Chicago.

PALMS.

Palms. For varieties and prices, see advertisement elsewhere in this issue. S. S. Pennock-Meehan Co., 1608-20 Ludlow St., Philadelphia, Pa.

LATANIA BARBONICA PALMS, 15-in. tubs; suitable for decorative work, \$5 each. Pandanus Veitchii, 15-in. tubs, \$5 each. HENRY SMITH, Grand Rapids, Mich.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th sts., Philadelphia, Pa.

Palms. Joseph Heacock Co., Wyncote, Pa.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. HENRY SMITH, Grand Rapids, Mich.

PEONIES.

French peonies can be shipped with celerity and security via Bordeaux-New York. Catalogue free. DESSERT, Peony Specialist, Chenonceaux, France.

PEONIES—\$20,000 worth of best named varieties at our nursery, Western Springs, Ill. Now is planting time. Let us quote you. VAUGHAN'S SEED STORE, Chicago and New York.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

Peppers, Bird's-Eye, bushy plants, 3-in., \$6.00 per 100, \$50.00 per 1,000; 4-in., \$12.00 per 100; \$100.00 per 1,000.

Peppers, Celestial, 3-in., fine plants, \$6.00 per 100, \$50.00 per 1,000; 4-in., \$12.00 per 100, \$100.00 per 1,000.

Jerusalem Cherry, strong 3-in., \$6.00 per 100, \$50.00 per 1,000; 4-in., \$12.00 per 100, \$100.00 per 1,000.

PYFER & OLSEM, Wilmette, Ill.

CELESTIAL PEPPERS, 5-in. pots, extra fine, full of fruit and flowers, 12½c each. Also 3-in. at 5c each. JOHN B. TRIMMER, Hume, Ill.

PRIMROSES.

PRIMROSES, Obconica, Chinensis and Malacoides, 2-in. pots at \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

POINSETTIAS.

POINSETTIAS, fine plants, \$5.00 per 1.00. HENRY SMITH, Grand Rapids, Mich.

PRIMULAS.

	100	1,000
Extra fine stock.....	100	1,000
2-inch	\$3.00	\$27.50
2½-inch	4.00	35.00
3-inch	6.00	50.00

PYFER & OLSEM, Wilmette, Ill.

PRIMULAS.

	100
Obconica, 2-in.	\$3.00
Malacoides, 2-in.	3.00
Malacoides, 3-in.	6.00

ERNEST ROBER, Wilmette, Ill.

Primulas, Grandiflora and Gigantea strain, only the choicest varieties; summer delivery, 2½-in., \$3 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Primulas, Chinese and Forbesi, in 2½-in. pots, \$2 per 100; Malacoides, in 2½-in. pots, \$2.25 per 100. Jos. H. Cunningham, Delaware, O.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

PRIVET.

California Privet, of superior quality, in all sizes from one to four feet. J. T. Lovett, Little Silver, N. J.

RESURRECTION PLANTS.

RESURRECTION PLANTS (Mexican Evergreen) scarce, per 100, \$3.25; per 1,000, \$25.00. Vaughan's Seed Store, 43 Barclay St., New York.

ROSES.**ROSES.**

2000 White Killarney, 2½-in., grafted, good big plants8c
 2000 Richmond, 2½-in., grafted, good big plants8c
 2000 Sunburst, 2½-in., own root, extra fine plants4c
 1000 Cecile Brunner, 3-in., own root, choice stock4c
 1000 Mrs. Geo. Sawyer, 2½-in., own root.4c
BASSETT & WASHBURN,
 178 N. Wabash Ave. Chicago.

Roses. Grafted 3½-in. stock: Pink and White Killarney, Brilliant, Milady, Ophelia, Old Gold, Cecile Brunner, Richmond, Scott Key, Elgar, \$140.00 per 1,000. Grafted 2½-in. stock: Pink and White Killarney, Brilliant, Ward, Milady, Old Gold, Richmond, Hoosier Beauty, Scott Key, Elgar, \$100 per 1,000. Own root. 3½-in. stock: Pink and White Killarney, Old Gold, Richmond, Scott Key, Brilliant, Elgar, Ward, Sunburst, \$96.70 per 1,000. Own root. 2½-in. stock: Pink and White Killarney, Scott Key, Sunburst, Richmond, \$56.70 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

FINE 2½-INCH ROSE PLANTS.

	100	1,000
Killarney	\$4.00	\$35.00
Richmond	3.00	25.00
Geo. Elgar (Baby Yellow).....	4.00	35.00
White Killarney	4.00	35.00

WIETOR BROTHERS.

L. D. Phone, Randolph 2081.
 162 N. Wabash Ave., Chicago.

ROSE PLANTS, Pink and White Killarney. 3-in. pots, own roots, \$6 per 100; \$50 per 1,000. My Maryland, 3-in., at \$8 per 100, \$75 per 1,000. All first-class stock. HENRY SMITH, Grand Rapids, Mich.

Rose Champ Weiland, strong grafted plants. \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses. 2½ and 4-in. pots, in a good assortment. The Ledlie Floral Co., Springfield, O.

Roses, cannas, shrubbery. The Conard & Jones Co., West Grove, Pa.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10.00 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seeds, contract growers of pepper; egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds. Spencer Winter-flowering Sweet Peas. Cyclamen. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington, Inc., 128 Chambers St., New York.

Seed. Spencer Winter-flowering Sweet Peas. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, contract growers of cucumber, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

SEEDS.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Dodge & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed. Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, tree, shrub and palm. For nursery and florists. Write for prices. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seed, Pansy. For varieties and prices, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, specialties: Lettuce, onion, sweet pea, aster, cosmos, mignonette, verbena in variety. Waldo Rohmert, Gilroy, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsley, parsnips, turnips. R. & M. Godineau, Angers, France.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Flower, sweet pea and nasturtiums. The L. D. Waller Seed Co., Guadalupe, Calif.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds. Vegetable, flower and forage. Simon Louis Freres & Co., Bruyeres-le-Chatel (Seine et Oise), France.

Seed. Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

Seed. High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds, flower, vegetable and farm. Wholesale only. Kelway's, Langport, England.

Seeds. Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seeds. Flower and garden. Barnard Seed Store, 231-235 W. Madison St., Chicago.

Seed. For the wholesale trade only. Brazilian Seed Growers' Company, San Jose, Calif.

Seeds. All the leading kinds for summer and fall planting. James Vick's Sons, Rochester, N. Y.

Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seed. Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seed. Flower and garden. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds which succeed. Landreth, Bristol, Pa.

SMILAX.

Smilax, strong new stock, 2½-in., \$2.50 per 100; 3-in., \$6 per 100; \$50 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SNAPDRAGONS.

3,000 4-in. fine snapdragons (Keystone). A fine pink, well branched, \$8 per 100. D. G. GRILLBROTZER, Alexandria, Va.

Snapdragons, New Pink, 2½-in. pots, \$6 per 100; \$50 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SPHAGNUM MOSS.

Sphagnum moss, 12 bales for \$10. Poehlmann Bros. Co., Morton Grove, Ill.

STEVIA.

Stevia, 2½-in., \$20 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SWAINSONA.

SWAINSONA, 4-in. pots, fine plants, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

THUNBERGII.

BERBERIS THUNBERGII seedlings. Fine, well rooted, 10 to 12-in., \$1.50 per 100; \$10 per 1,000. We will ship when wanted. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

VEGETABLE PLANTS.

FIELD-GROWN PLANTS, all varieties: Cabbage, \$1.00 per 1,000; \$8.50 per 10,000. Celery, \$2.00 per 1,000. Parsley, \$2.50 per 1,000. F. M. PATTINGTON, Scipioville, N. Y.

Celery, White Plume, \$1 per 1,000. 10,000 and over, 85c per 1,000. Self-Blanching, \$2.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

VINCAS.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

Vinca Variegata, 2-in., \$2 per 100. Elmer Rawlings, Allegany, N. Y.

MISCELLANEOUS.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Av., Detroit, Mich.

Choice landscape decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., box 404, Dundee, Ill.

Boller flues, cleaned and trimmed. Stuttle's clamps and elbows to join flues. H. Munson, 1353 N. Clark St., Chicago.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Straford, London, England.

Japanese tea garden and rockery for your summer house made in a short time. T. R. Otsuka, 300 S. Michigan Ave., Chicago.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Vaughan's perfection points. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Nursery stock of all descriptions. Catalogues and price lists free on application. The Storrs & Harrison Co., Painesville, O.

Florists' Greening Pins. Box of 10 lbs., \$1.50; 5 boxes, \$7.00. Geo. M. Angermueller, 1324 Pine St., St. Louis, Mo.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Calalogues. Large runs our specialty. Write for prices. Regan Printing House, 527 Plymouth Place, Chicago.

Baskets of every description. Write for catalogue. Raedlein Basket Co., 713 Milwaukee Ave., Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

MISCELLANEOUS.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Greenhouse glass. Write for prices. Okmulgee Window Glass Co., Okmulgee, Okla.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Boilers of high grade for greenhouses. Write for catalogues. Giblin & Co., Utica, N. Y.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Blooming plants or anything in soft wooded plants. Geo. A. Kuhl, Pekin, Ill.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Hail storm insurance. John G. Esler, Sadle River, N. J.

Glass, large stock and good prices. Sharp, Partridge & Co., Chicago.

Wired toothpicks, 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Greenhouse boilers, Kroeschell Bros Co., 452 W. Erie St., Chicago.

Emergency pipe clamps. M. B. Skinner & Co., 560 W. Washington St., Chicago.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

GREENHOUSE INSURANCE.

Cyclone and hail insurance; also insurance on growing crops while in the fields. The American Mutual Cyclone and Hail Insurance Co., Muncie, Ind.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Pecky Cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Special sash offer of high grade hot bed sash. For offer and prices, see advertisement elsewhere in this issue. Lord & Burnham Co., New York.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

INSECTICIDES.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Alpine, \$1 per qt.; \$2.50 per gal. Fungine 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nikoteen, for spring spraying: Aphis Punk, for fumigating. Nicotine Mfg. Co., St. Louis.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset flower, vegetable waterproof paper pots. Vaughan's Seed Store, Chicago and New York.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kohr, 2934-36 N. Leavitt St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far. 35c for 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

STAKES.

Cane Stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Rose stakes, extra stiff, No. 9 galvanized wire, 4 1/4-ft., \$13.05 per 1,000; carnation supports, \$18 per 1,000. The Carnation Support Co., Connersville, Ind.

WIRE WORK.

Florists' wire designs and fancy wire lamp shades. NORTHWESTERN WIRE WORKS, 223 13th Ave., N. E., Minneapolis, Minn.



FREE

This Fine
Budding Knife

For 2 New
Subscriptions.

American Florist Co.
440 S. Dearborn St., CHICAGO

WHOLESALE CUT FLOWERS.

American Bulb Co., Chicago, Ill.
Ambling Co., E. C., Chicago.
Angermueller, Geo. H., St. Louis, Mo.
Badgley & Bishop, Inc., New York.
Bassett & Washburn, Chicago.
Berger Bros., Philadelphia, Pa.
Berning, H. G., St. Louis, Mo.
Budlong, J. A., Chicago.
Chicago Flower Growers' Ass'n., Chicago.
Coan, J. J., New York.
Coyle, James, New York.
Crawbuck Co., George W., New York.
Erne & Klingel, Chicago.
Ford, M. C., New York.
Ford, William P., New York.
Froment, H. E., New York.
Goldstein & Futterman, N. Y.
Gunterberg, M. C., Chicago.
Guttman & Raynor, Inc., New York.
Hart, George B., Rochester, N. Y.
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Hoerber Bros., Chicago.
Holton & Hunkel Co., Milwaukee, Wis.
House of Ferns, New York.
Kasting Co., Wm. F., Buffalo, N. Y.
Kennicott Bros. Co., Chicago.
Kervan Co., The, New York.
Kessler, Wm. A., New York.
Kruchten, John, Chicago.
Kuehn, C. A., St. Louis, Mo.
Kuhl, Geo. A., Pekin, Ill.
Kusik & Co., H., Kansas City, Mo.
Kyle & Foerster, Chicago.
McCallum Co., Pittsburgh, Pa.
Meconl, Paul, New York.
Miller & Musser, Chicago.
Montreal Floral Exchange, Ltd., Montreal, P. Q.
Miller, Stuart, Philadelphia, Pa.
Murata & Co., S., Los Angeles, Calif.
N. Y. Cut Flower Exchange, New York.
Niessen Co., The Leo, Philadelphia, Pa.
Percy Jones, Inc., Chicago.
Philadelphia Wholesale Florists' Exchange,
Pierson, A. N., Inc., Cromwell, Conn.
Pittsburgh Cut Flower Co., Pittsburgh, Pa.
Poehlmann Bros. Co., Chicago.
Pollworth Co., C. C., Milwaukee, Wis.
Polykranas, Geo. J., New York.
Pyfer & Co., A. T., Chicago.
Randall Co., A. L., Chicago.
Reid, Edward, Philadelphia, Pa.
Reinberg, Geo., Chicago.
Reinberg, Peter, Chicago.
Rice Bros., Minneapolis, Minn.
Riedel & Meyer, Inc., New York.
Rusch & Co., Gust, Milwaukee, Wis.
Sheridan, W. F., New York.
Siebrecht, Geo. C., New York.
Thompson Carnation Co., J. D., Joliet, Ill.
Tonner, O. A. & L. A., Chicago.
Totty, Chas. H., Madison, N. J.
Traendly & Schenck, New York.
United Cut Flower Co., New York.
Vaughan, A. L., & Co., Chicago.
Weiland & Risch, Chicago.
Weiss, Herman, New York.
Welch Bros. Co., Boston, Mass.
Welch, Patrick, Boston, Mass.
Wictor Bros., Chicago.
Wittbold, Geo., Co., Chicago.
Young & Co., John, New York.
Zech & Mann, Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

Jack Frost

Is Just Around The Corner

First thing you know, he will jog your memory about those sash you ought to have bought.

We are jogging it gently now.

He won't care how roughly he does it.

His jogs, cost you money.

Our jogs, save you money.

Here then is our gentle jog in the form of a

Special Sash Offer

IT'S your chance to get right in on the ground floor and buy the right sash at decidedly the right price.

The remarkable thing about this offer, is, that in the face of the great advances in price of **all the materials** and labor that goes into the sash, still we are not raising the price a penny.

You can buy 25 to 50 or 100 sash this year at exactly the same Special Offer price you did last year.

But the Offer holds good for **30 days only**. After that, the chances are a sharp advance in price will be made.

Offer Price

UNPAINTED AND UNGLAZED

- No. 1. 25 Sash for \$26.50 and one Sash free
 No. 2. 50 Sash for \$52 and two Sash free
 No. 3. 100 Sash for \$101 and four Sash free

PAINTED, ONE COAT—UNGLAZED

- No. 4. 25 Sash for \$29 and one Sash free
 No. 5. 50 Sash for \$55.50 and two Sash free
 No. 6. 100 Sash for \$110 and four Sash free

For lots of over 100 a flat price of 99 cents each. This price does not include any Sash free

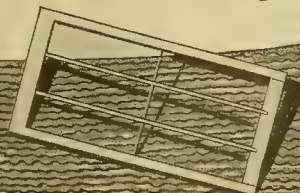
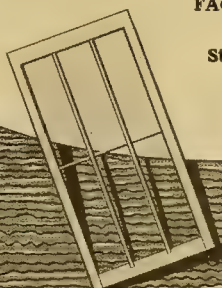
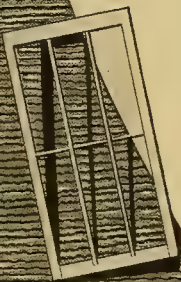
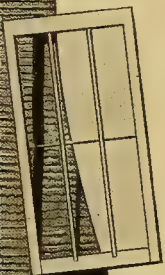
Lord & Burnham Co.

Builders of Greenhouses and Conservatories

SALES OFFICES

NEW YORK 42nd Street Bldg.	BOSTON Tremont Bldg.	PHILADELPHIA Widener Bldg.	CHICAGO Rookery Bldg.
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FACTORIES: Irvington, N. Y.
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Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.

Mention the American Florist when writing

A. HERRMANN

Baskets,
Florists' Supplies

404-412 East 34th St. NEW YORK

Prices Advancing.

Can anyone tell us why the grower should not pass this condition of advanced prices along to the consumer? He is charged an extra expense on everything bought; even labor comes at a much higher rate and shorter hours are demanded. The profits in the past must have been enormous, or else he is now compelled to sell his production at a loss.

Upon careful inquiry among representative growers, we find several who have made advances, but the majority are timid, claiming that their competitors would not advance, and that they would be unable to move their own stock, losing sight of the fact that everyone is facing the advance equally. The demand for good, clean stock has always been greater than the supply, and along this line, would it not be far better to grow less stock, grow it better and get a better price, than to continue crowding, which means partial neglect and also means selling at a lower price?

The writer agrees that everyone should receive a fair price and that the laborer should also receive fair wages. The main expense in production of everything is labor, and we are all paying more for this, and from present outlook will have to face other advances. The writer, while not a florist, is connected with the manufacture of goods used by the trade and is brought in daily contact with them and sees how the florist is compelled to face advance after advance, until he has reached a point where he will have to increase his selling prices to keep ahead of his growing and overhead costs, or else quit.

In my line the cost of labor has been 65 and 70 per cent of the cost of production, and with labor now about double the previous cost, it will be necessary to pass it on to the next fellow, the grower, or quit. It is certainly time something should be done to improve present conditions.

Some of the larger growers who issue printed price lists, have already increased—in some cases double—and it's up to the smaller florist to follow, or continue to do business at a loss.

It is up to you to start now and figure—then it will be your own fault if you fail.

P. M. READ.

WHICH DO YOU WANT?

Cast Iron Boilers—
FOOL Economy

OR

KROESCHELL BOILERS—
FUEL ECONOMY



False Ratings, Fuel Waste,
Danger of Breakdown,
Dealers' Profits—

OR

Honest Ratings, Safety,
Quick Heat, No Boiler Pits,
Factory-to-user Prices.

Read What the Users Say:

Cast Iron Boiler Cracked in Two Years

We have a No. 4 Kroeschell Boiler. It takes care of 7000 sq. ft. of glass; it would take care of twice that amount.

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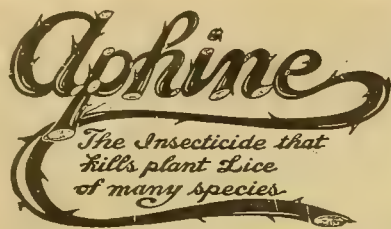
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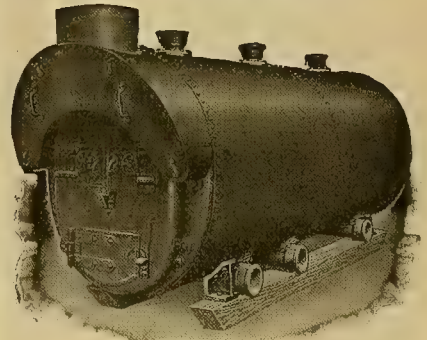
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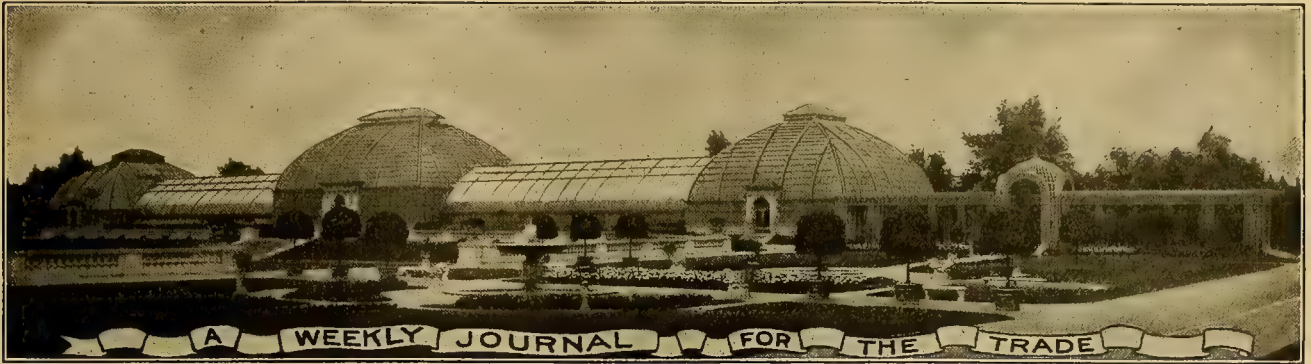
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Vol. XLVII.

CHICAGO AND NEW YORK, SEPTEMBER 9, 1916.

No. 1475

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

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conventions at New York, August, 1917; St. Louis,
Mo., 1918.

The County Fair.

The county fair is in full bloom
And every one is gay.
Lem Pollock's soaked with musk perfume
Just in the same old way.
Si Pivens makes his buttons fly
Hitting the swat machine.
One plugged Jim Simson in the eye
And made him fighting mean.

Matilda Dobson won the prize
Doing her schottische swing;
Whereat her rivals all made eyes
At Till, conceited thing!
Zeke Sugson squandered seven bones—
Shell game—it made him squint.
Say, that poor victim's undertones
Ain't decent words to print.

The baby show was something great;
One mother was made glad.
The winner won the endless hate
Of mothers who were mad.
Len Perkins dealt his cider out,
A nickel for a cup;
By heck! Len's beverage was stout
Enough to tank one up.

The Governor he made a speech—
But what he meant to say
Was lost, the babes began to screech
In a most scandalous way.
And now the folks are racing home,
Cahooting in the rain.
They're fading in the drizzling gloam—
Next year they'll come again.

—Kellee.

SUGGESTIONS FOR PLANT GROWERS.

Anemone Japonica.

One of the finest fall perennials is the Anemone Japonica, which is now in bloom, and if it is not included in the grower's stock at present, it should be procured. There are both white and pink, but for general use the former is to be preferred. Where the plants are in bloom a framework should be built over them that heavy cloth may be drawn over and protect them from the early frosts, and they will bloom for some two or three weeks yet. If it is desired to increase the stock, a plant can be lifted and the roots cut into several pieces about an inch long and the pieces inserted in the propagating bench and they will root in about four weeks. Put them in 2½-inch pots and when the roots have spread into the soil the pots can be placed under a bench and run dry until spring, when they should be potted in 3-inch pots and grown on until all danger of frost is passed and then planted out.

Cannas.

As soon as the frost kills the cannas, preparations should be made for the storing of the stock plants for next year. The tops should be cut off about six inches above the ground and removed from the field and not left lying around to attract cut worm millers. The roots should be dug and each variety should be carefully kept separate so that there will be no chance of their being mixed another season. Unless the weather is very severe they can be allowed to dry off a little before being housed, but if there is any chance of the night temperature dropping below the freezing point it is much better to get them under safe covering at once. Under a bench in a cool house is one of the best places to keep them during the winter months, but if the soil under the bench is inclined to be moist, boards should be placed running lengthwise of the bench and the canna roots placed upon these. They must, however, be looked over occasionally to see that they do not run too dry, for

there is just as much danger of losing the plants by their drying up as there is by their rotting from an excess of moisture. In placing the clumps under the bench set each variety by itself and leave space enough between it and another variety that it will be impossible, no matter what may happen, for them to get mixed. Mark each variety with a label, written plainly and in full. It takes but a few seconds longer to write the name in full and abbreviations are to be deprecated; we have known cases where the man who always does things in a hurry to abbreviate the name so short that when he tried to read them six months later he could not make out what name he intended to write. This is often a case where "haste makes waste." Attach the labels in such a manner that they will not become misplaced or lost.

Early Firing.

"Economy is wealth." This maxim has been drilled into the young for generations, but false economy is waste. And to put off starting the fires until all the plants have cold feet, and have received a check that is going to take them two or three months from which to recover is false economy. As soon as the temperature in the house drops below the point at which it should be maintained, it well pays to start the fires. Many nights at this time of the year at 8 o'clock the temperature outside will be above 60°, but by morning it has dropped to 40°, and if the houses are closed the glass will be covered with moisture, the house cold and damp. This condition is not at all conducive to good growth, and gives the plant a check from which it often takes it some time to recover. It is far better and a money-making proposition to have the fires going and the proper temperatures maintained. The small expense of a little coal burned and the few weeks' wages of a night foreman that are necessary will be more than made up in the excellence of the crop. At this season of the year there will occur cold, stormy days when a little

heat will be necessary to keep up the growing temperature all day. This is the time to look over all the piping and see if the boilers are working right. If steam heat is used see that none of the pipes have dropped from their fastenings and have made pockets in the circulation. If this has happened, fasten them up and straighten out the flows. Turn on the valves and see if they leak, and if they do repack them; in fact, it is good policy to repack all valves every fall, whether they actually need it or not, for they will require it before the winter is over. This early firing will also give the opportunity to spread sulphur and nicotine extracts on the pipes and keep the insects and mildew from getting a foothold. Looking at this question from all sides, early firing is an economical proposition and should not be neglected.

Cleaning Up After Frost.

Every spring, from all sections of the country, come reports of the great amount of damage being done by cut worms in the fields of many growers, and as they are very difficult to combat in the open ground, a great loss is consequently the result. While the cut worms are unsuccessfully fought in the spring, they can be overcome by a little labor spent in the fall. The moths lay their eggs in the fall on any vegetation that is left, either weeds or the refuse of the crops that is allowed to remain on the ground either standing or lying around. It is therefore clearly understood that the best thing to do is to clean up the field of all vegetation and burn it up or cover it with soil and make manure of it, and then plow the ground and turn under any small weeds that might harbor the eggs. Deep fall plowing pays anyway in the crop for the succeeding year, improving the soil, and if this small amount of work will get rid of the cut worms it will amply repay for all the labor and expense. Many use this old rubbish for the covering of tender stock, but leaves and straw are far preferable for this purpose. The vegetation that is left after being killed by the frost is too full of water and will lie too close, and after the fall rains, will make too compact a mass upon the plants which it is intended they should protect, and as the freezing weather comes on become a solid mass of ice. It is much better to put all this rubbish in a compost pile and cover it with earth. The fermentation will kill all the insects and their eggs, and it will make fine manure for pot culture, or if this is not done dry it out thoroughly and burn it. The appearance of the ground will be improved, the soil benefited and the worms killed by giving the field a thorough cleaning and plowing.

Bouvardias.

As the weather becomes cooler the pinching back of bouvardias should cease and the flowering shoots be allowed to grow. The plants should be well established in the bench or pots and making good growth. Give them a cool, light situation and with all the ventilation possible; these plants are of cool nature and relish plenty of good fresh air. If grown too warm, bouvardias soon become infested with insects and stop flowering, and the plants are quickly ruined. Keep the soil free from weeds and well stirred on the surface, and be careful not to overwater

until the roots have filled the soil. Keep a lookout for both aphids and red spider; the aphids quickly cover the soft, tender growths, and if the weather is warm the plants become quickly infested with spider. Constant syringings and frequent fumigation is necessary to keep these pests in check and insure a good crop of flowers. Keep the plants tied up in shape that the stems may be straight and erect.

Hydrangeas.

The hydrangea plants in the field should be now potted and made ready for winter quarters. If the plants have still a strong succulent growth they can be left standing out where the wood will be given a chance to ripen



Dahlias and Gladioli.

off. After potting they should be given a good watering that the soil may be settled around the roots, but after that the plants should be sparingly watered. The main object at this time is to harden the plants off and ripen them up. Never mind if the foliage wilts to some extent, for it is desirable that this should all drop off before storing away for the winter. A few frosts will be of benefit, but as the weather is uncertain they should be placed in a position where they can be conveniently covered and protected from a severe freeze. While it is desirous to harden up the wood and plump up the flowering bud, yet too hard a freeze will kill the bud. As soon as well ripened they should be placed in cool quarters where they will remain dormant until it is time to start them.

WESTERLY, R. I.—Louis Rankin will open a flower shop in the Rhode Island hotel building as soon as alterations are completed.

ANDERSON, IND.—The Union Traction Co. will build one house, 25x60 feet, to house the plants used at its stations during the summer.

BALTIMORE, MD.—Premiums are offered in 85 classes in the floricultural section of the Maryland week exhibition, which will be held at the Fifth Regiment armory in this city, November 14-18. Copies of the premium list may be had upon application to T. B. Symons, secretary, Maryland Horticultural Society, College Park, Md.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

The Dahlia as a Cut Flower.

With the first cool days of September, the dahlia, the most gorgeously colored flower of the year, is ushered in. Coming as it does at a time when there is generally a scarcity of other flowers, it is most welcome, and on account of its comparatively low price is handled in quantity.

Dahlias, while field grown and apparently of great vigor, must be handled with the greatest care; they must not be subjected to draughts or be allowed to wilt. From the plant to the box in which they are transported, they should have as little handling as possible. In the case of all large or fancy sorts, they should be packed but one layer to a box and not disturbed until exposed for sale in the retail store. The present methods of packing in shallow, corrugated pasteboard boxes, several crated together, appears ideal and can scarcely be improved upon.

For all kinds of decorations in the early fall they are wonderfully effective; when used in connection with autumn leaves, their brilliant reds, yellow, pink, orange and variegated blending nicely with the golden brown and green of the oak leaves. The large loose petaled cactus sorts are very showy, as are also the immense singles of the Century type. Dorothy Peacock, the splendid pink, and Jack Rose, the elegant crimson, are high grade in every respect and suitable for the choicest box. For sale as loose flowers by the dozen at a moderate price, to encourage the purchasing of flowers at the opening of the season, they should be kept in stock in quantity. Liberal displays in the window, one day one color, the next another, are sure to attract attention. One or more show baskets, with a number of smaller ones nicely filled and ready for immediate delivery to be most effective, all of one color, will be found good sellers.

The dealer does not want to do things by halves—he must get enthusiastic; he must make up his mind that he is going to sell dahlias, and then talk dahlias and do everything else he can to impress his customers that they, being the flower of the season, are the most popular and suitable for almost any occasion. They will make up beautifully into sprays or wreaths and will bring as much as almost any other flowers if properly finished with suitable ribbons, etc.

For a table centerpiece or more elaborate dinner decoration, very beautiful effects can be produced with the many highly colored forms of this flower. The Geisha Girl with its huge parrot like coloring of orange and red will, in connection with croton leaves and sprays, together with fronds of some of the crested varieties of Boston fern, make an attractive table. Except to be made up into work as a foundation, dahlias more than a day old should not be sold. They may look all right, but if placed in a warm room, or where a draught may strike them, will soon wilt and fall apart and make a serious nick in somebody's reputation.

The following are a list of varieties that are best suited to be sold as cut-flowers, their keeping and carrying qualities being of the best:

Fancy—John Wanamaker, Geisha Girl.

White—Perle du Parc, Perle de Lyon.

Crimson—Jack Rose.

Red—Lyndhurst, Standard Bearer, H. Shoesmith, Cuban Giant.

Yellow—Melody, Arabella, Golden Wedding, Yellow Duke.

Orange—Minnie McCullough, Country girl.

Pink—Dorothy Peacock, Delice, Kriemhilda, Marjorie Castleton, Sylvia.

Singles—Gigantea alba, Cardinal Century, Gladys, Golden Century, Anna Long, Rose Pink Century, Fringed Twentieth Century, Wildfire Century.

K.

Dahlia Troubles and Diseases.

Few ornamental plants are more vigorous and free from disease than the dahlia, but like all others dahlias have their failings, and the more familiar we get with them the greater the variety of difficulties we encounter. Fortunately, experience brings also the knowledge how to counteract them.

In going over the list of things which interfere with dahlia perfection, I may not bring much knowledge to the expert grower, but I may give some warnings to beginners. Scarcely any of the dahlia diseases have been investigated by scientists, though the occurrence of a number are on record in works on plant diseases. I would be pleased to hear of any additional dahlia difficulties, and especially to call up from the old masters of dahlia culture, valuable experiences in controlling or preventing them.

The natural requirements of the dahlia are an open situation with abundant light and air, a constant medium temperature and water supply, and an easily drained but water retaining soil of moderate fertility. The horticulturist's art may enable us to improve on these, but the beginner will do best to keep as near them as possible.

Probably the worst dahlia disease is a constitutional trouble something like the "curly dwarf" disease of potatoes. The plants are dwarf, bushy, and subject to sunburn, and with poor flowers or none. I first reported this disease in 1909. Stone published a note on it in Massachusetts in 1911, and others have discussed it since. The cause is obscure. It seems to be carried over in the roots and there is some indication that there is less of it on plants grown from cuttings. It has been abundant in both wet and dry seasons.

Root rots due to various causes are frequent. A species of *botrytis* is the most common root rot fungus. It is most severe on stored roots in moist, warm conditions with poor ventilation. The fungus enters through breaks or cuts in the surface, but does not attack perfect roots, according to Dr. Cook of New Jersey, who has investigated it. On the other hand we have the common case of the shrivelling up and death of roots from too dry storage conditions. Several other kinds of fungi and bacteria may attack dahlia roots that have been injured by too much water in the soil, exposure to freezing or other causes, and cause rots.



DAHLIA BASKET.

Another root trouble, which in some varieties is a natural characteristic, is the failure to make fleshy roots. Many claim that plants grown from cuttings do not form normal roots, but it is certainly true that plants from both cuttings and seeds often do make full-sized roots. If some one can find a way to develop buds from roots, as is done so easily with sweet potatoes, it will be a great advance in dahlia propagation, but so far the stem seems to be the only part that will produce new stems, as some beginner every year learns to his sorrow.

Wind is the main enemy of the stem. The brittle stem is the most vulnerable part of the dahlia, but this has been greatly improved by selection, the better modern varieties having much stronger and dwarfer stems, and also by cultural and pruning methods. But the "no stakes" goal has not yet been reached.

Powdery mildew is about the only parasitic leaf trouble, and it rarely does much damage except to the lower leaves in late summer. Many varieties are not injured at all by the mildew, while others alongside them may be covered with it, sometimes so bad as to interfere with blooming. Halstead found that spraying with fungicides easily checked it.

Wilting of the leaves is a symptom of too hot sun or of too little water in the soil; but I have seen wilt due to

root injury from too much water in the soil.

Two fungi interfering with the flowers are known. A *phoma* sometimes attacks the flower stems, making the flowers small or causing them to drop before opening. In 1909 I found a fungus blight of the petals, but have made no further investigation of it.

The main flower failures are from climatic conditions. The hot sun of our summers is disastrous. The petals wither up, or are badly colored, or the flowers open one-sided, or the growth is so soft that the flowers have no endurance when cut. Sometimes the tips of petals and leaves are even dried up and killed. Choice exhibition flowers can be protected by a cloth cover overhead. This is a good precaution, too, when there is danger from early frost. For the average dahlia garden, however, we must depend on keeping back flowering till the hot weather is over or cutting back the earlier growth to get new vigorous flowering stems in the fall.

The variation in flower color from deep shade to strong sun is often much greater than between two similar varieties. Too much shade not only gives lighter flowers, but may almost suppress flowering, as will also too rich soil or too deep cultivation in the blooming period, but too little water and plant food may produce the same result. Both color and doubleness vary

so with the season that two or three years' observation is necessary before one can know the character of a new variety. A heavy frost is usually the end of the flowering season, but frost seems to injure the buds least of all and they sometimes open after the stems and leaves are killed.

Singleness or poor centers is said to be induced by excessive forcing and taking cuttings from weak shoots. Double varieties are also said to degenerate into single in more southern climates; but I am inclined to think that the appearance of open centers under certain conditions in normally full double flowers is more a varietal peculiarity. Varieties with bad centers or that open so slowly that the outer rays wither before the center is expanded can best be remedied by substituting better ones for them.

There are also a number of troubles due to insects which cannot be fully discussed here: Borers which destroy the inside of the stem or cause it to swell, grasshoppers, spotted cucumber beetles and aster beetles that eat the leaves and flowers, aphids, and, not least in injury, if smallest in size, the red spider.—Prof. J. B. S. Norton, Pathologist, Maryland Agricultural College, in American Dahlia Society Bulletin.

Shasta Daisies.

ED. AMERICAN FLORIST:

Will you kindly tell me what you can about growing Shasta daisies in a greenhouse for commercial purposes in the winter and in Georgia? P. C.

The plants of Shasta daisies for growing in a greenhouse should be healthy, vigorous roots with good crowns. Old stools with the centers gone will not do. The best results in growing these plants in the greenhouse are obtained from young plants from seed early in the spring, then transplanted, afterwards potted and carried through the summer in four-inch pots, plunged outside in frames. When such plants are not at hand, I would advise selecting the plants that were divided and transplanted early in the spring and now have good, healthy crowns. Give them a live soil, such as is used for growing violets, and grow cool at all times. Shasta daisies will not stand hard forcing, but should be allowed to grow along as near naturally as possible, which ought not be a very difficult matter, as far south as Georgia. The plants can be benched after a batch of early chrysanthemums have been taken from the house; water sparingly until the growths commence to come up, and be sure the plants have ample head room for the development of their flowers.

C. W. JOHNSON.

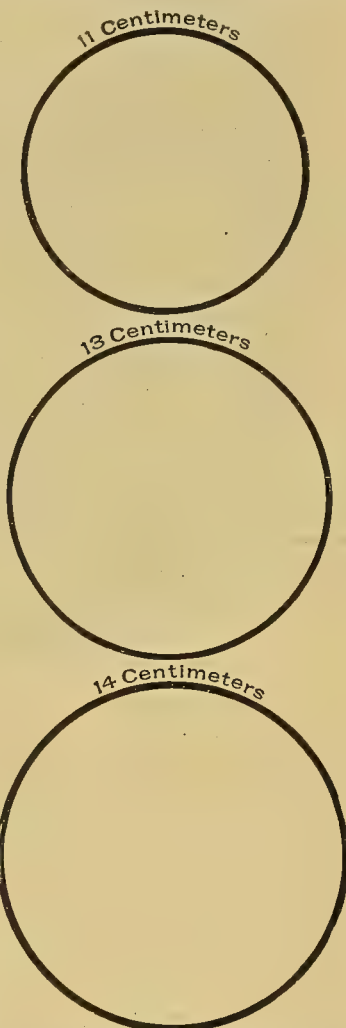
Acres and Acres of Glass.

That the love of plants and flowers is ever on the increase is shown by a list of private conservatories and commercial greenhouses, orders for the erection of which have been placed with the Lord & Burnham Co., of New York, Philadelphia and Boston, during the past three months. These houses cover a ground surface of one and three-quarter million square feet, or approximately 42 acres. Were all other greenhouse builders in the United States to add their total for the same period, it would certainly give encouragement to the craft and prove the business of the country was in an exceedingly healthy condition.

CHRYSANTHEMUMS

Taking the Buds.

This is one of the most important parts of the work in caring for the plants being grown for cut blooms. Taking the buds means selecting or leaving the bud to form the flower, and is done by removing all the side shoots or buds, leaving the center bud for producing the flower. Starting August 10, when the buds on the early and



French Bulb Measurements.

Paste on Heavy Cardboard and Cut Out the Holes With a Sharp Knife, Then Pass the Bulbs Through.

some of exhibition varieties can be taken, the work extends through August and the greater part of September. During the early part of September most of the varieties which we call the standard commercial sorts, will set their buds and these should be taken as soon as large enough to handle safely without damage. The late varieties that have received close attention to the work of keeping their side growths picked off will set their buds during the later part of the month; these buds are the ones that we are looking for, and should also be taken as soon as large enough to properly handle.

After the buds are taken, the wood of the plant quickly begins to swell,

and any side growths that have been missed will grow rapidly and exhaust the plant if not removed. The same can be said of the suckers which shoot out from the stool of the plant. It should be a rule of the grower to go over his plants every few days and remove any shoots or suckers as they appear.

Another very important part of the plants' care is to see that they are properly supported to insure straight, stiff stems, because no matter how fine the blooms may be unless they are carried on stiff, straight stems a great deal of their value is lost.

Spraying with the insecticide to keep the aphids in check should be carried on regularly at least once a week, this being a very critical time, for if the pests are allowed to get down into the forming buds, they will check their development and ruin them for fancy blooms. It is also reasonable to expect that we shall shortly have evenings cool enough to allow for fumigating to be done, and whenever the opportunity presents itself to do this work, it is a good plan to take advantage of it. There should be a let-up in the syringing of the plants from this time on. They are now heavy with foliage, so that they do not dry off as quickly as they did. The nights are also very much cooler with a great deal of dampness in the atmosphere so that one syringing a day on bright days is plenty. On wet days the plants should be held dry, but when the syringing is done, it is very important that the under part of the foliage is reached to keep the plants free from red spider which are very troublesome at this time, especially in localities where the outdoor conditions are very dry.

If you are growing the pompon and single varieties with several stems to the plant, it is a big job to keep them supported, but it is just as important to attend to them in this respect as it is with the single stem stock.

The plants being grown in bush form, either for exhibition or commercial purposes, will require constant care. Should they have been grown in a bench with the intention of putting them up for pot sales, they should now be potted up to get well established before the buds commence to set, also so that they will be well rooted in the soil before offering them for sale.

Attend to the work of training out the branches of the large specimen plants so that none of them will be broken and half the season's work lost. These large specimens require lots of room and plenty of light and air for their proper development. They must also receive close attention as regards watering. They should not be allowed to suffer for the want of water, neither should they be kept in a wet condition all the time, but allowed to dry out well between each watering so as to keep the soil sweet and assist the roots to continue in their growth.

C. W. JOHNSON.

HOUSTON, TEX.—The new greenhouse of the park department, one of the most modern in the state, has been completed.

ST. LOUIS, Mo.—Henry Young & Son are building one house in which stock will be grown for their store at 4651 Maryland avenue.

Seedling Gladioli at Fordhook.

As a summer cut flower there is nothing quite so brilliant as the present types of gladioli—America and Mrs. Francis King are varieties that have proved almost sensational in their rapid appreciation by the public. There are also a number of other good sorts, equally beautiful, but not so well known, which are worthy of a place in any collection. The improvement in the past 10 years has been very marked. The old *Gandavensis*, a popular type at one time, is not now mentioned in any of the modern and up-to-date lists. This is also the case, with many of the varieties that were leaders in their day. The W. Atlee Burpee Co., Philadelphia, Pa., at their Fordhook trial grounds, have taken up this gorgeous flower with the idea of getting sorts that will bloom the first season from seed. They began crossing the early flowering *Præcox* with the *Nanceianus* and *Primulinus* sections, and have had wonderful results, obtaining fine spikes of bloom in August on plants, the seed of which was sown about April 20th in cold frames, with a little bottom heat from about four inches of manure. The bulbs, or corms, when removed in the fall, measure as much as 2½ inches in diameter, and these produce exceedingly fine flowers the second year. The colorings of many of these seedlings are wonderful in their almost rainbow hues, the shades of salmon pink, lavender pink, pure pinks light and dark, with blotches or edgings of other colors being distinct from any existing sorts. There are shades of yellow from sulphur to bright or deep orange, and a great line of reds, together with some almost spotless whites. This great variety of form and color, together with the earliness of bloom, cannot fail to give renewed interest and add to the popularity of this gorgeous summer blossom.

Geo. W. Kerr, the expert hybridist of Fordhook, has had charge of this work and keeps a record of every cross and the result. Bulbs, or corms, are not considered; it is seed that will produce these beautiful flowers in one season that Mr. Burpee is after. The present trial block, containing about 100,000 plants, has for the past month been the most beautiful spot on the grounds. A late planting to be in at the time of the exhibition of the American Gladiolus Society in Atlantic City the last week of August were just commencing, August 16, to throw up their spikes.

There is much to interest the flower lover to be found at Fordhook, the trial beds having a little of almost everything grown in the garden. Every new variety offered by other seed-houses gets a tryout here to determine its merit. A very large collection of asters were just setting buds, and mammoth zinnias in blocks of separate colors, so far apart that they will not get mixed, were wonderfully fine. So it was with petunias, pansies, marigolds and a host of other garden favorites. Blocks of scarlet sage were wonderful in their blaze of color. Lord Fauntleroy is the best dwarf scarlet salvia, being a good grower, yet very compact and floriferous. Dahlias did not bloom well at Fordhook until they were cut back and got new succulent growths; these then flowered abundantly. Samples of all seeds, before

they are packed, are sent to Fordhook and tried out as to their vitality. They are sown in rows close together and all numbered, and the results, as soon as possible, are credited to the number. Nothing is ever sent out without this test. They make over 20,000 vitality tests each season. Early single summer flowering chrysanthemums that flower the first year from seed, sown inside in February, were a feature, as well as double Japanese sorts that were grown from cuttings which also bloomed in the summer out of doors. All these were just coming into very profuse flower. Mr. Kerr says they will produce very large



Burpee's Fordhook Hybrid Gladioli.

blooms, much the same as those grown inside, if disbudded. Harvest Home and Crawford's White were sorts conspicuous amongst them. Wonderfully large leaved coleus with brilliant colorings were seen in frames, grown for seed, as were large blocks of fibrous-rooted begonias. Duchess of Edinboro, a large flowered pink, was very striking. One could fill pages with the beauties of Fordhook. Its location is ideal on high ground in the midst of most productive farm lands. It is, withal, the pride of that Napoleon of seedsmen, W. Atlee Burpee, whose home is the center of this great experimental garden and seed farm.

K.

Culture of Commercial Ferns.

Paper by E. J. Hayward, Montreal, Que., read at the nineteenth annual meeting of the Canadian Horticultural Association at Berlin, Ont., August 8-10, 1916.

When I was asked by our secretary, Julius Luck, to write a few notes on the "Culture of Commercial Ferns," he impressed upon me to make the article as short as possible. The writings in ferns and their culture have been very extensive; this is on account of the fact that they have been among the most attractive plants in cultivation. So I feel that I may not be able to say anything new as to their cultivation.

The growing of ferns is such a broad subject, and as I have to abide by the secretary's wishes, I will only take up the culture of the purely commercial varieties. A few years ago, ferns were chiefly grown for the fall trade, but they have increased so much in popularity that they are being asked for practically every day. And the up-to-date florist always carries a stock on hand at all seasons of the year.

RECOMMENDED VARIETIES.

Under the heading of everyday varieties I would recommend the following: *Nephrolepis Bostoniensis*, *Harrisii*, *Scotti*, *Teddy*, Jr., *Roosevelt* and *W. K. Harris*. Lace or fringed varieties: *Amerpohli* (the baby breath fern), *Whitmani*, *Whitmani compacta*, *elegantissima*, *Elegantissima compacta*, the *Tarrytown* fern, *superbissima*.

CARE OF YOUNG STOCK.

One of the principal points in the culture of ferns is to have a good strong healthy stock of young plants. To obtain these, plant out on a bench a number of every variety you wish to grow. These will throw out large numbers of runners, which the young sports spring from. When the young plants from the runners have grown large enough to handle, they can be separated from the parent plant, and two or three young plants put together and potted into 2¼-inch pots. The idea of putting two or three young plants together is to make a good solid crown. This can be attended to as fast as the young plants are ready, until you have sufficient stock for your season's work. The old plants can then be potted up and disposed of. All that is necessary to carry the young plants through the winter months is a good light bench with a temperature of about 55 to 60 degrees, with sufficient moisture. During the winter the young plants make very little growth; in fact, top growth is not desirable. The whole aim is to throw as much strength into the crown as possible, and any young leaves that make extra growth can be shortened back with the knife, which will be a benefit to the young plants, instead of an injury. During the winter months the plants will require but very light waterings, if sufficient moisture is given.

The end of May and the early part of June is a busy time for the fern grower, as by that time the young plants will require to be shifted into their summer quarters. Before this is done the fern house should be thoroughly overhauled; benches should be repaired if required, all woodwork and glass thoroughly cleaned, and the house put into a perfectly healthy condition.

SOIL.

I find the soil best suited for their requirements is the top sod, cut from

an old pasture of fairly light nature. This is stacked in a heap the previous year, and to every second layer of sod give a good layer of old decayed manure (cow manure, if possible), but if this cannot be obtained, manure from old wornout hot beds can be used. By the following year, this will be in perfect condition for cutting down with the spade, and with the addition of some air slacked lime, and some sand, if the soil is of a heavy nature, this will give you a fine compost and will suit the requirements of most of the commercial varieties.

POT AND BENCH CULTURE.

There are two methods of growing ferns—pot culture and bench culture. They both have their advantage, and also disadvantage. If you grow ferns for a general shipping trade, I would strongly recommend pot culture, as they are more easily handled and lend themselves to packing more easily, where a bench grown fern taken directly from the bench, and shipped, would in nine cases out of ten, arrive at its destination in very poor condition. Most of our fern growers, even for home trade, are sticklers to the pot culture, as they claim a better and more uniform fern can be grown in the pot than on the bench, but if you have a local trade for large plants, especially of the *Bostoniensis* variety, you can quite safely bench your ferns, and in potting them up off the bench put two or three plants together in a 7 or 8-inch pot, and let them get established before sending out. You will then have a fern that for largeness will be hard to beat by a pot grown plant.

For the fringed or lace varieties, I would recommend pot growing, in every case, as they can be then grown in shelves, where they will have more benefit of air circulation than if bench grown; this will help avoid dampness, which the fronds of these delicate varieties are subject to if not carefully grown.

In potting up your ferns, which should be commenced the end of May or the early part of June, use ample drainage—some broken pots, also a small layer of hard coal ashes. On top of this place a layer of old mushroom manure; old mushroom manure can also be mixed with the soil at the rate of one part to four parts of soil. (Some of our Quebec growers use hops taken from the brewery, but as Ontario will soon be entirely prohibition, I would recommend to you old mushroom manure as a substitute.) In potting ferns, do not pot them too firmly. Remember that ferns like a loose soil. (If you grow ferns in benches the same soil can be used as for potting. A depth of three or four inches is quite sufficient.)

SHADING.

From the end of May, ferns require some shade. I use a mixture of lime, coarse salt and coal oil, put on the outside of the glass. This will stand the weather. Do not use too heavy a shade, but just enough to keep the leaves from burning.

WATERING.

After potting or benching, give the soil one good soaking of water; after that water sparingly; in fact, keep them always on the dry side, but keep sufficient moisture in the house by frequent syringings, but never syringe late in the evening, and always avoid damping the leaves of the lace varieties. By the middle of August increase

your ventilation, and by September give all the air possible and remove most of the shade, as the leaves will require hardening up before being sent out to stand the wear and tear of the store or reception room.

PESTS.

Mealy bug, thrip and scale are the worst pests to the fern. They are generally caused by insufficient moisture; keeping the ferns well syringed will help keep them in check.

SMALL FERNS.

Before I close, it would not be fair for me to overlook the small fern, as it is safe to say there are more of



Burpee's Fordhook Hybrid Gladioli.

these little ferns used than any other plants grown by the florist; as there are so many different ways these small ferns can be used that they are being asked for every day. The following collection will give a good variety: *Pteris Wimsetti*, *tremula*, *Wilsoni*, *serrulata*, *magnifica*, *alba-lineata*, *Mayi*, *Victoria*, *aspidium*, *Cryptodium falcatum*; also *Asparagus plumosus* and *Sprengeri*. Spores of these small ferns can be sown at any season of the year, but it is best to make different sowings, say, July, October, and December. A good light soil, finely screened, and some shallow boxes well drained make a good place to germinate the spores. Sterilize the sod by watering the boxes, after they have been filled with sod, with boiling water. After the boxes are cooled off, the spores can be sown, covering the boxes with glass and shading with pa-

per, and placing the boxes in a moist temperature at about 65 degrees. As soon as the first little fronds are formed, the little plants should be transplanted into other boxes in clumps. This is a very delicate operation and must be done with great care. The young plants should be kept in a good warm temperature, and the soil kept well stirred. When large enough they can be potted up into 2½-inch pots, and kept spaced out as they grow. Before shipping to the store, they should be put in a cool house for a few weeks to harden them up. In filling pans of these small ferns, it is best to fill them a few weeks ahead to get established before sending out.

There has been much discussion and complaints about the wholesale price of ferns. I regret that time does not permit me to take this up at the present, but probably at some future convention I may have the privilege of bringing that question before you.

Trees and Shrubs in Modern Gardening.

Year by year the study and cultivation of all kinds of trees and shrubs for ornamental as well as for economic purposes are becoming more pronounced in temperate countries, and more so perhaps in the British Islands than anywhere else. In every public park and garden, and in almost every private garden of any size and reputation, there are now to be found trees and shrubs that 20 and 30 years ago were either unknown, or were only in the infant stage in a few nurseries that made a specialty of them. Public opinion has been gradually educated to their beauty for landscape purposes by the exhibitions that have been held regularly in London, and garden lovers have thus had an opportunity of seeing for themselves exactly what the plants were like. Several more or less modest treatises have been published as to their garden value, and these have played a part in bringing the newer species and varieties into greater prominence, and have also focussed attention anew upon some of the older favorites. At one time coniferous trees and shrubs appeared to be all the rage, and large numbers were propagated and planted throughout the country. Of late years, however, as the floras of the United States and North America generally, and also of China and Japan, became better known, it was found that these countries possessed a wealth of arboreal beauty in other families of plants that were well worthy of the planter's attention. Hence, a stage has now been reached that it has become necessary to bring all the information regarding them together into a convenient form. This has been accomplished by W. J. Bean, the assistant curator of the Royal Gardens, Kew, in two handsome volumes entitled, "Trees and Shrubs Hardy in the British Isles."

The work will be highly appreciated by American florists, as it deals with all the trees and shrubs of North America that are in any way suitable for growing in the open air in Great Britain and Ireland. The author is peculiarly well qualified for the work he has undertaken, as he has had the enormous advantage of being able to make full use of not only the magnificent collections at Kew, but also of the herbarium of trees and shrubs

which has been in course of formation there for the past 30 years, at first by the late George Nicholson, and for the last 13 years by himself; and there are very few of the descriptions in the work that have not been made from authentic material—living or dried. The two volumes contain altogether over 1,400 pages of letterpress, and are illustrated by about 60 half-tone plates, and a very large number of line drawings from the pencil of Miss E. Goldring, daughter of the well-known landscapist.

In an historical introduction, the author does honor to those tree lovers and collectors who have passed away, but he connects them up with the labors of E. H. Wilson and George Forrest, who are still with us in the prime of life, and to whom we owe so many good things from the Chinese empire. This historical survey shows that for over 360 years the introduction of trees and shrubs from temperate climes has been going on at intervals and the names of well known collectors, patrons and nurserymen are enshrined in the first volume. Mr. Bean then deals with what may be termed the cultural side of the tree and shrub growing in general, and gives valuable advice as to the preparation of soils, propagation, transplanting young and old trees, pruning and general care, and gives lists of those suitable for various purposes, such as street planting, for hedges, for wet and dry situations, for the ornamental appearance of their foliage, etc.

The author deals with the various genera in alphabetical order, and gives the leading characteristics of the more important ones. This system, while generally convenient when one knows the name of any particular tree or shrub, does not readily help one to discover the name of one that may be for the time being nameless, as there is no guide to the systematic relationship between one family and another given. Each species is also described with sufficient minuteness that there is no possible chance of mistaking it for anything else. And, so far as these descriptions have been tested, they may be relied upon implicitly for their accuracy.

Cultural notes are given for each genus, and in certain cases also for any species that require a modification of the general instructions. Mr. Bean's great experience in the culture and management of the trees and shrubs in the Royal Gardens, Kew, entitle him to be heard with respect on this subject, and his advice may be taken as that likely to lead to success in the great majority of cases, even when the climatic conditions are different from those of Kew. There are one or two points, however, on which one may express a difference of opinion with the author. For instance, he says that olearias like a light, loamy or peaty soil "free from lime." This may, of course, mean that it is not necessary to add lime to the soil in which these shrubs grow, but one is likely to get the impression that if lime is present in the soil it will prove injurious to the plants. As a matter of fact, *Olearia Haasti* seems to thrive in any kind of garden soil and to attain quite large dimensions; and there is no doubt that a certain amount of lime is nearly always present. This warning against lime is generally emphasized in the case of rhododendrons and most

other ericaceous plants, and Mr. Bean follows with the advice that these fine ornamental plants must be grown in a sweet, well-drained loam, especially if it be of a sandy nature and "free from calcareous matter." How it is possible to get a soil of this nature "free from calcareous matter" no one knows; nor would it be desirable to have a soil altogether free from lime, as the various analyses that have been made of rhododendrons conclusively prove that this substance is present in large quantities in the ash of these plants. It is now also well known that many of the newer Chinese rhododendrons grow naturally in limestone formations, as does *R. hirsutum* in the European Alps. It is no doubt generally true that "rhododendrons as a whole abhor lime," but this does not mean to say that rhododendrons will grow in soil in which there is not a trace of lime. Indeed, it would not be possible for them to do so, when one comes to consider how essential it is to have a certain percentage of lime in the soil to enable all green-leaved plants to carry out their natural functions.

As a standard work of modern arboriculture, this book will for many years to come hold the first place, and owing to the increasing love for this style of gardening, it is possible that the demand for a really reliable work will be so great that we shall see a new edition in a very short time from now. W.

Hurricane Proof Greenhouses.

The range erected two years ago by the Foley Greenhouse Manufacturing Co., Chicago, for the Casa de Flores Greenhouses at Corpus Christi, Tex., made an enviable record recently, when, although in one of the most exposed sections of the city, it withstood the force of the worst West Indian hurricane ever known in that locality, the wind attaining a velocity of 90 miles an hour.

Don E. Curtis, manager of the establishment, in a letter to the Foley Greenhouse Manufacturing Co., under date of August 20, reports that notwithstanding the fact that buildings throughout the city, some within a block of the greenhouses, were razed to the ground, the entire water front of the city destroyed and every ship in the harbor wrecked, his entire loss was covered by 11 boxes of glass. There was practically no damage whatever to the stock inside.

Pacific Coast Horticultural Society.

The monthly meeting of the Pacific Coast Horticultural Society will be held in Sachem hall, Redmen's building, 240 Golden Gate avenue, San Francisco, Saturday evening, September 27. A special feature of the evening will be the entertainment and smoker, under the able supervision of James Keegan. The attention of the members is also directed to an outing to be given by the Garden City Pottery Works, of San Jose, September 10. Mr. Raymond is prepared to show the visitors a new and interesting installation of the latest machinery for making flower pots. Lunch will be served at noon and those who will attend should kindly notify Secretary Walter A. Hofinghoff, 141 Powell street, San Francisco, as early as possible.

OBITUARY.

William S. Lyon.

William S. Lyon, the foremost expert in botany and horticulture in the Philippine Islands, died at St. Paul's hospital, Manila, July 14. He had been operated on July 11, his illness having been diagnosed as general peritonitis and this, with perforation of the intestines, which followed, caused his death. He underwent an operation for appendicitis in April (a common occurrence among elderly people in the tropics) and while it was hoped he would recover, a relapse came, which led to his death.

The news of the passing of William S. Lyon will bring regret to many men in many parts of the world, as his work was as well known throughout England, Germany and Belgium as it was in the United States, perhaps more so, as the greater part of his business was transacted in European countries. He was also held in high esteem and deservedly respected, both for his personal qualities and attainments as a scientist. Mr. Lyon was born in 1852. He graduated from Amherst College and later served as chief of the state board of forestry in California. He came to the Philippines in 1902 as an expert in botany and horticulture and soon became recognized as a man of remarkable ability and extraordinary vigor. He left the government service in 1905 to engage in the business of collecting and exporting orchids, continuing this pursuit until his death. He was the most reliable orchid collector in the Orient—perhaps the only one that could be depended upon to produce plants of quality, and to his energy and foresight the phalaenopsis has come to take its place, second to none among the spray orchids in the commercial trade of Europe.

At the Nagtahan Gardens, as his establishment in the Balic-Balic was called, were to be found a most interesting and educational collection of plants from the tropical world—not alone orchids, but many kinds of trees and shrubs, hardly one of which did not have an orchid clinging to its branches; a truly wonderful place for anyone to visit who desired information in such matters.

During a recent visit, Mr. Lyon remarked to the writer: "It is worth living in a place like this, but to live here year after year, and accomplish results a man's wife must be his chum and partner." And indeed, Mrs. Lyon took as much pride in the place as did her husband. During the conversation, he seemed very optimistic regarding the future trade in orchids. As the war had put a stop to exportations to Europe, he stated that he intended to devote all his energies to trade in the United States, as he realized the future there was for the orchids from the Philippines.

When the St. Louis exposition was attracting attention, one of the most interesting of its features was the consular exhibit, Mr. Lyon being at the time a member of the board which arranged the exhibit, and he was in charge of the large exhibit of Philippine orchids which delighted many visitors to the Panama-Pacific exposition at San Francisco last year.

His family were at his bedside when death came, surviving him being his widow, a son, Ward W. Lyon, and a daughter, Mrs. Johnston, who have the deep sympathy of a host of friends. A. B.

Mrs. John Aldous.

Mrs. Aldous, wife of J. Aldous, Sr., Iowa City, Ia., died at her home there September 3. Mrs. Aldous was the mother of Arthur Herrington, New York, by her first marriage.

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We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
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RENEW your subscription now.

GERMANY planted 55,000 acres of flax this year to supply much needed fibrous materials.

Slippery Greenhouse Walks Dangerous.

The danger of slippery walks in greenhouses was emphasized recently when a lady visitor to a greenhouse on a private estate at Lake Forest, Ill., lost her footing on a slippery passageway, her head crashing through a glass door and causing injuries which necessitated her removal to a hospital.

Farmer Versus Manufacturer.

In comparison with the farmer, the manufacturer has a cinch. The farmer has to be a dietitian, an executive, a manager of men, a salesman, a collector of bills, a first-class mechanic, a diagnostician, and must have the manufacturing instinct, besides. What other business is there which comprehends so much?

American Dahlia Society Bulletin Notes.

Plans for the exhibition which will be held at the American Institute in New York, September 26-28, are progressing splendidly. Many valuable prizes will be awarded and an excellent show is anticipated. Copies of the premium list may be had upon application to W. A. Eagelson, secretary, board of managers, 25-33 West 23d street, New York, to whom all entries and correspondence should be sent. The annual meeting will be held on the afternoon of the first day.

Prof. F. H. Hall, vice-director of the New York agricultural experiment station at Geneva, and family have the sympathy of many friends in the death of his eldest son, which occurred unexpectedly August 21.

The August number of the Bulletin contains several interesting papers among them being "Dahlia Troubles and Diseases," by Prof. J. B. S. Norton; "Staking Dahlia Plants," by Prof. F. H. Hall, and "Long Distance Shipping for Exhibition," by E. T. Barnes.

The Anti-Dumping Clause.

Washington, D. C.—Although it will probably go through the house in its present shape, the unfair competition or anti-dumping clause of the revenue-raising act is so defective that it can not be effective. Through an oversight, apparently, it prohibits merely the sale in the United States of foreign-made goods at prices substantially below prices prevailing in country of origin. But there is nothing in it to prevent an American textile manufacturer, for instance, from going to Germany and making his purchases at dumping prices there, shipping all the dyestuffs he needs back to his own plant. So long as he doesn't sell the dyestuffs in America he is safe. Further more, in order to punish an importer selling at dumping prices it will be necessary to prove that he intended to drive some American manufacturer out of business. The whole clause depends upon "intent." It will be no protection at all.—Boston News Bureau.

Coming Exhibitions.

[Secretaries are requested to supply any omissions from this list, and to correct any dates that may have been altered since the last advices.]

September 2-9, Cleveland, O.—Fall Flower Show, Edgewater Park. Timothy Smith, chairman flower show committee, 1393 West Twenty-fifth street, Cleveland; M. A. Vinson, 1393 West Twenty-fifth street, Cleveland, exhibition manager.

September 12-13, Providence, R. I.—Fall flower show, Rhode Island Horticultural Society, Narragansett hotel. E. K. Thomas, secretary, Kingston, R. I.; Eugene Appleton, exhibition manager, Broadway, Providence, R. I.

September 18, Orange, N. J.—Annual exhibition of the New Jersey Floricultural Society. Geo. W. Strange, secretary, 84 Jackson street, Orange.

September 26-28, New York.—Dahlia show of the American Dahlia Society in conjunction with the American Institute of New York. Engineers' building, J. Harrison Dick, secretary, 1426 Seventy-third street, Brooklyn, N. Y.

October 25-27, Keene, N. H.—Fall exhibition. New Hampshire Horticultural Society. Stanley K. Lone, secretary, Goffstown, N. H.

October 26-27, Madison, N. J.—Annual flower show, Morristown Horticultural Society, Assembly Hall. Edward Reagan, secretary, Morristown, N. J.

October 26-27, Mt. Kisco, N. Y.—Fall exhibition Northern Westchester Horticultural and Agricultural Society. Civic Hall. Angus G. Ross, secretary, Annandale Farm, Mt. Kisco, N. Y.

October 31-November 1, Greenwich, Conn.—Annual flower show Westchester and Fairfield

Horticultural Society. Oscar N. Addor, Larchmont, N. Y., secretary. J. B. McArdie, Greenwich, Conn., exhibition manager.

November 1-3, Tarrytown, N. Y.—Fall exhibition, Tarrytown Horticultural Society, Music hall. E. W. Neubrand, Tarrytown, N. Y., secretary; James W. Smith, White Plains, N. Y., exhibition manager.

November 1-5, Boston, Mass.—Grand Autumn Exhibition Massachusetts Horticultural Society, Horticultural hall. William P. Rich, 300 Massachusetts avenue, Boston, secretary. James Wheeler, exhibition manager, Natick, Mass.

November 7-10, Philadelphia, Pa.—Annual fall show Pennsylvania Horticultural Society, Horticultural hall, Broad street below Locust. David Rust, secretary, Philadelphia.

November 8-9, New London, Conn.—Chrysanthemum Show, New London Horticultural Society, Court house. Stanley Jordan, Waterford, Conn., secretary.

November 8-10, New York.—Chrysanthemum exhibition. The American Institute of the City of New York, Engineers' building. Wm. A. Eagelson, secretary board of managers, 324 West Twenty-third street, New York.

November 9-11, Lancaster, Pa.—Fall show Lancaster County Florists' Association, Helmenze Auditorium. Frank Kohr, secretary, Lancaster, Pa.; Harry K. Rohrer, Lancaster, Pa., exhibition manager.

November 9-12, New York.—Fall exhibition. The Horticultural Society of New York, American Museum of Natural History. George V. Nash, secretary, Mansion, New York Botanical Garden, Bronx Park, New York.

November 14-15, Providence, R. I.—Exhibition, Rhode Island Horticultural Society, Ball Room, Narragansett hotel. Ernest K. Thomas, secretary, P. O. Box 180, Kingston, R. I.

March 15-22, New York.—Spring show under the auspices of the Horticultural Society of New York and the New York Florists' Club at Grand Central Palace. John Young, secretary, 53 West 28th street, New York.

State Fairs.

The following is a list of coming state fairs with the names and addresses of the superintendents of the horticultural and floricultural departments so far as obtainable:

September 4-8, Wilmington.—Delaware State Fair. R. T. Buckingham, Newark, Del., superintendent of horticulture and floriculture.

September 4-9, Homelinq, St. Paul, Minn.—Minnesota State Fair, J. V. Bailey, Newport, Minn., superintendent of horticulture; W. H. Boffering, 1221 Washington avenue, St. Paul, superintendent of floriculture.

September 4-9, Spokane, Wash.—Interstate Fair. E. E. Faville, Jones building, Spokane, superintendent of horticulture; Miss Frances S. Burchett, 1308 Maxwell street, Spokane, superintendent of floriculture.

September 4-13, Detroit.—Michigan State Fair. H. S. Newton, Hart, Mich., superintendent of horticulture; Jacob Baumann, Detroit, Mich., superintendent of floriculture.

September 7-12, Indianapolis.—Indiana State Fair. Charles H. Lindley, Salem, Ind., superintendent of horticulture and floriculture.

September 11-16, Louisville.—Kentucky State Fair. Fred R. Blackburn, Stanton, Ky., superintendent of horticulture; H. H. Froman, Ghent, Ky., superintendent of floriculture.

September 11-16, Syracuse.—New York State Fair. C. G. Porter, Albion, N. Y., superintendent of pomology; David Lunden, Ithaca, N. Y., superintendent of floriculture.

September 12-16, Milwaukee.—Wisconsin State Fair. N. F. Rasmussen, Oshkosh, Wis., superintendent of horticulture; Arthur Leidiger, 349 Third street, Milwaukee, Wis., superintendent of floriculture.

September 12-16, White River Junction.—Vermont State Fair. D. H. Stafford, Brattleboro, Vt., superintendent of horticulture and floriculture.

September 18-23, Nashville.—Tennessee State Fair. J. W. Russwurm, Nashville, secretary.

September 19-25, Hutchinson.—Kansas State Fair. O. A. Whitney, Topeka, Kans., superintendent of horticulture.

September 23-30, Sedalia.—Missouri State Fair. J. C. Evans, Olden, Mo., superintendent of horticulture; J. C. Evans, Olden, Mo., superintendent of floriculture.

September 25-29, Trenton.—Trenton Interstate Fair. Arthur J. Farley, New Brunswick, N. J., superintendent of horticulture and floriculture.

November 2-11, Macon.—Georgia State Fair. Carling Schatzman, superintendent of horticulture and floriculture, care of Idle Hour Nurseries, Macon, Ga.

November 14-18, Baltimore, Md.—"Maryland Week." Fifth Regiment Armory. Thomas B. Symons, secretary, College Park, Md.

September 18-23, North Yakima.—Washington State Fair. Frank Meredith, general secretary, North Yakima.

September 25-30, Salem.—Oregon State Fair. J. E. Reynolds, Salem, Ore., superintendent of horticulture; Edyth Tozier Weathered, Salem, Ore., superintendent of floriculture.

September 26-30, Douglas.—Wyoming State Fair. Mrs. H. G. Peters, Douglas, superintendent of floriculture.

November 1-6, Shreveport.—State Fair of Louisiana. L. N. Bruegerhoff, Shreveport, La., secretary.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.
For Plant Advs., See Ready Reference Section.
 Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Gardener on private place, good designer, married, address.
 Key F, care American Florist.

Situation Wanted—By young lady, 5½ years experience in store and design work.
 Key 676, care American Florist.

Situation Wanted—By a competent gardener and florist, scientific and practical experience in greenhouse management and care of grounds, prefer place as head gardener or superintendent of grounds.
 Key 666, care American Florist.

Situation Wanted—Young American, 23 years old, four years' experience in growing and gardening, wishes to locate with private place. No quitter. Best references, give particulars in full. Address
 Key 664, care American Florist.

Situation Wanted—Storeman, thoroughly capable in all branches, with ten years' of Eastern experience, wishes an opening by Sept. 1st. Make my own sketches for decorations. Can come well recommended. Address
 Key 669, care American Florist.

Situation Wanted—Young man 26 married; thoroughly competent grower; canna's, chrysanthemums, pot plants, A 1 designer; reference as to character and ability.
 EARLE FORTNEY,
 1026 Carleton St., Fairmont, West Va.

Situation Wanted—American age 30 married, wishes position with up to date Pacific Coast Nursery firm where there is a chance to get ahead, or place as superintendent of private estate. Ten years varied gardening and nursery experience. Exemplary character and habits. A 1 reference. Address, Key 678, care American Florist.

Help Wanted—A man for putty bulbing my entire place, at once; by day or contract.
 WM. DITTMAN, New Castle, Ind.

Help Wanted—A first-class carnation grower. Apply, stating wages and experience, to
 MILLER & SONS, Lauder Ave., Toronto, Ont.

Help Wanted—Boy for retail store, growers' son preferred. State full particulars.
 BERNARD SCHMIERER,
 849 Irving Park Blvd., Chicago.

Help Wanted—American Beauty rose grower to take charge of section. Good wages to the right man. Apply at
 POEHLMANN BROS. CO., Morton Grove, Ill.

Help Wanted—A young man with experience in landscape work, draughting, etc., as assistant in our landscape department.
 BERTRAND H. FARR, Wyomissing Nurs. Co.,
 Wyomissing, Pa.

Help Wanted—Manager for up to date retail place of 15,000 square feet. Houses and stock in first class condition; must be experienced in all branches; send particulars in first letter.
 PIERCE'S GREENHOUSES, Eldora, Iowa.

Help Wanted—Gardener on country place near Elgin, Ill. First-class position to man who understands gardening and care of shrubbery; pleasant living quarters and good pay. Address, stating experience and references.
 Key 681, care American Florist.

Help Wanted—A competent, reliable nurseryman for superintendent of a well established north-western nursery. References given and required. Give full information as to qualifications and salary wanted in first letter. Address
 Key 680, care American Florist.

Help Wanted—At once, a competent working foreman; 35,000 feet of glass; carnations, 'mums, Christmas and Easter flowering and bedding plants grown for retail store. Call at once, or, if impossible, write, enclosing recommendations and references in first letter, also stating wages wanted.
 JOHN RICK & SON,
 Bridgeport, Conn.

For Sale Cheap—Glass and all kinds of greenhouse material. Going out of business. Address
 838 31st St., Milwaukee, Wis.

Milwaukee Greenhouses For Sale at a Bargain—10,000 feet of glass; first-class condition; well stocked; fine location; good business; good reason for selling; easy terms. Address
 Key 674, care American Florist.

For Sale—100 boxes 10x12 and 12x12 glass, \$1.50 per box; 75 boxes 8x10 glass, \$1.00 per box; 1 Morehead Steam Trap, \$25; 1 in., 1¼ in. and 2 in. second hand pipe, good condition, 2c, 3c and 5c per foot; 9 Evans Ventilating Machines, including arms and hangers; also a lot of pipe hangers, 1 in. pipe and 2 in. pipe—the whole lot for \$75. FLORIST, 1775 Charles St., Wilmette, Ill.

Wanted to Rent—Twenty to forty thousand feet of glass near Chicago. For further particulars address
 Key 655, care American Florist.

Expert Gardener

Seeks engagement on first-class private estate near Chicago; good wages expected in return for guaranteed results.

Key 675, care American Florist.

Situation Wanted.

A 1 designer, salesman and all-around storeman, capable of managing an up-to-date place. Will have no objection to represent some reliable house on the road, for I know the game from A to Z, and am ready to start work immediately. Married, and have family. For further particulars address

Key 677, care American Florist.

FOR SALE

Three Moninger greenhouses, 27x150 feet, all planted to chrysanthemums and one propagating house, 18x75 feet, planted to Sprengeri, all A 1 stock. Modern 7-room residence, barn, passenger automobile, delivery truck, etc. The greenhouses were built recently and are located 16 miles from the Chicago wholesale market. Buyer can take immediate possession and will find this to be a big bargain. For further particulars address

Key 671, care American Florist.

Wanted to Exchange

As part payment on small range of greenhouses located near Chicago, well paying retail store located on north side of Chicago; established over 6 years. Address

Key 670, care American Florist.

SITUATION WANTED

By A 1 grower as working foreman or grower on retail place, capable of taking charge and handling men. Life experience in roses, carnations, 'mums, bulbs, Xmas and Easter plants, good propagator, American, single, age 39 years, sober and reliable. State wages and particulars. References furnished.

Key 668, care American Florist.

Why not build your Greenhouse in the best flower town of it's size in this country?

Business for 50,000 feet of glass. No greenhouse in town.

This is not hot air but facts.

Do not think there is a like opportunity anywhere—Write quick for full information.

KEY 679, CARE AMERICAN FLORIST.

Books For Florists

The following books should be in every florist's and gardener's library. Send prices quoted and we send the books.

The Goldfish.—By Hugo Mulertt. 160 pages, handsomely illustrated. Price, \$2.

Chrysanthemum Manual.—By Elmer D. Smith. Profusely illustrated. Price, 50 cents.

Landscape Gardening.—By Sam'l Maynard. 338 pages, 165 illustrations. Price, \$1.50.

The American Carnation.—By C. W. Ward. A complete treatment. Illustrated. Price, \$3.50.

Daffodils, Narcissi, How to Grow Them.—By A. M. Kirby. Illustrated. 233 pages. Price, \$1.21.

The Rose.—By H. B. Ellwanger. Its cultivation, varieties, etc. A complete guide. Price, \$1.25.

House Plants.—By Parker T. Barnes. 236 pages and 30 full-page illustrations. Price, \$1.20.

The Book of Water Gardening.—By Peter Bisset. 200 pages and 139 illustrations. Price, \$2.50.

Hedges, Windbreaks, Etc.—By E. P. Powell. 140 pages, with 22 illustrations. Price, 50 cents.

Orchids: Their Culture and Management.—By W. Watson. Eight colored plates. 544 pages. Price, \$10.

Greenhouse Construction.—By L. R. Taft. How to build and heat a greenhouse. Illustrated. Price, \$1.50.

Insects Injurious to Vegetables.—By F. H. Chittenden. 163 illustrations in the 262 pages. Price, \$1.50.

Greenhouse Management.—By Prof. L. R. Taft. Covers the subject completely. 382 pages. Price, \$1.50.

The Landscape Beautiful.—By Frank A. Waugh. An interesting book. 336 pages. Illustrated. Price, \$2.

Mushrooms: How to Grow Them.—By Wm. Falconer. Only American book on the subject. Illustrated. Price, \$1.

Manual of the Trees of North America.—By Prof. C. S. Sargent. 826 pages, with over 600 illustrations. Price, \$6.

The Principles of Fruit Growing.—By L. H. Bailey. Fruit culture is treated thoroughly. 516 pages. Price, \$1.25.

Lawns and How to Make Them.—By Leonard Barron. A very useful and practical work. Illustrated. Price, \$1.10.

The Vegetable Garden.—By Vilmorin-Andrieux & Co. Most complete book published. Profusely illustrated. 782 pages. Price, \$6.

The American Flower Garden.—By Neltje Blanchan. Well bound. 365 pages and 92 illustrations. Price, \$5.35.

How to Lay Out Suburban Homes.—By Herbert J. Kellaway. Contains many useful hints. 112 pages, 38 halftone illustrations and 15 plans and maps. Price, \$2.

Vines and How to Grow Them.—By Wm. M. McCullom. A list of varieties for different locations is contained in this book of 300 pages. Illustrated. Price, \$1.10.

Practical Floriculture.—By Peter Henderson. A guide to the successful propagation and cultivation of florists' plants. Illustrated. 325 pages. Price, \$1.50.

Success in Market Gardening.—By Herbert Rawson. No one in the business for profit can be without this latest edition. 271 pages and 22 illustrations. Price, \$1.10.

The Orchard and Fruit Garden.—By E. P. Powell. The volume is well illustrated and the author is a practical man who knows his subject. 321 pages. Price, \$1.50.

Cabbages, Cauliflower, Allied Vegetables.—By C. L. Allen. Also contains chapters on seed raising, insects, pests and fungus diseases common to these plants. Price, 50c.

The Garden Month by Month.—By Mabel Cabot Sedgwick. A well classified list of hardy herbaceous and other plants arranged for each month. Illustrated. Price, \$4.30.

American Florist Co.

440 S. Dearborn St.,

Chicago

Mammoth Auction Sales

On Tuesday, Sept. 12th and Friday, Sept. 15th

11 O'CLOCK A. M.

Of Palms, Ferns, Rubbers, Dracaenas, etc., also mammoth shipments of

Dutch and French Grown Bulbs

To be offered in lots to suit the large and small buyer. Send for weekly catalogue.

THE MACNIFF HORTICULTURAL CO.

52 to 56 Vesey Street, - - NEW YORK

The Largest Horticultural Salesrooms in the World

Field-Grown Carnation Plants

Extra fine stock ready for immediate delivery. Order today.

	100	1000		100	1000
HERALD.....	\$5.00	.....	ZOE SYMONDS.....	\$4.50	\$40.00
CHAMPION.....	5.00	45.00	WASHINGTON.....	4.50	40.00
WARD.....	4.50	40.00	LIGHT PINK ENCHANTRESS	4.50	40.00

PETER REINBERG

WHOLESALE FLORIST

30 E. Randolph Street, L. D. PHONE—CENTRAL 2846 CHICAGO, ILL.

Oklahoma City.

Through the combined efforts of the State Civic Improvement Association and the Federated Women's Clubs a flower show and a floral parade will be held here during the last week of this month.

At this writing we are having a steady downpour of rain, something that was very badly needed. Florists report that business keeps up very nicely.

E. G. Hill, of Richmond, Ind., was in town August 26. While here he made a side trip to Guthrie to see the growing establishment of Furrow & Co.

The Stiles Co., in anticipation of the railroad strike, stocked up quite heavily.

S. S. B.

BALDWINVILLE, N. Y.—The second annual "Aster day" at the farm of H. B. Williams will be held September 9. The Baldwinville Floral Society will have charge of the event and a booklet will be mailed to anyone interested upon application to John J. Prouty, secretary.

Extra Fine Field Grown

CARNATION PLANTS

35,000 ENCHANTRESS

\$4.00 per 100; \$40.00 per 1000.

PERCY JONES, INC.

WHOLESALE FLORIST

56 East Randolph Street,

CHICAGO

**JUST
ISSUED!**

**Price \$3.00
Postpaid.**

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1916, fully revised to date, with thousands of new names and changes of address, is now ready for distribution. It contains 546 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States and Canada, arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms which issue catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, and much other conveniently indexed and invaluable trade information. Published by the

American Florist Company,
440 S. Dearborn St., Chicago, Ill., U. S. A.

**Contains
546 Pages.**

**TRADE
DIRECTORY
FOR 1916**

What Does September 12th Mean?

Just this, the **GRAND OPENING SALE.**

JOHNSON & MILLANG, Inc.

Coogan Bldg., 55-57 W. 26th St., Under the Cut Flower Exchange **NEW YORK**

Buy Plants and Bulbs at Auction

When you purchase your cut flowers, and save time.

Mark it on your cuff! **TUESDAY, SEPTEMBER 12TH, AT 9 A. M.**

10,000 Square feet devoted to Our Auction Business. **Sales every Tuesday and Friday at 9 a. m.**

Some Fine Stock.

	Per 100	Per 1000
2½-in. Asparagus Plumosus...	\$ 3.00	\$ 25.00
2½-in. Asparagus Sprengeri...	3.00	25.00
2½-in. Asparagus Hatcheri...	3.00	25.00
4-in. Asparagus Plumosus...	7.00	65.00
4-in. Asparagus Sprengeri...	7.00	65.00
2½-in. Begonias, 8 varieties...	6.00	55.00
2½-in. Chinese Primroses, 20 kinds...	3.00	28.00
3-in. Cyclamen, 8 separate varieties...	8.00	75.00
4-in. Cyclamen, 8 separate varieties...	20.00	175.00
2½-in. Snapdragons, White, Pink and Yellow...	4.00	35.00
5,000 Ferns in 5 varieties, fine stock, \$15, \$20 and \$25 per 100		
100,000 2 and 2½-in. Pot Geraniums in 28 varieties...	2.25	20.00
Also abundance of other stock. Correspondence Solicited.		

ALONZO J. BRYAN, Wholesale Florist.
Washington, New Jersey.

Mention the American Florist when writing

Field Grown Carnation Plants

Ready for shipment at any time.

	Per 100	Per 1000
Good Cheer.....	\$8.00	\$70.00
Alice, Mrs. C. W. Ward.....	6.00	55.00
Enchantress Supreme.....	5.50	50.00
Enchantress.....	5.00	45.00
Rose Pink Enchantress.....	5.00	45.00
Beacon.....	6.00	55.00
Harlowarden, The Herald.....	5.00	45.00
White Wonder, White Enchantress.....	5.50	50.00
Yellow Prince, Yellow Stone.....	7.00	60.00

ELI CROSS

150 Monroe Avenue, GRAND RAPIDS, MICH.

Mention the American Florist when writing

NEW ORLEANS, LA.—The store of the Metairie Ridge Nursery Co. has undergone extensive improvements. The interior has been redecorated and the establishment presents a very attractive appearance.

ROCK ISLAND, ILL.—Ludwig Stapp, well-known florist of this city, announces that his brother, E. H. Stapp, is now associated in the business with him, same having been incorporated as the L. Stapp Company.

MINNEAPOLIS, MINN.—The third annual exhibition of the Lake Minnetonka Amateur Garden Flower Association was held, August 24, many splendid displays being made both in the amateur and professional classes.

FOLIAGE PLANTS



They will cost you less money now than later.

ARAUCARIAS.

Excelsa, 3 tiers.....	100 \$60.00
Excelsa, 4 tiers.....	75.00
Glaucia, 7-inch.....	\$1.25 and \$1.50 each
Robusta, 7-inch.....	1.25 and 1.50 each

PALMS.

Kentia Belmoreana—	
Made-up plants.....	\$4.00 to \$7.50 each
Single plants.....	.15 to 7.50 each
Cocos Weddelliana—	
2-inch pots.....	\$15.00 per 100
3-inch pots.....	20.00 per 100

PALMS—Continued.

Phoenix Roebelenii—	
4 to 10-inch pots.....	.60c to \$10.00 each
Kentia Forsteriana—	
Made-up plants.....	\$3.00 to \$15.00 each
Single plants.....	.15 to 7.50 each

Dracaenas—
Indivisa, Terminalis, Lord Welsley,
Fragrans and others.
Prices on application.

Crotons, all sizes, all vars. .15c to \$10.00 ea.
Ferns, all sizes, all varieties 5c to 2.50 ea.

LET US QUOTE YOU ON YOUR REQUIREMENTS.

S. S. PENNOCK-MEEHAN CO.

THE WHOLESALE FLORISTS OF PHILADELPHIA

NEW YORK

117 West 28th Street

BALTIMORE

Franklin and St. Paul Sts.

PHILADELPHIA

1608-1620 Ludlow Street

WASHINGTON

1216 H Street, N. W.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabiosa, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

TRADE DIRECTORY For 1916 Now Ready,
Price \$3.00.

JOSEPH HEACOCK COMPANY'S PALMS AND FERNS



**HOME GROWN
WELL ESTABLISHED
STRONG AND HEALTHY**

CIBOTIUM SCHEIDEI.

	Each
9-in. tub, 4 ft. spread.....	\$ 4.00
9-in. tub, 5 ft. spread.....	5.00

ARECA LUTESCENS.

	In. high	Each
6-in. pot, 3 plants in pot....	24-30	\$1.00

COCOS WEDDELIANA.

	In. high	Per doz.	Per 100
2½-in. pot	6-8	\$ 1.50	\$12.00
2½-in. pot	10-12	2.25	18.00

KENTIA BELMOREANA.

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8-10		\$ 1.50
3-in. pot	5	12		2.50
4-in. pot	5-6	15		.45
5-in. pot	6-7	18-20		.75
6-in. pot	6-7	22-24		1.00
6-in. pot	6-7	26-28		1.50
6-in. pot	6-7	30		2.00
7-in. cedar tub. 6-7		34-36		3.00
7-in. cedar tub. 6-7		38-40		4.00
9-in. cedar tub. 6-7		40-42		5.00
9-in. cedar tub. 6-7		48-54		7.50

Ready Oct. 15.

9-in. cedar tub. 6-7.....	5-5½ ft.....	10.00
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KENTIA FORSTERIANA.

	Leaves	In. high	Each	Per doz.
6-in. pot	5-6	24	1.00	12.00
6-in. pot	5-6	30-32	1.50	18.00

KENTIA FORSTERIANA, Made-Up.

	In. high	Each
7-in. cedar tub, 4 plants in tub.....	30-36	\$ 3.00
7-in. cedar tub, 4 plants in tub.....	38-40	4.00
9-in. cedar tub, 4 plants in tub.....	40-42	5.00
9-in. cedar tub, 4 plants in tub.....	42-48	6.00

Ft. high

9-in. cedar tub, 4 plants in tub.....	4-4½	7.50
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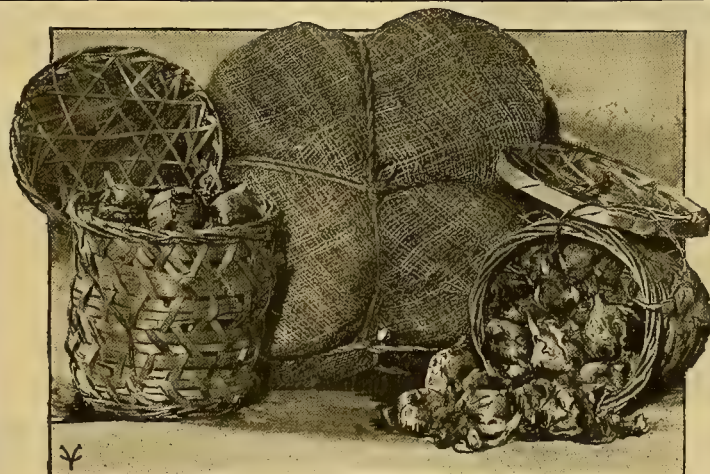
Ready Oct. 15.

12-in. cedar tub, 4 plants in tub.....	5	10.00
12-in. cedar tub, 4 plants in tub.....	5-5½	12.00
12-in. cedar tub, 4 plants in tub.....	5½-6	15.00
12-in. cedar tub, 4 plants in tub.....	6-7	18.00
12-in. cedar tub, 5 plants in tub.....	7-8	22.00

JOSEPH HEACOCK CO.,

Railway Station,
Jenkintown.

Wyncote, Pa.



Chinese Narcissus

NOW READY

SELECT BULBS

Per Mat 120 Bulbs, -	\$5.00
8 Mats (960 bulbs) for	\$40.00

WRITE FOR PRICES ON LARGER LOTS.

FALL LIST FOR FLORISTS NOW READY.

CHICAGO

Vaughan's Seed Store

NEW YORK

GREENVILLE, MICH.—E. G. Mulich, proprietor of the Greenville Floral Co., is completing 10 new houses, 15x450 feet, which is an addition to "Plant A," consisting of 85,000 square feet of glass. After this new range is completed 30 more houses of the same size will be added and will most likely be planted to lettuce and cucumbers, but next year a general line of cut flowers, principally roses, will be grown.

CARNATIONS

F. DORNER & SONS CO.,
Lafayette, - - Indiana

Mention the American Florist when writing

Blooming Plants

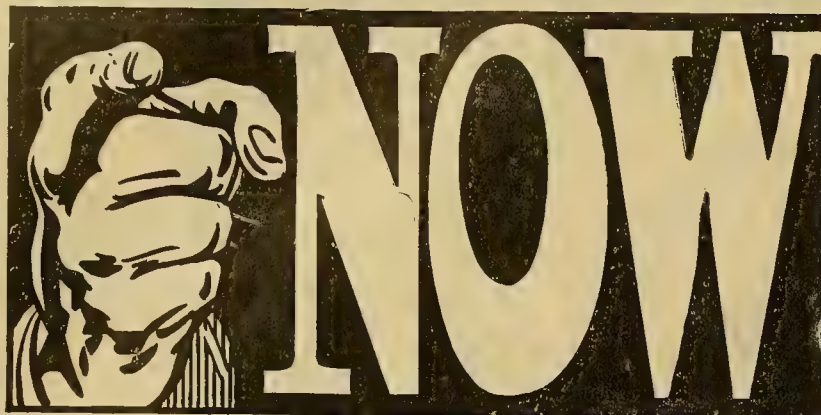
— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

Mention the American Florist when writing



Give us an opportunity to convince you that we serve you best when it comes to supplying your needs in Cut Flowers. We are sure we can please you better, much better in price, quality and service. Beginning this Fall let Poehlmann's flowers be your leader.

AMERICAN BEAUTIES and all ROSES

are in better supply and the quality is also much improved. Orders can be filled promptly. Wild Smilax supplied on two days' notice. Miniature Roses: Baby Doll, Cecile Brunner, Fire Flame and Geo. Elgar. Also Golden Glow Chrysanthemums.

CURRENT PRICE LIST—In Effect Now.

AMERICAN BEAUTIES.	
	Per doz.
Long	\$3.00 to \$4.00
30-inch	2.50
24-inch	2.00
20-inch	1.50
Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00.	

OPHELIA, RICHMOND, MILADY, SUNBURST, KILLARNEY BRILLIANT, KILLARNEY, WHITE KILLARNEY, WARD.	
	Per 100
Long	\$8.00
Medium	\$4.00 to 6.00
Short	3.00

MRS. CHAS. RUSSELL.	
	Per doz.
36 inches long.....	\$2.50
30 inches long.....	2.00
24 inches long.....	1.50
18 to 20 inches long.....	1.00
Short	per 100, \$4.00, \$6.00

MINIATURE ROSES.	
	per 100, \$
Cecile Brunner	1.00
Fireflame	2.00
Baby Doll	2.00
George Elgar	2.00

ASTERS.	
	Per 100
Best	\$3.00 to \$4.00
Medium	2.00
Short	1.50

MISCELLANEOUS CUT FLOWERS. Per 100	
Lilies	\$12.00
Gladioli	\$2.00 to 4.00
Chrysanthemums—Golden Glow.....	per doz., 2.00 to 3.00
Gypsophila	\$1.00 per bunch
CATTLEYS	per doz., \$9.00
VALLEY	\$4.00, \$5.00, \$6.00 per 100

GREEN GOODS.	
Mexican Ivy	\$0.75
Smilax	2.50
Sprenger and Asparagus Sprays.....	\$2.00 to 3.00
Adiantum	1.00 to 1.50
Galax (bronze and green).....	per 1,000 1.50
New flat ferns.....	per 1,000 2.00
Wild smilax	per case 6.00

SUPPLY DEPARTMENT.



Translucent Foliage

OAK SPRAYS

Red, Green and Brown. Fine sprays, 3 to 4 feet long
\$1.50 per dozen; \$10.00 per 100.

White Waxed Cape Flowers

\$4.50 per box of 1000.

Cycas Leaves

16 inches to 40 inches long.

\$5.00 per 100.

This is your last chance to get 12 bales of Sphagnum Moss for \$10.00

SO ORDER YOUR SUPPLY RIGHT AWAY.

Ask us for an estimate on your requirements before you place your fall orders.

POEHLMAN

72-74 E. Randolph St.,

Kentias Western Kentias Headquarters

Largest and most complete stock offered in the West, in a healthy, strong and clean condition.

BELMOREANA SINGLE PLANTS.

2½ inch pots, \$1.50 per dozen; \$10.00 per 100;
\$90.00 per 1,000.

	Leaves	Each.
4 inch pots	5-6 16-18 inch high.....	\$0.40
	\$4.50 per dozen; \$35.00 per 100.	
6 inch pots	6-7 24 inch high.....	1.00
6 inch pots	6-7 28-30 inch high.....	1.50
9 inch tubs	6-7 42-44 heavy.....	5.00
10 inch tubs	6-7 50-54 heavy.....	7.00
Specimen plants, \$60.00-\$75.00.		

FORSTERIANA SINGLE PLANTS.

	Leaves	Each.
4 inch pots	5-6 18 inch high.....	\$0.40
	\$4.50 per dozen; \$35.00 per 100.	
6 inch pots	6-7 28-30 inch high.....	1.00
6 inch pots	6-7 34 inch high.....	1.50
6 inch pots	6-7 34-36 inch high.....	2.00
8 inch tubs	6-7 40-42 inch high.....	3.00
8 inch tubs	6-7 42-46 inch high.....	3.50
8 inch tubs	6-7 50-52 inch high.....	5.00
9 inch tubs	6-7 54 inch heavy.....	6.00
9 inch tubs	6-7 60 inch heavy.....	7.00
10 inch tubs	6-7 5-5½ ft.....	8.00
10 inch tubs	6-7 5½-6 ft.....	12.00
15 inch tubs	6-7 8-8½ ft. heavy.....	40.00
15 inch tubs	6-7 9-10 ft. heavy.....	60.00



FORSTERIANA MADE UP PLANTS.

Plants	Each.
6 inch pots 3 24 inch high.....	\$ 1.50
7 inch tubs 3 30-32 inch high.....	2.50
8 inch tubs 3 38-42 inch high.....	3.50
8 inch tubs 4 48-52 inch high.....	5.00
8 inch tubs 4 52-54 inch high.....	6.00
10 inch tubs 4 54-60 inch high.....	8.00
12 inch tubs 4 60 inch high.....	10.00
12 inch tubs 4 62-66 inch high.....	12.00
12 inch tubs 4 68-70 inch high.....	15.00
15 inch tubs 4 6-6½ ft. heavy.....	25.00
15 inch tubs 4 75-80 in. heavy.....	\$25@30

ARECA LUTESCENS.

	Each.
6 inch pots, 4 plants, 24 inch high.....	\$1.00
8 inch tubs, 3 plants, 40 inch high.....	3.00

ASPIDISTRAS.

5 inch Aspidistra green 10-12 leaves.....	1.00
6 inch Aspidistra green 15-17 leaves.....	1.50
5 inch Aspidistra var. 7 leaves.....	1.00
5 inch Aspidistra var. 10-12 leaves.....	1.50

LIVISTONA ROTUNDIFOLIA.

5 inch pots	\$0.75 each
6 inch pots	1.25 each

PHOENIX ROEBELENI.

3 inch pots.....	\$3.50 per doz.
	Each.
6 inch pots, 18 inch high, 24 inch spread..	\$2.00
10 inch tubs, 35 inch high, 46 inch spread..	7.50

Grafted and Own Root Rose Plants.

Grafted, 3½-inch Stock.
\$140.00 per 1000.

700 Pink Killarney	600 Old Gold
500 White Killarney	400 Richmond
350 Brilliant	1300 Scott Key
925 Milady	900 Elgar

Grafted, 2½-inch Stock.
\$100.00 per 1000.

500 Pink Killarney	800 Wards
3900 White Killarney	700 Old Gold
3600 Brilliant	200 Elgar

Own Root, 3½-inch Stock.
\$96.70 per 1000.

400 Pink Killarney	300 Elgar
500 White Killarney	1625 Richmond
197 Old Gold	

Own Root, 2½-inch Stock—\$56.70 per 1000.

1500 Pink Killarney

50 Sunburst

1000 Richmond

CALADIUMS

Finest fancy leaved varieties, 35c, 50c, 75c, \$1.00 and \$1.50 each.

	100	1000
Begonia Chatelaine, 2½ in.....	\$ 3.50	
3 in.	8.00	
4 in.	15.00	
5 in. ....each, 25c		
Begonia Lorraine, 2 in.....	10.00	
Begonia Lorraine, 2½ in.....	12.00	
Coleus Emperor Wilhelm, 3-in..	8c each; 4-in., 15c each.	
Crotons—5-inch, \$7.20 per doz; 6-inch, 75c and \$1 each.		

Cyclamen—3 inch, \$8.00 per 100.
Seedlings, \$40.00 per 1,000.

	100	1000
Primulas Grandiflora and Giant strain, only the choicest varieties, summer delivery, 2½ in.	\$3.00	
Smilax, strong new stock, 2½ in. 2.50		
3 in.	6.00	50.00

	100	1000
New Pink Snapdragons, 2½-inch pots	\$6.00	\$50.00
Stevia, 2½-inch pots	20.00	
Boston Ferns, 5-inch, 40 cents each.		
Boston and Roosevelt Ferns, 6-in., 75c each; 7-in., \$1.00 each.		
Whitman, 6-in., 75c each.		
Table Ferns, 2½-in., \$3.00 per 100.		

BOXWOODS

	Each
15-in. in burlap .....	.40
18-in. in burlap .....	.50

N BROS. CO.

Long Distance Phone,
Randolph 35. CHICAGO, ILL.

Big Reduction in Prices On Beauties and Roses

We recommend the following stock—all our own growth—and don't forget that it pays to buy direct from the grower.

**NEW BEAUTIES--Very Fine Flowers--Best In This Market.
Good Shipping Stock.**

Rhea Reid—Best red rose.

Mrs. Russell—Best pink rose.

Sunburst—Best yellow rose.

Double White Killarney—Best white rose.

Ophelia and Shawyer—Are also two good pink roses for summer use.

These in addition to the regular varieties of Roses we are receiving in large quantities direct from our greenhouses within a few hours of being cut, enable us to fill all orders with strictly fresh stock. This is the great advantage of buying direct of the grower. Order here.

CURRENT PRICE LIST

American Beauties	Per doz.
Specials, extra long stems.....	\$3.00
30 to 36-inch stems.....	2.50
Medium stems.....	\$1.00 to 2.00
Shorter lengths.....	.75

No very short stem Beauties.

**Sunburst--Rhea Reid--Ophelia--Richmond
Shawyer--White and Pink Killarney
Killarney Brilliant**

Long.....	per 100,	\$6.00
Medium.....	"	\$4.00 to 5.00
Short	"	3.00

Mrs. Chas. Russell.	Per 100
Long.....	\$10.00 to \$12.00
Medium	5.00 to 8.00
Short.....	3.00

Cecile Brunner.....per bunch, 25c

Asters at Market Prices.

LILY OF THE VALLEY	\$5.00 to 6.00
ASPARAGUS SPRAYS and SPRENGER ..	2.00 to 3.00
FERNS , new.....per 100, 20 cents; in lots of 1000 or more, \$1.50 per 1000.	
ADIANTUM	1.00
GALAX , bronze and green...per 1000, \$1.25 to \$1.50	

ROSES, our selection, in lots of 300 or more at the rate of \$20.00 per 1000; in lots of not less than 1000 or more, \$15.00 per 1000.

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN

LONG DISTANCE PHONE:

CENTRAL 1457.

Greenhouses: Hinsdale, Ill. and Gregg's Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

BUSINESS CONTINUES VERY GOOD.

Business continues very good and according to all reports, the sales during August were away head of those of the same month of last year, which were considered exceptionally high compared to those of 1914, which could have been much better. Trade as a whole for the season starting with January 1, 1916, has been very satisfactory and there is no question but what the wholesaler has had the best eight months of business that has been experienced for several years. Business this summer, considering the unusual market conditions, was remarkably good, and while less stock was handled than in former years, prices were higher and business much better. There was hardly ever any surplus of stock to speak of in any line and while the quality of the stock in general was not up to the standard, everything sold at high summer prices and at times it was impossible to fill all the orders that were received. Gladioli never sold at such good prices as they did this season and came in handy, for at times they were the only flowers available in any great quantity compared to the

other offerings. Stock at this writing is gradually becoming more plentiful but what stock is being offered is selling at good prices. Mrs. Chas. Russell roses are in good supply and the quality has improved wonderfully since the cooler weather set in. Roses in general are better and some particularly fine Ophelia, Mrs. George Shawyer, Milady, Rhea Reid, Mrs. Aaron Ward, Champ Weiland, Mrs. Moorefield Storey, Killarney, Killarney Brilliant and White Killarney are available. Cecile Brunner and Fireflame are arriving in larger quantities and the same holds good for American Beauty roses, which are none too plentiful and command good prices. Asters are in good supply and some of the best stock of the season is now being offered. Gladioli are still seen in large numbers at many of the stores but the receipts are gradually diminishing and mark the beginning of the end. Carnations are in heavier supply and good stock is obtainable but only in the shorter stemmed grades. Chrysanthemums are quite a factor in the market this week and while a few early white have made their appearance Golden Glow is the principal offering. Lilies are in good demand but there is very little stock in

this line received. Lily of the valley is as scarce as ever and is bringing high prices. Orchids are still on the short side. Miscellaneous outdoor stock is still on the bill of fare and at times comes in handy for the buyer who likes variety and is inclined to make a large window showing. Green goods of all kinds are plentiful and a good supply of boxwood is now included in the offerings. The supply houses are all ready for the fall business and report trade as good for the past few weeks. Everyone is feeling in the best of spirits since the threatened railroad strike, which was to be called Monday, September 4, at 7 a. m., has been definitely called off and the transportation tie-up averted.

NOTES.

Peter Reinberg is cutting heavily in roses, including all the old standard and newer varieties, particularly Mrs. Chas. Russell, Ophelia, Sunburst and the rapidly becoming popular Champ Weiland. American Beauty roses from the young stock are also reaching the store in quantity, but are in such brisk demand that there is hardly ever any surplus to speak of when the day's sales are over.

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

BIGGER AND BETTER SUPPLY

RUSSELL=OPHELIA=MILADY

Champ Weiland, Sunburst, Killarney, White Killarney, American Beauty.

Fancy Lilies, Asters, Gladioli, Valley and Complete Line of Greens.

Current Price List.

AMERICAN BEAUTIES—		Per doz.	MRS. CHAS. RUSSELL—		Per doz.
Extra long stems		\$5.00	Specials		\$2.00
48-inch stems		4.00	Select		1.50
36-inch stems		3.00	Medium		1.00
30-inch stems		2.50	Short		\$0.50 to .75
24-inch stems		2.00			Per 100
20-inch stems		1.50	Roses, our selection		\$ 3.00
15-inch stems		1.00	Asters		\$ 1.00 to 3.00
Short		.75	Carnations		2.00
Richmond			Gladioli		3.00 to 6.00
Killarney			Harrisli		10.00 to 12.50
White Killarney			Valley		4.00 to 5.00
My Maryland	Extra select	Per 100 \$8.00	Adiantum		1.00
Sunburst	Select	6.00	Asparagus, per bunch		.50 to .75
Ophelia	Medium	5.00	Ferns, per 1,000		\$2.00
Milady	Short	4.00			
Champ Weiland					

2,000,000 Feet of Modern Glass

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue L. D. Phone Randolph 631

CHICAGO

HEAVY SUPPLY

Fancy Russell and Ward Roses.

Plenty for everyone in all the desired grades, so order what you need from us.

Andrew Benson, who won the silver punch bowl at a meeting of the Chicago Florists' Club several months ago, has just learned of his good luck and writes from Manila that he will return in time to see the White Sox win the city series and then will relieve the club of the responsibility of the prize. Mr. Benson has been collecting orchids in the orient for some time, mostly in Japan and China, and is now in the Philippines getting his plants ready to send home. He was very successful on this trip and has collected some wonderful flowers and plants.

Leonard Vaughan, of Vaughan's Seed Store, shipped 40,000 gladioli from his Michigan farm to this market, September 3. The shipment consisted mostly of Mrs. Francis King, and notwith-

standing the present quiet market conditions the opening of the week, they sold well at good prices.

Bassett & Washburn are supplying their customers with a choice grade of Mrs. George Sawyer roses, which they are cutting in quantity and have no trouble in disposing of at top market prices. They speak well of this variety and consider it one of the best pink roses on their list.

At A. T. Pyfer & Co.'s store the daily shipments now include a large supply of fancy Mrs. Chas. Russell roses from the Pyfer & Olsem greenhouses at Wilmette. Lilies have been a leader with them all week and clean up at an early hour each day at good prices.

Percy Jones is filling a large number of orders for field grown En-

chantress carnation plants and only has 35,000 left to offer. The way the orders keep coming in shows that this variety is as popular as ever and will be grown heavily again this season.

V. Bezdek reports that the stock in his greenhouses at Wilmette never looked better than it did this season, especially the carnations, and to give one an idea how fine they really are one plant of Peerless Pink carries 38 shoots.

The E. F. Winterson Co. has had a remarkably good year and its books show an increase in sales for almost every month since January 1 over the corresponding months of 1915.

O. A. & L. A. Tonner are handling a large supply of gladioli in addition to a large quantity of other seasonable cut flowers.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

We are now cutting heavily in Ophelia and other roses of unsurpassed quality and can take splendid care of you in what you need in this line.

Current Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.		Per doz.
Long stems		\$5.00
36-inch stems		4.00
30-inch stems		3.00
24-inch stems		2.50
18-inch stems		2.00
12-inch stems		1.50
White—KILLARNEY—Pink.		Per 100
Extra Special		\$7.00
Select		6.00
Fancy		5.00
Medium		4.00
Short		3.00

RICHMOND		Per 100
Extra Special		7.00
Select		6.00
Fancy		5.00
Medium		4.00
Short		3.00
OPHELIA.		Per 100
Extra Special		\$7.00
Select		6.00
Fancy		5.00
Good		3.00
SUNBURST.		Per 100
Extra Special		\$7.00
Select		6.00
Fancy		5.00
Good		3.00

GEORGE ELGAR	35c per bunch
ROSES, OUR SELECTION	\$3.00 PER 100.
LILIES.	Per 100
Fancy	\$10.00 to \$12.50
Miscellaneous.	
Ferns, per 1,000.....	2.00 to 2.50
Smilax, per doz.....	2.00
Adiantum	1.00
Sprengeri, per bunch.....	.50
Asparagus Sprays, bunch.....	.50
Other Green Goods Market Rates.	

Poehlmann Bros. Co.'s receipts of Mrs. Chas. Russell and American Beauty roses are large and of fine quality right now and clean up completely every day. Otto W. Frese says that the cut flower department is filling orders for southern wild smilax on two days' notice and that what shipments have arrived this season came through in good condition. The supply department, in charge of T. E. Waters, has a new ribbon display room which shows that this firm is carrying in stock practically all the well known brands manufactured on a large scale, so the customer can make his selection from whatever line he desires.

Herman Rogers, with Weiland & Risch, spent September 3-4 with his family at Detroit, Mich. He witnessed the burning up of the speedy launch Baby Marold of that city on Labor day, which caught fire after setting a new world's record of 55.35 miles an hour in the first lap in the national power boat races. The boat caught fire near the finish of the second time around and was totally destroyed.

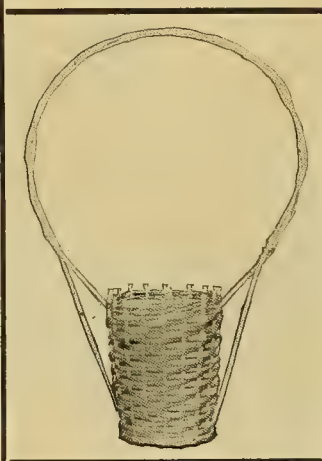
John Michelsen is more than pleased with the E. C. Amling Co.'s sales for August, which are over 30 per cent ahead of those of the same month last year. He goes as far as to say that he believes that all the rest of the wholesalers have also had a very good month and that this is one of the best season's business that the trade in general has experienced for many years.

R. J. Mohr, manager at A. Lange's East Madison street store, reports that all the employees are back from their vacations since Albert Hall has returned from a three weeks' visit at White Lake. The stage is all set for another season's business at this enterprising establishment, which means work and plenty of it from now on.

Lloyd E. Shirley, vice-president and general manager of the Garland Manufacturing Company, Des Plaines, reports the booking of an order for the Adelbert Cemetery, Niles, Mich. The contract calls for a 218-foot curved eave, steel frame house and three wood frame Garland cast iron gutter greenhouses, 150 feet long.

D. S. Musser, of Miller & Musser, and wife returned home from a pleasant automobile trip through Indiana, September 2, and left the following day by machine with N. P. Miller and wife for a short visit at Rose Lawn, Wis.

THREE BIG BARGAINS



25 SMALL CUT
FLOWER BASKETS, \$7.50
Suitable for pompons, etc.

25 MEDIUM CUT
FLOWER BASKETS, \$15.00
Suitable for roses, carnations, etc.

25 LARGE CUT
FLOWER BASKETS, \$19.00
Suitable for American Beauty and Mrs. Chas. Russell roses, chrysanthemums and other long stemmed cut flowers.

Order as early as possible so as to avoid any possible delay in shipment. Wire in your order today and we will send it out on the next train. Hurry!

Send for our latest Catalog—just off the press.
You need it—a postal will do.

RAEDLEIN BASKET CO.

713 Milwaukee Avenue,

CHICAGO

Reinhold E. Schiller, manager of Shiller's South Wabash avenue store, is back from a two weeks' vacation, which was spent mostly in Canada and included a brief stay at Montreal.

Robert Northam, manager at George Reinberg's wholesale store, is on the job again after enjoying a two weeks' vacation. He got back just in time to handle a new crop of roses.

The Chicago Flower Growers' Association is featuring a large supply of choice Mrs. Aaron Ward roses from the Wellworth Farm Greenhouses at Downers Grove.

W. Cleveland Johnson, with Johnson's Greenhouses, Memphis, Tenn., passed through here Sept. 4 on his way home from a visit to the Pacific Coast.

W. J. O'Carroll, head gardener at the University of Chicago, is the happy father of a brand new baby girl florist.

C. O. Wilcox, with the W. W. Barnard Co., left early in the week for a business trip through Indiana after spending a few days here.

J. C. Craig, well known South Wabash avenue florist, is expected home next week from a months' vacation in southern California.

Miss M. C. Gunterberg writes from Ocean City, N. J., that she is having a delightful time on her vacation and will be home soon.

W. J. McGee, cashier and bookkeeper at the John Kruchten Co. store, is enjoying a two weeks' vacation.

Fred Klingel, of Erne & Klingel, and family are home from a most delightful visit at Mackinac Island.

Mrs. Horton, of the Bassett & Washburn office force, is back from a lake trip to Buffalo, N. Y.



We are Headquarters for
AMERICAN BEAUTY ROSES
and will have a large steady
supply from now on. Order
what you need from us and
you can rest assured that
you will be treated right.

CURRENT PRICE LIST—Subject to Change Without Notice.

Beauties.	Per doz.
Long stems	\$3.00 to \$4.00
30 to 36-inch stems	2.50
20 to 24-inch stems	1.50 to 2.00
15 to 18-inch stems	1.00
12-inch stems .....	.75

Mrs. Chas. Russell.

	Per 100
Extra fancy	\$15.00
Good medium	\$10.00 to 12.00
Good short	4.00 to 6.00

Roses.

Ophelia, fancy	\$8.00 to \$10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00

	Per 100
Richmond, fancy	\$ 8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
White Killarney, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Ward, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Sunburst, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney Brilliant, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Roses, our selection	3.00

Carnations.

	Per 100
Special fancy	\$3.00
Good	\$1.50 to 2.00

Miscellaneous. Per 100

Easter Lilies, select	\$10.00 to \$12.50
Orchids, Cattleyas, per doz..	9.00
Valley	4.00 to 5.00
Gladioli	2.00 to 6.00
Asters	2.00 to 4.00

Greens.

Asp. Plumosus.....per string,	\$0.50
Asp. Plumosus Sprays..bunch,	\$0.35 to .50
Sprengerl .....per bunch,	.35 to .50
Adiantum .....per 100,	1.00
Smilax, choice .....per doz.,	1.50 to 2.00
Fancy Ferns .....per 1,000,	2.00 to 2.50
Galax Leaves .....per 1,000,	1.00

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave. Chicago

Mention the American Florist when writing

Z E C H M A N N & N

Chicago Headquarters for RUSSELL AND OPHELIA

Our supply of Russell and Ophelia roses is large and of such good quality that they are recognized as the best in this market. In addition to Russell and Ophelia we have our regular supply of Ward, Sunburst, Richmond, Milady, Killarney and White Killarney.

CHRYSANTHEMUMS

Good supply of fine Golden Glow at reasonable market prices.

Gladioli, Lilies, Carnations, Valley, Greens



Remember when ordering that our line is so complete that it includes every item offered in the Great Chicago Market.

30 E. Randolph St.,

L. D. Phones
Central 3283
Automatic, 42-965

Chicago

Mention the American Florist when writing

The A. L. Randall Co. has made arrangements with Anton Then to handle his new carnation, Thenanthos, to be disseminated next season, and is now booking orders for December and January delivery. The Randall com-

pany will have the exclusive sale of this variety and will take over the orders—calling for 17,000 already sold and including one for Peter Reinberg for 2,000. A new catalog of artificial and decorative materials has just been

issued by the supply department and is beautifully illustrated throughout in colors, with a striking cover design. William Lorman, of the cut flower department, is on deck again after enjoying a two weeks' vacation.



PREPAREDNESS.

We are always prepared to take care of all your orders for Cut Flowers and Greens. We are now cutting from a heavy crop of roses, particularly Russell, Ophelia, Sunburst, Killarney and White Killarney, and can take splendid care of your orders.

A. T. PYFER & CO.

WHOLESALE FLORISTS

30 East Randolph Street,

CHICAGO, ILL.

Long Distance Telephone—Central 3373.

Mention the American Florist when writing

The Raedlein Basket Co. has a fine stock of baskets on hand for the approaching season and so far has filled every one of its orders in full without any delay. A new catalog is ready for mailing and according to Curtis Kinder, business the past year has been fine and the outlook for this fall was never any brighter, for the buying has started in early and the orders already booked are very large ones.

Miss Ruth Simmons is managing A. I. Simmons' store at 242 West Sixty-third street while her father is attending to his duties as depot quartermaster at Springfield, where he has been stationed since the Mexican situation was considered serious. Mr. Simmons is a member of the commissary department of the Illinois National Guard and is recognized as an expert in his line.

Zech & Mann have had a remarkably good summer business and Allie Zech reports that their sales during August have been over 30 per cent better than those of the same month of last year, which were considered high. This house is showing a fine supply of stock of all kinds, particularly Mrs. Chas. Russell and Ophelia roses.

Kyle & Foerster are pleasing their customers with a fancy grade of indoor asters. This firm has had a good season and likes its present quarters on the main floor of the Atlas building better than ever, for it enables them to handle the increasing business more easily than they could have in their old place.

A. L. Vaughan & Co. report a brisk demand for American Beauty roses, which they are handling in quantity in all the desired grades. Gladioli and asters are leaders in the miscellaneous outdoor stock that is carried at this house and are selling nicely.

J. A. Budlong has started to cut Golden Glow chrysanthemums but not in any great quantity. This firm is handling a fine supply of roses from the new L. A. Budlong greenhouses at Niles Center in addition to the regular supply from its own range.

The Chicago Florists' Club will meet at the Hotel Morrison, Thursday, September 7, at 8 p. m. Allie Zech will read an interesting paper pertaining to the selling of cut flowers by the department stores from a commission man's point of view.

John Sinner says that orders for field grown carnation plants for Sinner Bros. have been numerous since the threatened railroad strike has been definitely called off and expects to clean up all he has to offer long before the season closes.

Hoerber Bros. are handling a big supply of gladioli, which continue to be in good demand considering the increasing supply of other stock. Roses are gradually becoming more plentiful at this establishment and are having a good call.

Wietor Bros. are in good crop with roses, particularly Ophelia and Sunburst, which are their leaders this week. The demand for field grown carnation plants continues brisk and practically every mail brings in new orders.

Kennicott Bros. Co. received its first shipment of chrysanthemums this season, September 6, which consisted exclusively of Golden Glow.

W. E. Colligan, with Poehlmann Bros. Co., leaves this week for Pittsburgh, Pa., to spend a two weeks' vacation.

Robert Newcomb and Samuel Seligman, of the American Bulb Co., left this week to call on the out-of-town trade.

E. C. Pruner, representing Poehlmann Bros. Co., is back from a seven weeks' business trip in the south.

J. Swenson, formerly with George Perdikas, is now with Victor Young & Co., 1239 North Clark street.

Rolf Zetlitz, of Lima, O., was a visitor in the wholesale market, Saturday, September 2.

D. E. Freres and wife have returned from a pleasant two weeks' outing at Deep Lake.

Joseph Ziska & Sons are busy unpacking a large importation of French chiffons.

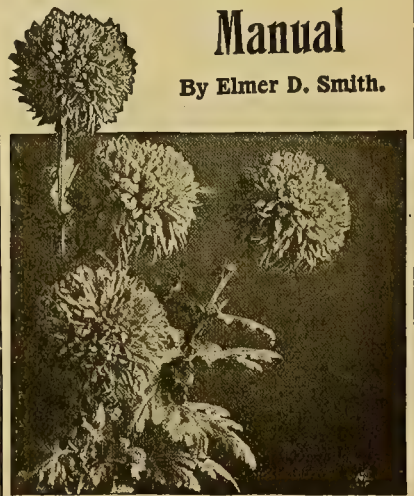
Ernest Farley, with A. T. Pyfer & Co., is enjoying a two weeks' vacation.

Paul Richmond, with W. J. Smyth, is rejoicing over the arrival of a baby girl.

Visitors: Miss Lena McCoy, Seattle, Wash.; James Nelson Cole, II, Peoria; Miss Dumser, Elgin; Julius E. Schaeffer, with Mullanphy Florists, St. Louis, Mo.; Ed. Kalisch, St. Louis, Mo.; F. C. Witthuhn, Cleveland, O.

The Chrysanthemum Manual

By Elmer D. Smith.



NEW AND REVISED EDITION.

Price 50 Cents. Cash With Order.

AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO.

Asparagus Plumosus Sprays

\$2.00 per 100.

E. E. Stone,

WHOLESALE FLORIST
DICKINSON, TEXAS.

ST. PAUL, MINN.—Chas. A. Mathes, formerly of Riverton, N. J., has joined the Holm & Olson force and will be in charge of the perennial department at the nurseries.

POEHLMANN BROS. CO.

72-74 East Randolph Street,

CHICAGO, ILL.

Has added a department for the sale of Florists' Refrigerators and Store Fixtures built by the foremost manufacturing concern in the country,

BUCHBINDER BROS.

518 Milwaukee Avenue,

CHICAGO, ILL.

Write for estimate and catalog.

Philadelphia.

HIGH GRADE STOCK VERY SCARCE.

The weather is much cooler and favorable for a better growth of outside flowers. There has been some rain, but what is wanted is a good all-day "soaker," something that it has not been our good fortune to have seen for over a month. High grade stock in nearly all lines is very scarce. Some fair American Beauty roses, almost too many in fact for the demand, are coming in. There is also quite a lot of My Maryland. White roses are, however, away behind the demand. Asters are in better supply, several growers cutting from their indoor stock, which is now about the height. The outside crop is in nearly all sections a failure, with some of the late varieties showing a little more promising. Dahlias will now have their inning; the professional growers or experts, and it appears to be a business requiring experience, say their plants are looking well and there will be flowers in quantity to supply a large demand. To succeed and be able to combat long dry or wet spells, and be in the market with high grade flowers in quantity during the comparatively short season, is quite an achievement. Since scientific methods of packing and expeditious handling of the dahlias have been introduced they are now transported with but little loss and their market has been very much enlarged. There are some new sorts being tried out, but the old favorites of last season are still leaders. Gladioli have been very good stock this season, always in good demand at fair prices. Easter lilies, always the same, have also been a good crop this summer, as nearly always up to standard, they are used in preference to imperfect or inferior flowers of other kinds. Lily of the valley and cattleyas are still on the top shelf,

Wholesale Cut Flowers—Greens and Supplies

Prices cheerfully submitted on whatever you need upon request.

O. A. & L. A. Tonner

30 E. Randolph Street,

Phone,
Central 6284.

CHICAGO, ILL.

Mention the American Florist when writing

generally in hiding for special trade. The coming season's supply of lily of the valley is in doubt. The present forcing stock was very low in specials, and the balance, even when bunched skillfully, is sorry looking, indeed. Very good summer cosmos helps out a lot, being a good case filler and useful as a table decoration for those who have hotel or restaurant work.

NOTES.

Japanese Formosum bulbs were distributed the past week, the H. F. Michell Co., Inc., and Henry A. Dreer, Inc., handling them in very large lots. The stock this season is excellent, with no increase in prices. Fred Michell says the Pacific ocean freights were advanced but about 10% which was not put on to the prices of Japanese bulbs, but that it would be a different story with the Holland stock where the carrying rates are from two to three hundred per cent over those of a year ago.

The Leo Niessen Co. will be very strong on American Beauty roses the coming season; the advance cutting even now shows unusual quality for the season. Their dahlia shipments are now in full swing. The alterations and improvements at the H. H. Battles' store are now almost completed. It is one of the most conveniently arranged flower shops in the country.

The Robert Craig Co. is now transacting their office business in newly furnished quarters adjoining the packing shed. This is much more convenient than the old location. From the orders received for immediate delivery and reservations to be forwarded later, Mr. Craig is very much encouraged and believes that the coming season will be a record breaker, and reports they were never better prepared.

An event worthy of note is the addition of a house to the W. K. Harris establishment, the first in many years. Zeiger & Sons, of Washington, are also adding two more to their plant at Washington lane. Fine indoor asters are a feature here at this time.

Edward Reid has been handicapped the past week with a violent cold, which we are glad to say is on the mend. Asters, lily of the valley and Kaiserin roses are leaders here.

The water lily and gladioli displays in the windows of the Henry A. Dreer store, are very showy and much admired by the throngs that are attracted to them.

Berger Brothers are receiving their first dahlias and the crop promises fine. They handle large quantities during the season.

Stuart Miller says: "Business we have and expect to have keeps us busy now and anticipating."

ROSES-ASTERS-GLADIOLI



**Regular Daily Supply of
VALLEY AND LILIES.**

You can increase your profits and business by sending all your orders direct to

**Quality
Speaks
Louder
Than
Prices.**

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

GUT FLOWERS

**Prices
As
Low
As
Others.**

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 NO. WABASH AVE., CHICAGO
Telephone Central 466

A hundred or two of cattleya plants was considered quite an addition to a grower's stock some few years ago, but now they lay them in by the thousand, in fact, the Joseph Heacock Co. has just received an importation of about five thousand fresh from their native forests. This democratic administration certainly has boosted the flower business.

S. S. Pennock, who, among his other activities, is an expert on hay fever, claims to have conquered in this game and hopes soon to be immune. He is spending a well earned vacation "somewhere in Rhode Island."

James Verner is sending choice Mrs. Sawyer and My Maryland roses to the Philadelphia Wholesale Florists' Exchange. Gladioli from John Lewis Childs, Inc., Flowerfield, N. Y., is also a feature here.

H. Bayersdorfer & Co. are getting in quantities of Japanese novelties, goods that would scarcely see this market in ordinary times and many orders are coming in from their representatives on the road.

K.

Fort Wayne, Ind.

Trade during the past week was active, due to a brisk demand for funeral work, the recent hot weather, however, caused a shortage in the supply of greenhouse flowers, lilies and roses taking the lead in available stock.

The Flick Floral Co. had considerable funeral work during the past week, among the pieces being a handsome casket blanket of Russell roses. This firm is now showing a very attractive line of glazed pottery.

Miss Helen Patten and Miss C. B. Flick, of the Patten Flower Shop, Toledo, O., were recent visitors to this city, making the trip by automobile.

H. K.

PROVIDENCE, R. I.—Richard Hogan is building one new house, 28x100 feet, for carnations.

Bay Trees

**STANDARD
OR
TREE SHAPED**

Stems	Crowns	24-in.	Each	Pair
30-in.	24-in.		\$ 7.00	\$13.00
45-in.	26-in.		7.50	14.00
48-in.	34-in.		12.00	22.00
48 in.	40-in.		15.00	28.00

PYRAMID—5 ft. high, 24 in. diameter 8.00 15.00

Boxwood Plants

IN TUBS

	Each	Pair
PYRAMIDS— 2½-ft.	\$2.00	\$3.75
3-ft.	2.50	4.50
BUSH— 24-inch	1.25	2.35
30 inch	2.75	5.00
36-inch	3.75	7.00
STANDARDS—18-20-inch stem, 12-inch ball tops	3.00	5.50
12-in. stem, 12-in. crown	1.25	2.25
14-15-in. stem, 12-in. crown	1.50	2.75
BUSH—Out of tubs—	Doz.	Per 100
10-inch	\$3.00	\$22.50
12-inch	4.00	30.00
18-inch	6.50	45.00

Out of tubs 25c each reduction.

10% discount allowed on Pyramids in lots of 10 or more.
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WEST HOBOKEN, N. J.—Miss Mary C. Goldner of the Rosery Flower Shop has been honored with the appointment of clerk of the board of health, being the first woman ever appointed to public office here.

LOUISVILLE, Ky.—George E. Schulz, president of the Jacob Schulz Co., has been appointed judge of plants and flowers at the Kentucky state fair. Professor E. J. Kinney will judge the seed exhibits.

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Chicago.

CURRENT PRICE LIST. Per doz.

Roses, Beauty, specials	\$4 00
" " 36-in.	3 00
" " 30-in.	2 50
" " 24-in.	2 00
" " 20-in.	1 50
" " 18-in.	1 00
Per 100	
" Mrs. Chas. Russell.	\$4 00@15 00
" Beauty, short	4 00@ 6 00
" Hoosier Beauty	2 00@10 00
" Killarney Brilliant	2 00@10 00
" Killarney	2 00@10 00
" White Killarney	2 00@10 00
" Richmond	2 00@10 00
" Prince de Bulgarie	2 00@10 00
" Rhea Reid	2 00@10 00
" My Maryland	2 00@10 00
" Mrs. Geo. Sawyer	2 00@10 00
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" Frances Scott Key	3 00@10 00
" Bayard Thayer	3 00@10 00
" Cecile Brunner	2 00@ 3 00
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" Baby Doll	2 00@ 3 00
" Fireflame	4 00
" Our selection	3 00
Carnations	1 00@ 3 00
Cattleyas	per doz., 9 00
Chrysanthemums	per doz., 2 00@ 4 00
Asters	2 00@ 4 00
Dahlia	3 00
Lilium Harrison	10 00@12 50
Valley	3 00@ 6 00
Adiantum Crowe	1 00@ 1 50
Ferns	per 1000, 2 00@2 50
Galax	1 00@1 25
Leucothoe	75@ 1 00
Mexican Ivy	per 1000, 5 00@6 00
Plumosa Strings	each, 60@ 75
Smilax	per doz., 2 00@2 50
Sprenger, Plumosa Sprays	3 00@ 4 00
Boxwood, 25lb per case	7 50
Wild Smilax	per case, \$6.00

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FOR THE BEST GREENS SEND YOUR ORDERS TO US.

EXTRA LONG DAGGER FERNS, \$1.50 per 1000;
\$1.35 per 1000 in 5000 lots.

NEW GREEN GALAX, \$7.50 per case.
BRONZE GALAX, case \$11.00.

SPHAGNUM MOSS, \$2.00 per 5 Bbl. Bale; 6 Bales for \$10.00.

THE LEO NIESSEN CO.,

1201-5 Race St., Philadelphia, Pa.

Philadelphia Florists' Club.

Tuesday, September 5, was "canna night," with Eugene H. Michell, of H. A. Dreer, Inc., as the essayist, his subject being, "Cannas up to Date." With his own hands he had selected and cut spikes of bloom of all the newer sorts with which to illustrate his remarks. There were about 75 vases with six or more sprays to a vase, which made a gorgeous showing of color. He stated that nearly all the sorts worth while had been introduced in the past 15 years; in fact, every variety grown 20 years ago was now in existence. Many good varieties had been deteriorated by being raised from seed. For example, Florence Vaughan was one of the best years ago, but now much inferior. In his lecture he compared various varieties, showing their characteristics and shades of color in such a way as only such a canna expert could do. He appeared to have every variety and its family tree at his finger tips. It was a most enjoyable and delightful lecture.

Joseph Heacock gave a very interesting account of his trip to the Houston convention and told of the cordial reception given the visiting florists by the trade in New Orleans. He also gave his impressions of the trade exhibits at Houston and passed around a number of photographs of C. W. Ward's exhibit of bulbs and plants, grown in British Columbia, but which have heretofore always been imported. He was much impressed with this display.

Robert Pyle, of West Grove, Pa., the home of cannas, also spoke commending the work of the hybridizers of this flower, and expressed the hope that all would help to popularize and see that it received the place as a flower that it deserves.

Nominations for officers for the ensuing year were as follows: Adolph Farenwald, president; W. F. Therkindson, vice president; David Colflesh, treasurer; George Loring, secretary; David Rust and F. Cowperthwaite, directors.

Mr. Savill, of the H. F. Michell Co.'s gardens, will talk of October glories and hardy flowering plants at the October meeting.

K.

Cincinnati.

SUPPLY CLEANS UP WELL.

The demand for stock is steady and active and takes up practically all the receipts. The supply is somewhat heavier than it was. Asters are more plentiful and are selling readily. Gladioli continue plentiful. The rose cut is increasing in size and meets with a good demand. American Beauties may now be had. Easter lilies are not very plentiful. Cosmos is meeting with a good market. Other offerings include rubrum lilies and dahlias.

NOTES.

The regular meeting of the florists' society will be held Monday evening, September 11, at Hotel Gibson. Bowling after the meeting.

E. G. Gillett has been showing some good Sunburst, Ward, Russell and Ophelia roses.

Wholesale Flower Markets

BOSTON, Sept. 6.		Per 100
Roses, Beauty.....	20	00@25 00
" Killarney Queen.....	2	00@ 8 00
" White and Pink Killarney.....	2	00@ 8 00
" Double White Killarney.....	2	00@ 8 00
" Killarney Brilliant.....	4	00@10 00
" Hadley.....	4	00@10 00
" Cardinal.....	2	00@ 8 00
" Mock.....	6	00@12 00
" Mrs. Chas. Russell.....	6	00@12 00
" Sunburst.....	6	00@12 00
" Taft.....	2	00@ 8 00
" Milady.....	2	00@ 6 00
" Ward and Hillingdon.....	2	00@ 8 00
" My Maryland.....	50	@ 5 00
Cattleyas.....	50	00@75 00
Lily of the Valley.....	4	00@ 5 00
Sweet Peas.....	50	@ 1 00
Carnations.....	1	00@ 2 00
select.....	2	00@ 3 00

BUFFALO, Sept. 6.		Per 100
Beauty Special.....	20	00@25 00
" Fancy.....	15	00@20 00
" Extra.....	10	00@12 00
" First.....	8	00@10 00
" Second.....	2	00@ 4 00
Roses, Killarney.....	3	00@ 6 00
" White Killarney.....	3	00@ 6 00
" My Maryland.....	3	00@ 7 00
" Sunburst.....	3	00@ 6 00
" Ward.....	2	00@ 5 00
" Shawyer.....	3	00@ 6 00
Lily of the Valley.....	4	00@ 6 00
Lilies.....	8	00@10 00
Cattleyas.....	40	00@50 00
Carnations.....	1	00@ 2 00
Gladiolus.....	2	00@ 4 00
Asters.....	1	00@ 3 00
Asparagus Sprengeri... 35@	50	
Ferns.....per 1000, 2	00	
Smilax.....	15	00

CINCINNATI, Sept. 6.		Per 100
Roses, Killarney.....	2	00@ 6 00
" My Maryland.....	2	00@ 6 00
" Richmond.....	2	00@ 6 00
" Taft.....	2	00@ 6 00
Lilium Giganteum.....	8	00@10 00
Asparagus Plumosus, per bch., 25c		
Gladiolus.....	2	00@ 4 00
Asters.....	2	00@ 4 00
American Beauty, per doz.....	75	@ 3 00

The Cincinnati Cut Flower Exchange has been having some excellent cosmos.

C. E. Critchell has been having a good call for his asters and gladioli.

Visitors: Miss Fannie White, Lexington, Ky.; Chas. Baum and Wm. Man, Knoxville, Tenn.; E. Officer and A. Horn, Soddy, Tenn., and Paul Berkowitz, of H. Bayersdorfer & Co., Philadelphia, Pa.

H.

Providence, R. I.

RECEIPTS LIMITED WITH ACTIVE DEMAND.

Asters are plentiful and the colors are good. Although the mainstay of the summer trade has been funeral work, the call for cut flowers has been satisfactory. The demand is steady but the receipts are inclined to be limited, and practically everything on the market meets with a good sale. Roses may be had in small quantities and some dahlias are coming in.

Macrae is cutting good quantities of Easter lilies daily but sells out before the close of the store.

Visitor: H. C. Neubrand, representing A. N. Pierson, Inc., Cromwell, Conn.

H. A. T.

WELCH BROS. CO.

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Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

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Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

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A full line of Summer Flowers
Always high grade Easter Lilies

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STUART MILLER, WHOLESALE FLORIST

Always Seasonable Flowers

Orchids, Valley, Roses, Asters, Gladioli, Easter Lilies, Hydrangeas.

Unexcelled Opening for Carnation Consignors for the Coming Season.

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Extra Quality Pink and White Killar-
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Obtain our prices on quality lots.
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Choice American Beauties, Russells, Mock
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CATTLEYS, CARNATIONS and LILIES.
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High Grade Roses, Gladioli, Asters, Easter Lilies
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Wholesale Flower Markets

PHILADELPHIA, Sept. 6.		Per 100
Roses, Beauty, extra.....	20 00@25 00	
" first.....	10 00@15 00	
" Mrs. Chas. Russell.....	6 30@10 00	
" Killarney.....	2 00@4 00	
" White Killarney.....	2 00@6 00	
" Liberty.....	2 00@6 00	
" Hadley.....	4 00@12 00	
" Sunburst.....	3 00@8 30	
" Ophelia.....	3 00@8 00	
" Hoosier Beauty.....	4 00@12 00	
Carnations.....	1 00@2 00	
Cattleyas.....each, \$0 75@1 00		
Lilium Harrisii.....	6 00@8 00	
Asters.....	2 00@4 00	
Gladiolus.....	2 00@6 00	
Larkspur.....	4 00@6 00	
Dablias.....	1 00@4 00	
Valley.....	4 00@6 00	
Asparagus.....per bunch. 50		

PITTSBURGH, Sept. 6.		Per 100
Roses, Beauty, special.....	25 00	
" fancy.....	20 00	
" extra.....	15 00	
" No. 1.....	8 00	
" Killarney.....	2 00@6 00	
" My Maryland.....	2 00@6 00	
" Sunburst.....	2 00@6 00	
" Mrs. Aaron Ward.....	2 00@5 00	
Cattleyas.....	40 00	
Lilium Giganteum.....	8 00	
Carnations.....	1 00	
Adiantum.....	1 25	
Asparagus Sprengeri, per bunch. 35@40		
Asters.....	1 00@2 00	
Gladiolus.....	2 00@4 00	
Lily of the Valley.....	4 00	

MILWAUKEE, Sept. 6.		Per 100
Roses, Killarney and W. Killarney	3 00@8 00	
" Ward.....	3 00@6 00	
" Mrs. Chas. Russell.....	5 00@20 00	
" Ophelia.....	3 00@8 00	
" Hoosier Beauty.....	3 00@10 00	
Lilies.....	10 00@12 50	
Cattleyas.....per doz., 6 00		
Carnations.....	1 00@2 00	
Snappedragons.....doz., \$0.25@0 50		
Gladioli.....	2 00@3 00	
Rubrum.....	3 00	
Valley.....	5 00	
Asters.....	1 00@3 00	

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WELCH'S WHOLESALE AND COMMISSION FLORISTS

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Consignments of Beauties, Lilies of the Valley,
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Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

St. Louis, Sept. 6.		Per 100
Roses, Killarney.....	1 00@4 00	
" White Killarney.....	1 00@4 00	
" Aaron Ward.....	1 00@4 00	
" Sunburst.....	2 00@6 00	
" Ophelia.....	2 00@5 00	
" Cecile Brunner.....	2 00	
" Richmond.....	1 00@8 00	
" Mrs. Chas. Russell.....	3 00@8 00	
Valley.....	4 00	
Lilies.....	10 00	
Asparagus Plumosus, per bu. 25@75		
Fernsper 1000. 1 50		

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BEES' ROSES ARE AMAZING

Top growth alone is not a safe criterion of the value of a rose tree to you. True, you must have vigorous and healthy branch and leaf development in order to insure a solid foundation for the subsequent life of the tree. But these things are often procured in highly-fed soils where the formation of root fibre is retarded or negated. When you get such trees into your forcing or flowering beds, there is a long pause before the roots become acclimatised, so to speak. This is due to the fact that the necessary equipment of feeding fibres, which will enable the trees to go straight on with their work, does not exist. Abundance of root fibre was not necessary in the period of forced growth in heavy over-fed soil, consequently Nature did not provide it. The result is a fat lazy tree, of actually less value to you than a starveling.

What you want is a tree that has more or less of a struggle for existence—that has had to work for its living; a prize-fighting-boxer sort of tree, that is trained up to the last ounce. You can get such trees under suitable conditions. They are grown by the million on Bees' 200-acre farm in North Wales, England. Bees' Nursery is part of a huge plain situated on the banks of the River Dee, within hail—almost—of Chester, on the one hand, and Mount Snowdon on the

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Lady Alice Stanley (H.T.)	8.25
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Lucy Bertram (H.S.B.)	9.50
Lyon Rose (H.T.)	8.25
Mabel Drew (H.T.)	10.75
Mme. Abel Chatenay (H.T.)	8.25
Mme. Collette Martinet (H.T.)	25.00
Mme. Constant Soupert (T.)	9.50
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Mme. Edouard Herriot	9.50
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Briar, Clean, Hardy, Field-Grown Stock.

INGLY FIBROUS ROOTED.

other. The land is actually reclaimed silt deposited by the Dee during past ages, and is swept from end to end by the bitter gales from the Atlantic Ocean.

See how splendidly these two factors combine to produce the ideal rose tree. First, there is the **naturally** rich, humus-laden silt soil. It is in a finely divided condition, and encourages—makes necessary—the formation of multitudinous root-fibres. Neither light nor heavy, and neither too wet nor too dry, it is the ideal rooting medium. Then the climate, the most searching and severe in the British Isles, comes into play. Every inclination towards exuberance is keenly contested. The tree has veritably to fight for its life. Wind, cyclonic in violence, almost tears the trees up by the roots; but the result is a more thorough and firm anchorage of the root fibres. Alternating climatic conditions of Arctic severity or delusive mildness compact the plant tissues to iron-wood hardness. The result, at lifting time, is a short-jointed, stocky tree, which grows and blooms with almost magical luxuriance when transplanted into milder quarters.

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Mrs. Forde (H.T.)	9.50
Mrs. Fred Straker (H.T.)	9.50
Mrs. G. Sawyer (H.T.)	9.50
Mrs. F. W. Vanderbilt (H.T.)	9.50
Mrs. Harold Brocklebank (H.T.)	9.50
Mrs. Herbert Hawkesworth (T.)	12.00
Mrs. Herbert Stevens (T.)	9.50
Mrs. John Laing (H.P.)	7.75
Mrs. Joseph H. Welch	9.50
Mrs. Myles Kennedy (T.)	9.50

DWARFS—Continued.

Mrs. R. D. McClure (H.T.)	\$9.50
Mrs. R. G. Sharman Crawford (H.P.)	7.75
Mrs. Taft (D. Poly)	7.75
Mrs. Theodore Roosevelt (H.T.)	9.50
Mrs. Wakefield Christie Miller (H.T.)	9.50
Mrs. Wallace H. Rowe (H.T.)	9.50
Mrs. W. H. Cutbush (D. Poly)	7.75
Mrs. W. J. Grant (Belle Siebrecht)	8.25
Nita Weldon (T.)	9.50
Old Gold (H.T.)	12.50
Old Moss	7.00
Ophelia (H.T.)	12.00
Orleans Rose (D. Poly.)	7.75
Paul Lede (H.T.)	8.25
Pharisaer (H.T.)	8.25
Prince Camille de Rohan (H.P.)	7.75
Prince de Bulgarie (H.T.)	8.25
Queen Mary (H.T.)	12.00
Rayon d'Or (H.B.)	10.75
Richmond (H.T.)	8.25
Rose Bradwardine (H.S.B.)	9.50
Senateur Vaisse (H.P.)	7.75
Souvenir de Gustave Prat (H.T.)	9.50
Sunburst (H.T.)	9.50
Suzanne Marie Rodocanachi (H.P.)	7.75
Ulrich Brunner (H.P.)	7.75
Victor Hugo (H.P.)	7.75
Viscount Carlow (H.T.)	9.50
Viscountess Folkestone (H.T.)	8.25
Warrior (H.T.)	9.50
White Killarney (H.T.)	9.50
Willowmere (Per.)	9.50
W. R. Smith (T.)	9.50
Yvonne Rabier	8.25

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Alberic Barbier (Cl. Wich.)	\$8.25
American Pillar (Cl. Poly.)	8.25
Ards Rover (Cl. H.P.)	8.25
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Billard et Barre (Cl. T.)	8.25
Blush Rambler (Cl. Poly.)	8.25
Caroline Testout (Climbing)	8.25
Coronation Rambler (Cl. Wich.)	8.25
Crimson Rambler (Cl. Poly.)	7.00
Dorothy Dennison (Cl. Wich.)	8.25
Dorothy Perkins (Cl. Wich.)	8.25
Excelsa (Cl. Wich.)	8.25
Felicite Perpetue (Cl. Semp.)	7.75
Gardenia (Cl. Wich.)	8.25
Gerbe Rose (Cl. Wich.)	8.25
Gloire de Dijon (Cl. T.)	8.25
Hiawatha (Cl. Poly.)	8.25
Johanna Sebus (Cl. H.T.)	8.25
Lady Waterlow (Cl. H.T.)	8.25
La France climbing (Cl. H.T.)	8.25
Liberty, climbing (Cl. H.T.)	8.25
Mme. Alfred Carriere (Cl. H.N.)	8.25
Mme. Jules Gravereaux (Cl. T.)	8.25
Marechal Niel (Cl. N.)	9.50
Minnehaha (Cl. Wich.)	8.25
Mrs. W. J. Grant, climbing (Cl. H.T.)	8.25
Paul Lede, climbing	9.50
Paul Transon (Cl. Wich.)	8.25
Reine Olga de Wurtemberg (Cl. H.N.)	8.25
Richmond, climbing (Cl. H.T.)	9.50
Shower of Gold (Cl. Wich.)	8.25
Source d'Or (Cl. H.B.)	8.25
White Dorothy Perkins (Cl. Wich.)	8.25
Zephyrine Drouhin (Cl. H.B.)	8.25

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New York.

READY SALE FOR GOOD STOCK.

The past week brought no material change in the condition of the cut-flower market. The weather was much cooler, which made life more endurable but did not greatly increase sales. Though buying has been light, no good stock has gone a-begging. Some uneasiness was felt in the wholesale district over the possibility of a railroad tieup, but that, happily, has been averted. Such an event, it is needless to add, would have been a great calamity to this city. On account of their continued scarcity, cattleyas are hovering between \$1 and \$1.50 per flower, wholesale rates. American Beauties are not plentiful, and very special stock has gone as high as \$25 and \$30 per 100, or at that rate, but there is long-stemmed stock going as low as \$15. Lily of the valley remains at about \$4 and \$5 per 100, but there is an upward tendency in prices on Easter lilies, the asking prices, September 2, being \$8 to \$10. There is no change worthy of note in the prices of tea roses; the supply is slowly increasing, but special stock may be classed as a novelty at this time. There is a plentiful supply of asters, but no surplus, and prices range, as a rule, from \$1 to \$3 per 100, with a few long stems and extra fine flowers going at \$4 per 100. One noteworthy feature during August, was the almost entire absence of sweet peas from the market and they have been greatly missed by the buyers. We question whether 1,000 good sweet peas came into this market during the entire month. Good gladioli are yet arriving and they move. In chrysanthemums, new crop carnations and bouvardias, there is a slight increase in supply. Dahlias are increasing in supply and improving in quality.

September 4.—This being a holiday and there having been a great exodus from the city, business was very light, the wholesale stores closing at noon. The weather is clear and cool, and it is hoped that when the people return, business will improve.

CLUB MEETING.

The next meeting of the New York Florists' Club will be held in its rooms in the Grand Opera House building, Eighth avenue and 23d street, on the evening of September 11. As there has been a vacation of two months, there should be a large attendance. It is expected that Secretary Young will make an interesting report of the Houston convention, and others who were there may also have something to say. Chairman Hildenbrand of the house committee and his assistants will serve "ham and"—or something better.

NOTES.

Frank Traendly, of Traendly & Schenck, spent a day of the past week in this city and we were all glad to see him. He has been such an interesting personage in the wholesale district for so many years, that the place seems "sad and forlorn" when he is away. He seemed to be in fine health and spirits. He is spending the summer with Mrs. Traendly and the little Traendlys, on the farm at Rowayton, Conn.

J. Jacobs of Zarnier & Jacobs (the Marguerite Flower Co.) of 1392 Broadway, Brooklyn, was seized with appendicitis, removed to a hospital and operated on, September 2. As he is a young man of good habits, who has hitherto enjoyed good health, it is believed he will come through all right. "Jake" is well known and popular in the wholesale district.

John M. Thielman, of 890 Broadway, Brooklyn, who has been a retail florist in that locality for 42 years, has

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its Best Growers.

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started west to introduce his new plant food "Fertilo-Humus." He will visit Chicago, Kansas City, San Francisco and other cities. From what we have seen of his product, we think it a good thing, and commend Mr. Thielman to the trade.

Horace E. Froment has returned from a vacation of several weeks and looks fine, but for that matter, being a husky young fellow, he always looks well. During his absence, the "boys" took to painting and decorating and the store now looks as good as new.

Peter L. Bogart, the retailer of 970 Sixth avenue, is sojourning at an up-state resort and painters and decorators are making great improvements in the store, but the regular force, notably his big brother, William, continue active in the flower business.

At the store of J. H. Small & Sons, 505 Madison avenue, a force of workmen has been busy for some time on interior improvements. This store seemed up to date when opened a short time ago, but new and clever features have been added.

Harry Bayersdorfer, of Philadelphia, you all know him, is in the city today (September 4) calling on friends, and wears the "smile that won't come off." His house has just received a large shipment of goods from across the big pond.

G. F. Laufenburger, the retailer of 2660 Third avenue, with his wife, has just returned from a trip to Maine and the Old Bay state. They were absent three weeks, visiting Old Orchard and Portland, and returning by steamer to Boston.

We must hand a bouquet to Joseph Vock, salesman for W. H. Siebrecht, who says we usually quote lily of the valley too low. It is so unusual to hear a wholesaler say that anything is quoted too low that we make a note of it.

At the store of John J. Coan, Inc., 115 West 28th street, we have recently noticed a good assortment of roses, asters, gladioli and other flowers. John is one of the hustlers of the wholesale district.

At the store of M. C. Ford, 121 West 28th street, we have recently noticed a good stock of American Beauties; also, new crop carnations that are good for the season.

George Hildenbrand, of John Young & Co., is on his vacation and his various duties are keeping the genial secretary very busy, but he is a glutton for work.

D. C. Arnold & Co., Inc., 112 West 28th street, in addition to other cut



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flowers, are now receiving exceptionally fine dahlias.

The George W. Crawbuck Co., Inc., 57 West 28th street, is handling good chrysanthemums of the variety Golden Glow.

Badgley & Bishop, Inc., 34 West 28th street, are receiving particularly fine pink asters, which bring top prices.

Andrew Scott, buyer and manager for Alexander McConnell, is taking a well-earned vacation.

The Growers' Cut Flower Co. is receiving fine asters from A. A. Young, Jewett City, Conn. A. F. F.

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" extra and fancy.....	8 00@10 00	
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" Alice Stanley.....	1 50@10 00	
" Francis Scott Key, special.	8 00@10 00	
" Mrs. Geo. Shawyer.....	1 00@ 6 00	
" White Killarney.....	4 00@ 5 00	
" Killarney, My Maryland....	4 00@ 5 00	
" No. 1 and No. 2.....	1 00@ 3 00	
" Queen.....	1 00@ 6 00	
" Brilliant.....	1 00@ 6 00	
" Aaron Ward.....	1 50@ 8 00	
" Richmond.....	2 50@ 4 00	
" Supburst.....	1 50@ 6 00	
" Taft.....	1 00@ 6 00	
" J. L. Mock.....	1 50@ 8 00	
" Ophelia.....	1 50@ 8 00	
" Mrs. Chas. Russell.....	2 00@10 00	
" Cleveland.....	1 50@ 8 00	
" Hadley.....	2 00@10 01	
Cattleya Orchids, special.....each,	1 25@ 1 50	
" inferior grades.....	75	
Dahlias.....	1 00@ 1 50	
Bouvardia.....	2 00	
Rubrum.....	3 00@ 4 00	
Lilies, Longiflorum and Harrisii..	8 00@10 00	
Lily of the Valley.....	4 00@ 6 00	
Gladious America.....	1 50	
" inferior grades.....	50@ 80	
Asters.....	2 00@ 4 00	
Chrysanthemums.....per doz.	8 00@ 3 00	
Adiantum Croweanum and		
" Hybridum.....	40@ 50	
Asparagus Plumosus.....doz. bchs.	2 00@ 2 25	
Smilax.....doz. strings.	1 00@ 1 75	
Carnations.....	1 00@ 1 50	

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Kansas City, Mo.

SUMMER BUSINESS VERY SATISFACTORY.

Considering the extremely warm weather and the resultant scarcity of stock, the local florists report a very good summer trade and are making active preparations to take care of what promises to be a fine fall and winter business. Fear of a nationwide railroad strike, caused a general stocking up last week with the result that the demand was somewhat heavier than usual. Gladioli, asters and lilies are plentiful and of good grade but the supply of roses is limited. Other lines look promising and will be seen on the market soon.

NOTES.

Wm. L. Rock Floral Co. reports difficulty in getting sufficient good stock to fill all orders in full. They are commencing to cut roses and are showing some good stock of American Beauty. The demand for funeral work has been good here as elsewhere.

W. J. Barnes reports another good week of funeral work and was fairly well stocked to meet the demand. Among the handsome pieces turned out was a large casket blanket of asters, gladioli and lilies, arranged with fancy greens.

A. F. Barbe reports a very favorable summer trade. Funeral work at this establishment has been exceptionally heavy. He has commenced to cut roses and carnations.

T. J. Noll & Co. are carrying a fine line of gladioli, asters and lilies. Roses are good and more plentiful and some fine American Beauties are among the offerings.

Both local and out-of-town business has been very satisfactory with the Geo. M. Kellogg Flower & Plant Co., funeral work taking the lead.

Walter Heite, of Merriam, Kan., has 15,000 chrysanthemums planted. One large house of fancy sweet peas also looks well.

H. Kusik & Co. are handling large quantities of good stock and report a daily cleanup. Roses are also seen here.

J. Austin has the framework of his new house completed and is ready for the glass.

A. Newell reports funeral work very good. Stock also shows improvement.

Ray Blessing is now one of the staff at J. F. Noll & Co.

Visitors: T. D. Long, representing Vaughan's Seed Store, Chicago; Frank Farney, Philadelphia, Pa.; C. P. Mueller, Wichita, Kan.; Mrs. Hallcraft,

Mrs. Lord and M. Knipe, Leavenworth; Thomas Best, St. Joseph, Mo.; Mrs. R. E. Darbee, San Francisco, returning from the S. A. F. convention; Horace Cheeseman, New York; J. D. Christiansen, Milwaukee, Wis., and A. H. Harrison, Louisville, Ky. E. J. B.

Floriculture at Iowa State Fair.

The floricultural features at the Iowa state fair and exposition which was held at Des Moines, August 23-September 1, were excellent, the classes being numerous and the displays well staged. In the plant section the competition was very keen, the J. S. Wilson Floral Co. of Des Moines and the Iowa Seed Co. of the same city dividing the honors. Both firms also made good displays of cut flowers and designs, as did Lozier's, The Florist, Trillow's Greenhouses and The Rosery, all of whom were keen contenders in the last named section. The awards were as follows:

PLANTS.

Collection of plants in bloom, not less than 25 varieties—J. S. Wilson Floral Co., 1st; Iowa Seed Co., 2nd.
Collection of foliage or decorative plants, not less than 25 varieties—Iowa Seed Co., 1st; J. S. Wilson Floral Co., 2nd.
Collection of palms—Iowa Seed Co., 1st; J. S. Wilson Floral Co., 2nd.
Collection of ferns—Iowa Seed Co., 1st; J. S. Wilson Floral Co., 2nd.
Collection of coleus—Iowa Seed Co., 1st; J. S. Wilson Floral Co., 2nd.
Collection of geraniums—J. S. Wilson Floral Co., 1st; Iowa Seed Co., 2nd.
Collection of flowering begonias—Iowa Seed Co., 1st; J. S. Wilson Floral Co., 2nd.
Specimen *Areca lutescens*—J. S. Wilson Floral Co., 1st; Iowa Seed Co., 2nd.
Specimen *Kentia Fosteriana*—Iowa Seed Co., 1st; J. S. Wilson Floral Co., 2nd.
Specimen *Phoenix Canariensis*—Iowa Seed Co., 1st; J. S. Wilson Floral Co., 2nd.
Specimen *Phoenix Roebelenii*—J. S. Wilson Floral Co., 1st; Iowa Seed Co., 2nd.
Specimen *Cycas revoluta*—Iowa Seed Co., 1st; J. S. Wilson Floral Co., 2nd.
Specimen *Nephrolepis Bostoniensis*—J. S. Wilson Floral Co., 1st; Iowa Seed Co., 2nd.
Specimen *Nephrolepis Whitmanii*—J. S. Wilson Floral Co., 1st; Iowa Seed Co., 2nd.
Specimen *Asparagus Sprengeri*—Iowa Seed Co., 1st; J. S. Wilson Floral Co., 2nd.
Vase of plants—J. S. Wilson Floral Co., 1st; Iowa Seed Co., 2nd.
Basket of plants—J. S. Wilson Floral Co., 1st; Iowa Seed Co., 2nd.

CUT FLOWERS AND DESIGNS.

Display of cut flowers—Iowa Seed Co., 1st; J. S. Wilson Floral Co., 2nd.
Fifty red carnations—Loziers, The Florist, 1st; Trillow's Greenhouses, 2nd.
Fifty pink carnations—Loziers, The Florist, 1st; Iowa Seed Co., 2nd.
Fifty white carnations—Iowa Seed Co., 1st; Loziers, The Florist, 2nd.
Wreath—Iowa Seed Co., 1st; Loziers, The Florist, 2nd.
Spray—Loziers, The Florist, 1st; Trillow's Greenhouses, 2nd.

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Twelve American Beauty roses—Loziers, The Florist, 1st; The Rosery, 2nd.
Twenty-five Milady roses—Iowa Seed Co., 1st; Trillow's Greenhouses, 2nd.
Twenty-five Pink Killarney roses—Iowa Seed Co., 1st; Loziers, The Florist, 2nd.
Twenty-five White Killarney roses—Loziers, The Florist, 1st; Trillow's Greenhouses, 2nd.
Twenty-five Aaron Ward roses—Trillow's Greenhouses, 1st; Iowa Seed Co., 2nd.
Best table decoration, for dinner—Loziers, The Florist, 1st; The Rosery, 2nd.
Best table decoration, for luncheon—Loziers, The Florist, 1st; The Rosery, 2nd.
Best basket assorted flowers—Loziers, The Florist, 1st; The Rosery, 2nd.
Best bride's bouquet—Loziers, The Florist, 1st; Iowa Seed Co., 2nd.
Best corsage bouquet—Loziers, The Florist, 1st; Iowa Seed Co., 2nd.
Best vase assorted flowers—Loziers, The Florist, 1st; Trillow's Greenhouses, 2nd.

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Members of Florists' Telegraph Delivery and National
Florists for this District. A specialty made
of "Welcoming" and "Bon Voyage" packages.

Denver, Colo.

The Park
Floral Co.
J. A. VALENTINE, President.

Members of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, **DARDSFLOR.**

Members of Florists' Telegraph Delivery.

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

SEATTLE, WASH. HOLLYWOOD GARDENS

Seattle's Leading Flower Shop
1536 SECOND AVE.

Members of Florists' Telegraph Delivery.

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

PHILADELPHIA, 1800 Chestnut St.
ATLANTIC CITY, 2517 Board Walk

THE LONDON FLOWER
SHOP, LTD.

Members of Florists' Telegraph Delivery.

Pittsburgh, Pa.

A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member of Florists' Telegraph Delivery.

Name Index to Retail Florists Filling Telegraph Orders.

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Briggs Floral Co., Chicago.
Brooklyn Cut Flower Market, Brooklyn, N. Y.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Callahan, M. J., Philadelphia, Pa.
Clarke's Sons, David, New York.
Comley, Henry R., 6 Park St., Boston, Mass.
Cooke, Geo. H., Conn. Ave. and L. Washington.
Dard's, 44th and Madison Ave., New York.
Dominion Floral Co., The Montreal, Quebec.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyes, 106 State St., Albany, N. Y.
Evensen Bros., Williamsport, Pa.
Fox, J. M. & Son, Inc., Milwaukee, Wis.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Hatcher, John C., Schenectady, N. Y.
Hencle, Miles S., Syracuse, N. Y.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Higgins, N. F., Springfield, Mass.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Howard & Smith, Los Angeles, Calif.
Huscroft's Flower Shop, Steubenville, O.
Johnson & Co., T. J., Providence, R. I.
Joseph's, 233-235 Grant Ave., San Francisco.
Joy Floral Co., Nashville, Tenn.
Keller Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Lehorius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia, Pa.
London Flower Shop, Ltd., Atlantic City, N. J.
Mangel, Chicago.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
McMurray, D. M., Pueblo, Colo.
Metallic Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J. & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Pearson, E. W., Newburyport, Mass.
Penn, The Florist, Boston, Mass.
Philips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Potter Floral Co., El Paso, Texas.
Pyfer & Olsem, Wilmette, Ill.
Randall's Flower Shop, Worcester, Mass.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London and Norwich, Conn.
Reuter's, Westerly, R. I.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Seki Bros. & Co., Los Angeles, Calif.
Smith & Feters, Cleveland, O.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Van Meter Flower Shop, Springfield, O.
Walker Co., The, F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Whitted Floral Co., Minneapolis, Minn.
Wilson, J. S., Floral Co., Des Moines, Iowa.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfkill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery.

New York.

Henry Hart, Inc.

FLORIST

1000 Madison Avenue

Telephone—Lenox 3822.

In the Heart of the most exclusive residential section.

Mention the American Florist when writing

Omaha, Neb.

Hess & Swoboda

FLORISTS

1415 Farnum St.

PHONES:
1501 and L1582

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

DES MOINES

IN THE CENTER OF IOWA



J. S. Wilson Floral Co.

We cover all points in Iowa.

Members of Florists' Telegraph Delivery.

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of Florists' Telegraph Delivery.

Washington, D. C.

Blackstone.

14th and H. Street.

Philadelphia, Pa.

M. J. CALLAHAN FLOWERS

3924 Market Street Both Phones

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



Mention the American Florist when writing

Brooklyn, N. Y.

JOSEPH TREPEL

334 Lewis Ave., Telephone No. 1310 Bedford
—Six Up-to-date stores in the City of Brooklyn—
We give personal attention to your orders and guarantee satisfaction

Mention the American Florist when writing

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heintz)
336 Superior St., Toledo, O.
Both Phones, 527.11

Special attention to Mail and Telegraph Orders.
Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Rochester, N. Y.

J. B. KELLER SONS, FLORISTS

25 Clinton Avenue, N.

Rochester Phone, 506 Long Dist. Bell Phone 2189
Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City

Mention the American Florist when writing

Duluth, Minn.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota. Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

Mention the American Florist when writing

Houston, Texas.

Robt C. Kerr Floral Co.

Main and McKinney Phone, Preston 160

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyes, 106 State St.
Amsterdam, N. Y.—John C. Hatcher.
Atlantic City—The London Flower Shop, Ltd.
Boston, Mass.—Comley, Henry R.
Boston, Mass.—Thos. F. Galvin, Inc.
Boston, Mass.—Penn. The Florist.
Brooklyn, N. Y.—Brooklyn Cut Flower Market.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Briggs Floral Co.
Chicago—Friedman, 522 S. Michigan Blvd.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder, 3343 W. Madison St.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel, 17 E. Monroe St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews, the Florist.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Des Moines, Iowa.—J. S. Wilson Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
El Paso, Texas—Potter Floral Co.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Paley.
Los Angeles, Calif.—Howard & Smith.
Los Angeles, Calif.—Seki Bros. & Co.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Milwaukee, Wis.—J. M. Fox & Son, Inc.
Montreal, Quebec—The Dominion Floral Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
Newburyport, Mass.—E. W. Pearson.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Henry Hart, Inc.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia, Pa.—M. J. Callahan.
Philadelphia—The London Flower Shop, Ltd.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Providence, R. I.—T. J. Johnston & Co.
Pueblo, Colo.—McMurray, D. M.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Schenectady, N. Y.—John C. Hatcher.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. E. Boland, 60 Kearny St.
San Francisco—Joseph's, 233-35 Grant Ave.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Springfield, Mass.—N. F. Higgins.
Springfield, O.—Van Meter Flower Shop.
Steubenville, O.—Huscroft's Flower Shop.
Syracuse, N. Y.—Miles S. Hencle.
Terre Haute, Ind.—J. G. Heintz & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Westerly, R. I.—Reuter's.
Wilmette, Ill.—Pyfer & Olsem.
Williamsport, Pa.—Eviden Bros. Co.
Worcester, Mass.—Randall's Flower Shop.

Chicago.

BRIGGS FLORAL CO.

228 W. Madison St.
801 Sheridan Road.

Special attention paid to telegraph orders in Chicago and vicinity. One of our stores is located in the heart of the city and the other in the select north side residential district

Los Angeles, Calif.

SEKI BROS. & CO.

Wholesale and Retail Florists

We grow our own flowers All kinds of Decoration a Specialty
Phone A-2550 229 W. 4th Street

PYFER & OLSEM

WILMETTE, ILLINOIS

Careful attention to all mail or telegraph orders for delivery in Wilmette—Chicago's North Shore Suburb—Evanston, Kenilworth, Winnetka, Glencoe, Lake Forest.

New York.

Established 1848

David Clarke's Sons

2139 2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most carefully executed.

Kansas City, Mo.

A. Newell FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Lang Floral & Nursery Co., Dallas, Texas

1303 Main Street

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

Sedalia, Missouri.

Archias Floral Co.

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

Member of Florists' Telegraph Delivery.

N. F. HIGGINS

FLORIST AND DECORATOR

150 State St., SPRINGFIELD, MASS.

LEWIS HENDERSON, Florist

1814 Douglas St., OMAHA, NEB.

Member of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Telephone 1813 Main JOS. LEVY
BROOKLYN
Cut Flower Market, Inc.
Floral Designs a Specialty
356 FULTON STREET
BRANCH: 408 Fulton St.
BROOKLYN, N. Y.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

PHILIPS BROS., 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

**Wolfskill Bros. and
Morris Goldenson**

Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount.
229 WEST THIRD STREET

Kansas City, Mo.

Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Little Rock, Ark.

PAUL M. PALEZ

FLORIST

All orders carefully filled and delivered to all parts
of the city, Arkansas and the Southwest.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully
cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS

Members of Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Avenues
Flowers delivered in city and state on short notice

Member of Florists' Telegraph Delivery.

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members of Florists' Telegraph Delivery.

Steubenville, Ohio.

Huscroft's Flower Shop

173 North Fourth Street

All Orders Promptly Executed

DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.

THINK OF HEINL'S

Mention the American Florist when writing

Rockford, Ill.

H. W. BUCKBEE.

Member of Florists' Telegraph Delivery.

John Bauscher, Champion "Jiner".

John Bauscher, the well-known grower of Freeport, Ill., is the champion "jiner" of the world, a recent initiation bringing his lodge and society affiliations up to 53, which the Chicago Herald is credited with stating is a world's record. In addition to being a member of the Society of American Florists, he belongs to the Elks, Masons, Eagles, Moose, Red Men, Odd Fellows, Owls, United Commercial Travelers, Knights of Pythias and many other organizations.

Fertilizer Johnson.

A little colored girl, a newcomer in Sunday school, gave her name to the teacher as "Fertilizer Johnson." Later the teacher asked the child's mother if that was right. "Yes, ma'am, dat's her name," said the fond parent. "You see, she was named fer me and her father. Her father's name am Ferdinand and my name is Liza. So we named her Fertilizer."—Boston Transcript.

Potato Bugs.

A man wearing a worried look went into a shop which advertised a patent potato bug exterminator and asked for a hundred pounds.

"Certainly, sir," said the amazed assistant; "but that quantity would be sufficient to destroy all the bugs in Cook county."

"I know that," was the reply. "They are all in my garden."

**KANSAS CITY,
MISSOURI.**

**Rock's
FLOWERS**

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

CHICAGO
Engel
The
Palmer House
Florist
17 E. MONROE ST.

Mention the American Florist when writing

C. H. FREY, Wholesale
and Retail
Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

Mention the American Florist when writing

Send Telegraph, Telephone or Mail Orders
for florist service in this vicinity to

THE DOMINION FLORAL CO.

484 St. Catherine's St., West

Montreal, Que., Canada

Every order receives prompt and careful attention

C. Frauenfelder's
FLORIST

3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

E. W. PEARSON

47 State St., NEWBURYPORT, MASS.,

Covers all New England points.

Trade Directory

Price: \$3.00, Postpaid.

American Florist Co.,

440 S. Dearborn St.,

CHICAGO

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Pueblo, Colo.

D. M. McMurray
FLORIST

105 East Abriendo Ave.

Mention the American Florist when writing

Send Telegraph, Telephone or Mail orders for florist service in this vicinity to

Howard & Smith

853 So. Olive St., Los Angeles, Calif.

Every Order sure to receive prompt and careful attention.

Mention the American Florist when writing

WORCESTER, MASS.

Randall's Flower Shop,

13 Pleasant Street.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

VAN METER FLOWER SHOP
SPRING and HIGH, **Springfield, O.**

BEST FLOWERS for EVERY OCCASION.

Mention the American Florist when writing

Williamsport, Pa.

EVENDEN BROS. CO.

Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Boston, Mass.

HENRY R. COMLEY, Florist, 6 Park St.

50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

Mention the American Florist when writing

John C. Hatcher

Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Hoffmans, N. Y.

Mention the American Florist when writing

FREY & FREY,

1338 O Street, LINCOLN, NEB.
WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

El Paso, Texas.

Potter Floral Co.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Boston, Mass.

Penn
The Florist

"Penn, The Telegraph Florist"

Member of Florists' Telegraph Delivery Ass'n.

124 TREMONT STREET

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

Mention the American Florist when writing

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

106 STATE STREET.

Mention the American Florist when writing

Toronto, Can.

Canada's best known and most reliable florist

Only the Best **Dunlop's**
8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee safe arrival.

Mention the American Florist when writing

Milwaukee, Wis.



J. M. Fox & Son, Inc.

437-39-41 Milwaukee St.

Members Florists' Telegraph Delivery Association.

Mention the American Florist when writing

THOS. F. GALVIN
INC.

NEW YORK 561 Fifth Ave.

BOSTON 1 Park Street
799 Boylston Street

Deliveries to steamers and all Eastern Points.

Mention the American Florist when writing

Trade Directory

Containing the Names and Addresses of Florists of the United States and Canada.

PRICE, \$3.00 POSTPAID.

American Florist Co., 440 S. Dearborn St., Chicago

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Cleveland, O.

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of Florists' Telegraph Delivery.

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Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Members of Florists' Telegraph Delivery.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

PROVIDENCE, R.I.

T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

—American Ass'n of Park Superintendents. 1370

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President; F. W. Bolgiano, Washington, D. C., First Vice-President; L. L. Olds, Madison, Wis., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fifth annual convention, June, 1917.

MAGNOLIA, N. C.—C. P. Gaylor, tuberoze grower, died here April 7.

SEATTLE, WASH.—The Puget Sound Bulb Co. has been incorporated with a capital stock of \$30,000.

LOS ANGELES, CALIF.—S. F. Leonard, of the Leonard Seed Co., Chicago, called on the trade here recently.

VISITED CHICAGO: A. J. Brown of A. J. Brown Seed Co., Grand Rapids, Mich.; J. Chas. McCullough, Cincinnati, O.; F. P. Quick of the Griswold Seed & Nursery Co., Lincoln, Neb., and wife, on an auto tour.

BALTIMORE, MD.—William H. Mihm, general manager for J. Bolgiano & Son, and a party of friends have returned from a delightful visit at the summer home of Charles J. Bolgiano, near Mountain Lake Park, Md., the trip through the Allegheny mountains being made by automobile.

WASHINGTON, IA.—By order of the United States district court, southern district of Iowa, a final meeting of the creditors of the Mills Seed Co. of this city, bankrupt, will be held at the office of Frederick D. Everett, referee in bankruptcy, in Albia, Ia., September 12, at 9 a. m., for the purpose of closing up the affairs of the concern.

Lilly's Annual Picnic.

The annual picnic of the Chas. H. Lilly Co., Seattle, Wash., was held on Puget Sound, September 2, 1916, the party leaving the city at noon on the steamer "Puget," and returning late in the evening. A splendid programme of music, dancing, theatricals and sports had been arranged for the occasion and every moment was an enjoyable one. Base ball, fancy swimming and diving, and the tug-of-war were features. Prominent among the members of the various committees who helped to make the outing a success long to be remembered, were the following: Chas. H. Lilly, Farwell Putnam Lilly, A. W. Sprague, Frank Leckeny, H. P. Chapman, Bob Hodge Shaw, W. H. Lilly and J. A. Taylor.

California Seed Crops.

Estimates of the California seed crops, dated August 27, are as follows:

Onion.—Average crop with more acreage and more sales, not enough to fill orders. Whites short with all growers.

Beet.—Fair crop, many now growing it.

Spinach.—Less than one-half of a crop.

Carrot.—About 75 per cent of a crop.

Parsley.—Seventy-five per cent crop.

Parsnip.—A little short.

Radish.—Nearly normal.

Salsify.—Very short.

Lettuce.—Average.

Endive.—Fair.

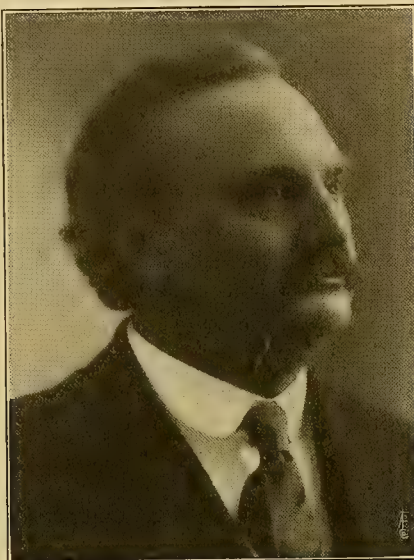
Celery.—Good.

Sweet Peas.—Less than half a crop; some varieties total failure.

TUBEROZE crop reports from North Carolina, indicate good prospects to date.

The Late Henry A. Salzer.

Henry A. Salzer, president of the John A. Salzer Seed Co., LaCrosse, Wis., whose death was recorded in our issue of August 26, page 318, was crushed to death in a deplorable automobile accident near Dresbach, Minn., August 22, when his car, over which the chauffeur had lost control on a steep hill, plunged over a 75-foot embankment. Mr. Salzer and his wife were taking Professor and Mrs. Edward Kremers, of Madison, Wis., who were



The Late Henry A. Salzer.

their guests, to Ferndale, the summer residence of John P. Salzer, a brother of the deceased. The other members of the party escaped serious injury, being thrown clear of the wreck, but Mr. Salzer, who was thrown against a stump and crushed by the heavy car, was killed instantly. He was 61 years of age.

Henry A. Salzer was the second son of John A. Salzer, founder of the widely known seed firm which bears his name. He was born at Dutch Creek, Ia., in 1855, and in 1866 removed with his father, who was a minister, to La Crosse, Wis., where the elder Salzer became pastor of the First German Methodist church. Being the son of a German gardener, the love of flowers was inherent, and they were his hobby all during his period of faithful service to the church, and when in 1869, ill health compelled him to retire from the ministry, he turned naturally to his greenhouses, and, with his sons, laid the foundation of the present large establishment which in the beginning was known as the LaCrosse Floral Gardens.

After the death of his father in 1892, Henry A. Salzer became the head

of the concern, which, under his guidance, has prospered until it holds a most enviable place in the trade. He also had many other business interests, among them being the United States Annuity & Life Insurance Co., of which he was president at the time of his death, the Darlington Electric Co., the Salzer Land Co., and the B. F. Salzer Lumber Co., of Denver, Colo., the Salzer Lumber Co., of Minneapolis, Minn., the New Orleans Syrup Co., the Mercantile State Bank of Minneapolis and the La Crosse Floral Co.

Highly esteemed in the business world, Mr. Salzer occupied no less important a position in the civic and religious life of his community. He was one of the largest contributors to the fund for the building of the First German Methodist church, was president of the board of trustees and the continued success of the church's affairs is credited largely to his business acumen. He was for 16 years one of the members of the book committee of the world organization of the Methodist church and was also a trustee of the Charles City College at Charles City, Ia.

In 1890, Mr. Salzer was married to Miss Clara Kremers of Milwaukee, Wis., who with two children, Kenneth, aged 22 years, and Gertrude, aged 11 years, survive him. He is also survived by two brothers, George Salzer of Minneapolis and John P. Salzer of La Crosse, and two sisters, Mrs. E. C. Lee of Toledo, O., and Mrs. Henry Hallauer of Springfield, Mo. Ben F. Salzer, a brother, died in Denver in 1915.

The funeral services, held Thursday afternoon, August 24, were private, but friends were permitted to view the remains in the morning and throngs paid their last respects. The services were conducted by Rev. John H. Klaus, pastor of the First German Methodist church, of which Mr. Salzer had been a member for nearly 50 years, assisted by Professor Frederick Schaub of Sioux City, Ia., formerly president of Charles City College. The pallbearers were George Salzer, John Salzer, Carl Rau, Professor Edward Kremers, Ernest Kremers and John Kremers. Many handsome floral tributes accompanied the remains to their last resting place.

French Bulbs Lost at Sea.

The S. S. Savonian, which was sunk by a torpedo in the Mediterranean August 13, carried about two-thirds of the French bulb crop destined for England, consisting of Roman hyacinths, freesias and other French bulbs, according to the British trade press. It is understood that Messrs. Sutton, Carter, Howcroft and some other big buyers had consignments in this ship.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

To All Florists Using French Bulbs:

Vaughan's Seed Store advertisements and catalogues offer these bulbs by **stated measure** and in **regular cases**. Others report seeing advertisements of this stock which **do not** give measurements of the bulbs.

Why not get samples of French Paper Whites and the like this season before you place orders?

Vaughan's prices, grading considered, will average over fifteen per cent lower than those of our competitors, because bought early by our own agent in France and paid for in cash or on short terms.

Our present price of **\$7.85 per 1000** for the largest size of Paper White Grandiflora now obtainable, proves this statement.

Advance contract orders booked by us for Paper Whites will be filled with the larger sizes.

Write for our **delivered prices** on Lily Bulbs. Vaughan's **Formosum** run larger in all grades than those of other dealers.

A UGHAN'S SEED STORE, CHICAGO
NEW YORK

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, - - - NEBRASKA

Mention the American Florist when writing

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

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Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale
Farm.

Bristol, Pa.

KELWAY'S

SEEDS--Flower, Vegetable and Farm

For present delivery or on contract. Wholesale only.

Special quotations for next season and
from 1917 harvest now ready.

Langport, - - - England.

BEANS, PEAS, RADISH

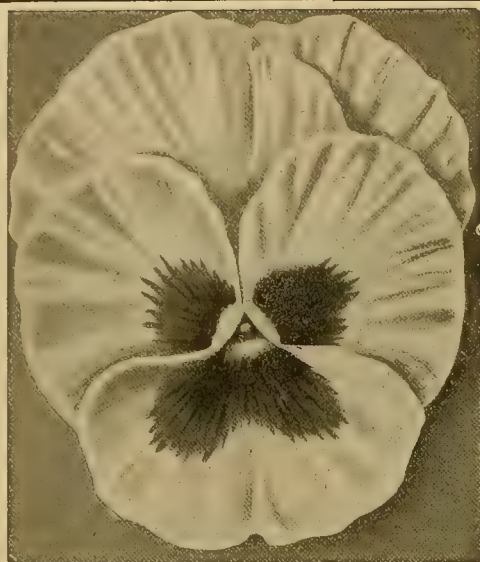
AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write for prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St., Telephone Main 2762. CHICAGO



MICHELL'S NEW CROP FLOWER SEEDS

MICHELL'S GIANT CYCLAMEN

PANSY SEED

ENGLISH GROWN	100 seeds	1000 seeds
Duke of Connaught, Crimson.	\$1.00	\$8.50
Excelsior, White with red base	1.00	8.50
Grandiflora Alba, White	1.00	8.50
Princess of Wales, Pink	1.00	8.50
Salmon Queen, Salmon pink	1.00	8.50
Mixed, A fine assortment of colors	.90	8.00

DAISY, DOUBLE ENGLISH	Tr. pkt.	Oz.
Montrosa (Bellis Perennis)		
Montrosa Pink $\frac{1}{4}$ oz., \$1.50	.50	
Montrosa White $\frac{1}{4}$ oz., 1.50	.50	
Montrosa Mixed $\frac{1}{4}$ oz., 1.25	.50	
Longfellow, Pink	.30	\$1.75
Snowball, White	.30	1.75
Mixed, Choice	.30	1.50

MYOSOTIS

(Forget-Me-Not)

	Tr. pkt.	Oz.
Alpestris Victoria	\$.25	\$0.75
Eliza Fanrobert	.20	.75
Palustris	.30	2.00
Palustris Semperflorens	.25	2.00

Giant Exhibition Mixed. A giant strain which for size of bloom, heavy texture and varied colors and shades cannot be surpassed. Half tr. pkt., 30c; 50c per tr. pkt.; $\frac{1}{8}$ oz. 75c; \$5.00 per oz.

Giant Trimardeau, Mixed. Very large-flowering; choice colors. Tr. pkt. 30c; \$1.25 per oz.

Giant Prize, Separate Colors.

	Tr. pkt.	Oz.
Giant Azure Blue	\$.40	\$1.75
Giant Black Blue	.40	1.75
Giant Emperor William	.40	1.75
Giant Hortensia Red	.40	2.00
Giant King of the Blacks	.40	1.75
Giant Lord Beaconsfield	.40	1.75
Giant Peacock	.40	2.50
Giant Snow Queen	.40	1.75
Giant Striped and Mottled	.40	1.75
Giant White, with eye	.40	1.75
Giant Pure Yellow	.40	1.75
Giant Yellow, with eye	.40	1.75

Also all other seasonable Seeds, Bulbs and Supplies. Send for Wholesale Catalogue.

Henry F. Michell Co., 518 Market St., Philadelphia, Pa.

Lilium Harrisii

BULBS

	Per 100	Per 1000
5 in. to 7 in.	\$ 5.00	\$40.00
7 in. to 9 in.	9.00	80.00
9 in. to 11 in.	22.00	.....

Freesia Refracta Alba

	Per 100	Per 1000
Mammoth size	\$1.75	\$12.00

For Immediate Delivery.

ROMAN HYACINTHS, 12-15
PAPER WHITE NARCISSUS
GRANDIFLORUS

Prices on application.

J. M. THORBURN & CO.
53 Barclay Street, through to 54 Park Place
NEW YORK CITY.

Send Us Your Order Now.

Imported Bulbs

Narcissi, Hyacinths and Tulips
Freesias and Japan Lilies

We Offer
The Best Stock Grown.

Write for
Trade Price List.

ST. LOUIS SEED CO.,

The Home of "Pure and Sure Seeds"

411-413 Washington Ave.,

St. Louis, Mo.

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

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A. Miller, President.

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Bulbs, Seeds, Supplies, Etc.

178 N. Wabash Ave., Chicago, Ill.

THE J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

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Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

STUART LOW CO.,

ROYAL Bush Hill Park
NURSERIES ENFIELD, - ENGLAND.
PRICE LIST ON APPLICATION.

During September and October any communication addressed to HARRY A. BARNARD, Hotel Albert, New York, will have prompt attention.

Cyclamen, Stuart Low's Superb Strain, 1916 crop, just harvested—Low's Salmon King, Giant White Phoenix, Vulcan, Mrs. Buckston, Princess May, etc.

Also specialists in Orchids, Acacias, Grape Vines, Fruit Trees and Roses.

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

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BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists and Market Gardeners.

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TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence Solicited.

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The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,

Branches Michigan, Wisconsin and Idaho

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Boddington's Re-selected Winter-flowering
Spencers as grown by Wm. Sim,
Cliftondale, Mass.

WINTER SPENCER SWEET PEAS.

NEW CROP SEED READY FOR DELIVERY NOW.

	1 oz.	4 oz.	lb.
APRICOT ORCHID. Mostly apricot self.....	\$1.50	\$ 4.50	\$15.00
BELGIAN HERO. A beautiful rose.....	3.00	10.00	35.00
BOHEMIAN GIRL. Light pink.....	1.50	4.50	15.00
BRIDAL VEIL. Pure white.....	1.00	3.50	12.00
CHRISTMAS PINK ORCHID. Pink, white wings.....	3.00	10.00	35.00
MRS. A. A. SKACH. Bright pink.....	.65	2.00	7.50
MRS. JOHN M. BARKER. Lilac.....	1.50	4.50	15.00
MRS. JOS. MANDA. Light shell-pink.....	.65	2.00	7.50
MRS. M. SPANOLIN. Double; white.....	1.00	3.50	12.00
MORNING STAR. Self pink color.....	3.00	10.00	35.00
ORANGE ORCHID. Standard orange, wings dark salmon-pink.....	1.50	4.50	15.00
ORCHID BEAUTY. Rose-pink, with orange.....	.75	2.50	9.00
PINK-AND-WHITE ORCHID.....	.65	2.00	7.50
RED ORCHID. Bright cherry-red.....	.75	2.50	10.00
SENSATION. Newman & Legg's Christmas Pink Orchid.....	3.00	10.00	35.00
SENSATION SCARLET. Bright scarlet.....	3.00	10.00	35.00
THE CZAR. Rose, wings white, mottled pink.....	3.00	10.00	35.00
VENUS. Blush pink.....	1.50	4.50	15.00
WHITE ORCHID. Pure white.....	.65	2.00	7.50
YARRAWA. Bright rose pink. Australian grown seed.....	2.00	7.00	24.00
California Grown Seed.....	.65	2.25	8.00

Mixed Spencers Winter Flowering, oz., 65c; ¼ lb., \$2.00; lb., \$7.50.

CYCLAMEN---Boddington's Gigantic

Sow Now for Best Results.

	Tr.	100	1000		Tr.	100	1000
	pkt.	seeds	seeds		pkt.	seeds	seeds
CHERRY RED.....	\$0.50	\$1.00	\$9.00	PEACH BLOSSOM. Rose color.....	\$0.25	\$0.75	\$7.00
CRIMSON.....	.25	.65	6.00	PRINCESS MAY. Color pink..	.50	1.00	9.00
CRIMSON AND WHITE.....	.50	1.00	9.00	ROSE OF MARIENTHAL. Shell			
LILAC.....	.25	.65	6.00	pink.....	.25	.65	6.00
PINK. Soft pink.....	.25	.65	6.00	SALMON KING. Fine salmon..	.50	1.00	9.00
ROSE. Light rose.....	.25	.65	6.00	SALMON QUEEN. Salmon....	.50	1.00	9.00
SNOWFLAKE. White.....	.25	.65	6.00	SALMONIUM SPLENDENS.			
SYRINGA-BLUE.....	.25	.65	6.00	Fine salmon-pink.....	.25	.80	7.50
WHITE BUTTERFLY.....	.50	1.00	9.00	WONDER (GLORY) OF WANDS-			
PHOENIX. Cherry-crimson..	.50	2.00	18.50	BEK. Intense salmon-red...	.50	1.00	9.00
PURPLE KING.....	.25	.80	7.50	MIXED.....	.25	.60	5.50
VULCAN. Rich crimson.....	.50	2.00	18.50				

Our Wholesale Catalogue of Bulbs and Seasonable Flower Seeds is now Ready. Free to Florists on Request. 5 PER CENT DISCOUNT FOR CASH WITH ORDER. ^{TRA}

Arthur T. Boddington Co., Inc., 128 Chambers St., New York City

My New PRICE LIST of

Winter Orchid-Flowering Sweet Pea Seed

Has been mailed. If you have not received a copy, send Postal for it.

Part of new crop will be ready early in July.

Ant. C. Zvolanek, Lompoc, Calif.

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Grass Mixtures

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MEET ALL REQUIREMENTS FOR ALL SOILS

The Albert Dickinson Co.,
CHICAGO, ILL.

James Vick's Sons

Seedsman, Nurserymen, Florists

SEEDS All the leading
PLANTS kinds for summer
BULBS and fall planting.

Ask for Catalogues. ROCHESTER, N. Y.

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

SIMON LOUIS FRERES & CO.,

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ESTABLISHED 1666.

Wholesale Growers and Exporters of Choice Stocks of

Vegetable, Flower and Forage Seeds

Specialties—Giant Half-Sugar Mangel-Wurzel, Beet, Carrot, Celery, Dandelion,
Endive, Leek, Lettuce, Radish, Swiss-Chard, Swede and Turnip,

IMPORTERS OF—Red-top, Meadow Fescue, Blue Grass, Sunflower, Timothy and Garden Peas. ENGLISH CORRESPONDENCE.

Our traveling salesman, MR. LAWRENCE S. PAYN, who has been calling on the American trade for many years past, is now in the United States and all mail should be addressed to him care F. B. Vandegrift & Co., 15 Whitehall Street, New York.

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Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc.

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GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Asters,
Cosmos, Miknonette, Verbena in variety.
Correspondence Solicited.

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Large Growers and Shippers of

BEANS, PEAS

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ONION SEED

Correspondence Invited

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Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held in
Chicago, September 26-29, 1916.

Standard Basket and Container Law.

Standards for Climax baskets for grapes, other fruits and vegetables, and other types of baskets and containers used for small fruits, berries and vegetables in interstate commerce are fixed by an act approved by the president August 31, 1916. The law will become effective November 1, 1917.

The effect of the act will be to require the use of the standards in manufacturing, sale, or shipment for all interstate commerce, whether the containers are filled or unfilled. A large part of the traffic in fruits and vegetables in this country enters interstate commerce. The law relates only to the containers, and will not affect local regulations in regard to heaped measure or other method of filling. A special exemption from the operations of the law is made for all containers manufactured, sold, or shipped, when intended for export to foreign countries, and when such containers accord with the specifications of the foreign purchasers, or comply with the laws of the country to which the shipment is destined.

Standards of three capacities are fixed for Climax baskets—two, four and 12 quarts, dry measure. These containers, often known as "grape baskets," have relatively narrow, flat bottoms, rounded at each end, and thin sides flaring slightly from the perpendicular. The handle is hooped over at the middle from side to side. In addition to fixing the capacities of these standard baskets of this type, the law also prescribes their dimensions. The other standards are for "baskets or other containers for small fruits, berries, and vegetables." They are to have capacities only of one-half pint, one pint, one quart, or multiples of one quart, dry measure. Such containers may be of any shape so long as their capacities accurately accord with the standard requirements.

The examination and test of containers to determine whether they comply with the provisions of the act are made duties of the department of agriculture and the secretary of agriculture is empowered to establish and promulgate rules and regulations allowing such reasonable tolerances and variations as may be found necessary.

Penalties are provided by the act for the manufacture for shipment, sale for shipment, or shipment in interstate commerce of Climax baskets, and containers for small fruits, berries, and vegetables not in accord with the standards. It is provided, however, "that no dealer shall be prosecuted under the provisions of this act when he can establish a guaranty signed by the manufacturer, wholesaler, jobber, or other party residing within the United States from whom such Climax baskets, baskets, or other containers, as defined in this act, were purchased, to

OPEN THE SEASON WITH Craig Quality Stock Now Ready For Quick Selling

TEDDY, JR., FERNS

Fine young plants from 2½-in. pots.....
.....\$3 per doz.; \$7 per 100; \$60 per 1000
6-in. pots.....\$6 per doz.; \$45 per 100
4-in. pots.....\$20 per 100; \$180 per 1000
8-in. pots.....\$12 per doz.; \$90 per 100

NEPH. JOHN WANAMAKER

"The Wanamaker Boston Fern"

A "sport" from Nephrolepis Scholzei, with longer, narrower, gracefully drooping fronds. It is not so compact in growth as Scholzei, and therefore does not decay in the center, and is a durable house fern. It is a rapid grower, making an abundance of fronds, and is quite distinct from any other Nephrolepis.

2½-in. pots.....\$8 per 100; \$75 per 1000
4 -in. pots, very heavy plants.....
.....\$25 per 100; \$200 per 1000
6 -in. pots, very heavy plants.....
.....\$6 per doz.; \$45 per 100
6 -in. pots, extra heavy plants.....\$70 per 100
8 -in. pots.....\$9 per doz.; \$70 per 100
11 -in. pots.....\$12 and \$15 per doz.
11 -in. tubs.....\$2.50 and \$3 each

NEPH. TEDDY, JR., SPORT

We think very well of this fern, it having all the good qualities of its parent, Teddy, Jr. The fronds are of darker green and more undulated.

2½-in. pots.....\$8 per 100; \$75 per 1000
4 -in. pots.....\$25 per 100; \$200 per 1000

NEPH. BOSTONIENSIS DWARF

This is a dwarf form of the old Boston Fern, same character form and graceful habit.

2½-in. pots.....\$8 per 100; \$75 per 1000

NEPH. ELEGANTISSIMA IMPROVED

This variety is a greatly improved Elegantissima and shows no tendency to revert to the Boston. This will prove a valuable addition to the crested varieties.

2½-in. pots.....\$6 per 100; \$50 per 1000
6 -in. pots.....\$6 and \$9 per doz.
8 -in. pots.....\$12 and \$15 per doz.
Larger plants.....\$2, \$2.50, \$3 and \$3.50 each

NEPHROLEPIS SMITHII

The greatly improved Amerpohlii. It is a compact form, much finer than Amerpohlii, and does not break down in the center. The fronds are carried on wiry stems. This variety will have a wonderful sale up to a 6-inch pot, being particularly showy for basket work.

2½-in. pots.....\$8 per 100; \$75 per 1000
4 -in. pots.....\$25 per 100

NEPHROLEPIS TODEAOIDES

London Fern. A good, strong grower.

2½-in. pots.....\$5 per 100; \$45 per 1000
4 -in. pots.....\$20 per 100; \$180 per 1000
6 -in. pots.....\$6 and \$9 per doz.
8 -in. pots.....\$12 per doz.
9 -in. and 10-in. tubs..\$24, \$30 and \$36 per doz.

NEPHROLEPIS BOSTONIENSIS

Wm. K. Harris

The finest variety for large plants, being a great improvement over the old Boston.

2½-in. pots.....\$6 per 100; \$50 per 1000
4 -in. pots.....\$20 per 100; \$180 per 1000
6 -in. pots.....\$6 per doz.; \$45 per 100
11 -in. tubs.....\$2, \$2.50, \$3, \$4 and \$5 each

NEPHROLEPIS ROBUSTA

Place orders at once for Nephrolepis Robusta. The Silver Medal Fern at the National Flower Show, winning over all competition. We claim this variety to be the finest of all crested Nephrolepis, being exceptionally fine in large sizes. It is the strongest grower of all the Nephrolepis Ferns, never reverts, and every plant is symmetrical and salable in all sizes.

6 -in. pots, strong plants..\$50 and \$75 per 100
8 -in. pots, strong plants..\$12 and \$15 per doz.
11 -in. tubs.....\$3 and \$3.50 each

NEPHROLEPIS SCOTTII

Our stock is in superb condition.

2½-in. pots.....\$5 per 100; \$45 per 1000
4 -in. pots.....\$20 per 100; \$180 per 1000
6 -in. pots.....\$6 per doz.; \$45 per 100
8 -in. pots, three-quarter pots.....
.....\$12 per doz.; \$90 per 100
11 -in. tubs.....\$2, \$2.50 and \$3 each

NEPH. ELEGANTISSIMA COM-PACTA

A dwarf, compact form of Nephrolepis Elegantissima, each plant making an ideal shape.

2½-in. pots.....\$6 per 100; \$50 per 1000
6 -in. pots.....\$6 per doz.
8 -in. pots.....\$12 per doz.

NEPHROLEPIS SCHOLZEI

This is an ideal crested Fern, holding the same relation to all other crested ferns that Scottii holds to the old Boston.

2½-in. pots.....\$6 per 100; \$50 per 1000
4 -in. pots, heavy.....\$20 per 100; \$180 per 1000
6 -in. pots, heavy.....\$8 per doz.; \$45 per 100
8 -in. pots, three-quarter pots.....
.....\$12 per doz.; \$90 per 100
11 -in. tubs.....\$24 and \$30 per doz.

ROBERT CRAIG COMPANY

4900 Market Street, Philadelphia, Pa.
BRANCH, NORWOOD, PA.

Mention the American Florist when writing

ENORMOUS PROFITS



START GROWING MUSHROOMS
Learn the latest authoritative way to make still bigger profits than you ever thought possible or ever made growing mushrooms. Add \$10 to \$75 a week to your income. Florists make money using space under benches in greenhouses. Use spare time. Mushrooms command high prices, especially now. Start now. Demand bigger than supply. Send for big free book of expert authority. "The Truth About Mushrooms." Bureau of Mushroom Industry, Dept. 292, 1242 N. Clark St., Chicago

the effect that said Climax baskets, baskets, or other containers are correct within the meaning of this act. Said guaranty, to afford protection, shall contain the name and address of the party or parties making the sale of Climax baskets, baskets, or other containers, to such dealer, and in such case said party or parties shall be amenable to the prosecutions, fines,

Miscellaneous Plants.

	2-in.	2-in.	3-in.	3-in.
	100	1000	100	1000
Lantanas.....	\$2.00	\$18 50		
Moonvines, white and blue 2.00	18.50	\$3.00	\$25.00	
Parlor Ivy, S. Scandens.....	2.00	18.50	3.00	25.00
Pompon Chrysanthemums	2.00	18.50		
Salvia, Bonfire and Zurich	2.00	18.50	3.00	25.00
Swainsona, white.....	2.00	18.50	3.00	25.00
Celery, White Plume, \$1.00 per 1000;				
10,000 and over, 85c per 1000. Self-				
Blanching, \$2.50 per 1000.				

Cash with order.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

and other penalties which would attach in due course to the dealer under the provisions of this act."



New Early Flowering Long Season Spencers

EARLY MORNING STAR The color is a deep orange scarlet or flame color in standard with rich orange pink wings.

25 Seeds, 25c; Trade pkt. (¼ oz.), \$1.25; oz., \$4.50 net.

EARLY SONG BIRD This will be the leading pale pink for Florists. The flower is the same color as "Florence Morse Spencer" and a bit lighter than "Elfrida Pearson." It has the same excellent form and features of Mrs. Hugh Dickson but is on white ground.

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EARLY MELODY This is a deeper shade of pink than "Early Song Bird" on white ground, closely resembling "Countess Spencer" and near "Hercules." It might be described as rose pink on white ground.

25 Seeds, 25c; Trade pkt. (¼ oz.), \$1.00; oz., \$3.50 net.

EARLY SPRING MAID The color is light pink on a cream ground and the blossoms for a florist's flower.

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EARLY SNOW FLAKE This is the best Early Flowering White Seeded Spencer. The blossoms are very large and of the best waved Spencer form.

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Blue Jay, Bright blue self color.....\$0 15 \$0 50 \$6 00
Lavender Nora, Most pleasing lavender..... 20 75

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WINTER FLOWERING—Spencer Types

Trade Packets contain one-quarter ounce	Trade Pkt.	Oz.	Lb.
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Mrs. A. A. Skaach, Flowers bright shell pink.....	20	65	8 00
Mrs. J. Manda, Light shell pink, extra long stems.....	20	65	8 00
Mrs. M. Spanolin, Black-seeded white.....	25	75	9 00
Mrs. William Sim, Salmon pink.....	20	65	8 00
Mrs. Woodrow Wilson, Appleblossom pink.....	30	1 00	....
Pink and White, Blanche Ferry Type.....	20	65	....
President Woodrow Wilson, Magenta rose.....	30	1 00	....
Rose Queen, Beautiful rose pink.....	50	2 00	....
Selma Swenson, Clear light soft pink.....	30	1 00	12 00
Venus, Standard white, slightly blushed pink wings	25	75	....
White Orchid, White flowers of good substance..	20	65	....
Yarrowa, The color on opening is rose, changing as the flower develops to a light pink standard, tinted buff, with bluish wings.....	20	65	8 00
Yarrowa Hybrids	20	65	8 00
Winter Flowering Spencers, Mixed.....	20	65	8 00

WINTER FLOWERING—Grandiflora Types

	oz.	¼ lb.	lb.
Canary Bird, Early yellow.....	\$0 10	\$0 25	\$0 80
Christmas Countess } Sky Blue	10	35	1 00
Mrs. C. H. Totty }			
Earliest of All } Pink and White.....	10	30	1 00
Christmas Pink }			
Christmas Meteor, Brilliant Red.....	10	30	1 00
Christmas Prima Donna } Daybreak Pink	10	30	1 00
Mrs. F. J. Dolansky }			
Christmas White } Pure White	10	30	1 00
Mont Blanc }			
Florence Denzer }			
Mrs. Alexander Wallace, Lavender.....	10	35	1 25
Mrs. E. Wild, Bright Rose.....	10	35	1 25
Mrs. W. W. Smalley, } Salmon Pink	10	35	1 25
Mrs. William Sim }			
Snowbird } Black-seeded White	10	35	1 25
Burpee's Earliest White }			
Mrs. Geo. Lewis, Black-seeded white.....	10	35	1 25
Le Marquis, Navy blue.....	10	30	1 00
Winter-Flowering Grandiflora Type, Mixed.....	10	30	1 00

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John Watson, Newark, N. Y., President;
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Forty-second annual convention will be held at Philadelphia, Pa., June, 1917.

VISITED CHICAGO: C. G. Perkins of Jackson & Perkins Co., Newark, N. Y.

ADVICES from Holland under date of August 12 state that the season has been unfavorable for roses, Ampelopsis Veitchii and other similar plants. Some growers who formerly produced these stocks have grown vegetables during the past two years, and notwithstanding the British embargo, it is claimed the prices of many plants of the above class will be higher than last year.

Franklin Davis Nurs. Co. Reorganization.

The Franklin Davis Nursery Co., Baltimore, Md., whose property was sold at public auction August 23, will, it is reported, be reorganized and put on a sound basis, following the ratification of the sale by the United States district court. It is announced that Joseph Davis, president of the defunct concern, will be connected with the reorganized company in an active position.

Cemetery Superintendents.

With more than three hundred delegates and their ladies in attendance, the thirtieth annual convention of the Association of American Cemetery Superintendents at Norfolk, Va., August 22-24, mention of the opening of which was made in our issue of August 26, page 296, proved to be one of the most successful in the history of the organization. The programme was replete with papers and discussions of much interest and profit to those in attendance, and many side trips to various points of interest in the vicinity, and the warm hospitality at all times in evidence, made a deep and lasting impression on the visitors.

At the election of officers which took place August 24, the following were chosen for the ensuing year: R. N. Kesterson, Knoxville, Tenn., president; W. N. Rudd, Chicago, vice-president; W. B. Jones, Pittsburgh, Pa., secretary-treasurer. Bellett Lawton, Jr., Chicago, who had held the last named office for seven terms, refused to permit his name to be presented. Barre, Vt., was selected as the convention city for 1917.

Tent Caterpillar.

In a recent communication from the United States department of agriculture attention is called to the fact that this is the season of the year when the larvæ and small nests of the tent caterpillar are likely to be found upon orchard and other trees. As a method of control, it is suggested that the use of a torch will be found convenient to burn out the nests found in the higher parts of the trees, while those within convenient reach may be torn out with a brush. In all cases the larvæ should be crushed on the ground, care being

taken to destroy all caterpillars remaining on the trees. In using the torch on large limbs care must be taken not to injure the bark; in fact, destroying the nests by hand is recommended. Tent caterpillars are readily destroyed by arsenical sprays applied to the foliage of the trees infested by them, but on stone fruits, such as cherry, peach and plum, arsenicals are likely to cause injury and must be used with extreme care, if at all. On such trees, arsenate of lead is preferable, used in the proportion of two pounds to each 50 gallons of water.

Heather.

It does not seem to be generally understood that the heather of northern Europe (*Calluna vulgaris*) can be successfully grown in this country, although it is now many years since it was discovered that it had become naturalized in Nova Scotia and in Tewksbury and Townsend, Mass. The ends of the branches are sometimes killed here in severe winters, but this is an advantage rather than an injury to the plants, for English gardeners to secure the best results cut back their plants severely after they have finished flowering. In this country the heather should be planted in well-drained, sandy soil, fully exposed to the sun; planted in the shade it usually suffers in cold winters, as in the shade it continues to grow late in the autumn and the wood does not ripen properly. There are a number of handsome and interesting varieties in the arboretum collection. Some of the best of these are the variety alba with white flowers; the variety alba minor, a white-flowered plant of dwarf habit; var. rubra, a dwarf compact variety with crimson flowers, and one of the earliest to flower and one of the handsomest of the set; var. tomentosa, a compact plant with gray-green foliage and red flowers; var. alba Serlei, a tall growing form with white flowers; vars. alba tenella and alba rigida with white flowers; var. Alportii, a tall growing form with crimson flowers, and var. hypnoides, a very compact, small-leaved plant producing only sparingly its small purple flowers. These plants can be seen in the shrub collection, and quantities of heather have been planted on the sides of the Meadow road.—Arnold Arboretum Bulletin, July 19, 1916.

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CHRYSANTHEMUMS.

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Improved Wandsbek Type.

White, white with eye, light red, rose pink, bright red, dark blood red. Equal divided, \$6.00 per 1,000; including Glory of Wandsbek, \$1.00 per 100.

Glory of Wandsbek, dark and light salmon, separate, \$8.00 per 1,000; \$1.25 per 100. Improved Glory of Wandsbek, dark and light. Best salmon, some are nearly double flower, extra large and easy grower, good bloomer, \$10.00 per 1,000, \$1.50 per 100.

Rococco erecta, new mixed color or separate. This variety is new and not to be compared with the old. Easy to grow, good bloomer, fit to grow in quantities, \$12.00 per 1,000, \$2.00 per 100.

ERNEST ROBER, Wilmette, Ill.

1,000 2½-in. Wandsbek cyclamen; good clean stock, \$6 per 100. D. G. GRILLBORTZER, Alexandria, Va.

DAHLIAS.

Dahlias. Best new and standard varieties. Peacock Dahlia Farms, Williamstown Junction, N. J.

DAISIES.

Daisies, A. E. Hunt & Co., 30 E. Randolph, Chicago.

DRACAENAS.

DRACAENA INDIVISA, 5-in., \$35.00 per 100; 4-in., \$15.00 per 100; 3-in., \$6.00 per 100. ERNEST ROBER, Wilmette, Ill.

DRACAENA INDIVISA, 5-in., 35c. Harry Hehl, West Toledo, O.

ERICAS.

Ericas, young stock for growing on, strong and well rooted plants out of 2½ and 2¼-inch pots.

Erica Fragrans Melanthora.....	\$10.00 per 100
" Regerminans	10.00 "
" Cupressina	10.00 "
" Gracilis Autumnalis	10.00 "
" Persoluta Rosea	10.00 "
" Persoluta Alba	10.00 "
" Globularia	10.00 "
" President Carnot	15.00 "
" President Faure	15.00 "
" Ventricosa Rosea	15.00 "

Cash with order, please.

ANTON SCHULTHEIS,

316 19th St., College Point, N. Y.

FERNS.

BOSTON FERNS.

	Per dozen.
4-inch	\$ 1.50
5-inch	3.00
6-inch	6.00
7-inch	9.00
8-inch	12.00
9-inch	15.00

The George Wittbold Co.,

737 Buckingham Place, Chicago.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias, H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns. Over 150,000 plants from 2-in. pots up. For varieties and prices see advertisement elsewhere in this issue. Robert Craig Co., 4900 Market St., Philadelphia, Pa.

Ferns, Boston, 4-in., \$15 per 100; 7-in., \$6 per doz.; 8-in., \$1 each, \$9 per doz. Large plants in 11 and 12-in. pots, \$2.50 and \$5 each. R. Vincent, Jr. & Sons Co., White Marsh, Md.

TABLE FERNS, best varieties, fine stock, 2-in., \$3 per 100; \$25 per 1,000; 3-in., \$5 per 100, \$40 per 1,000. HENRY SMITH, Grand Rapids, Mich.

BOSTON FERNS. Established from 5-inch pots, \$3 per doz.; \$20 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Fine Nephrolepis ferns. For varieties and prices see advertisement elsewhere in this issue. F. R. Pierson Co., Tarrytown, N. Y.

New fancy ferns, special picked. C. A. Kuehn, 1312 Pine St., St. Louis, Mo.

FREESIAS.

Freesias. Purity, California grown, 1st size, \$10 per 1,000; Mammoth, \$12 per 1,000; Rainbow, new and very fine, yellow, orange, lavender and pink, \$5 per 100; \$40 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia, Pa.

Fischer's Purity Freesia, direct from responsible grower. BROWN'S BULB RANCH, Capitola, Calif.

GERANIUMS.

GERANIUMS. Extra strong, 2-in., S. A. Nutt, Ruby (best dark red), Dagata, Ricard, Red Wing, Vland, Landry, La Favorite, Perkins, Oberle and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wythe, Aviator, Rogers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. F. H. DE WITT & CO., Wooster, O.

Geraniums, in good 3-in. stock at \$3 per 100; \$25 per 1,000; 2-in., at \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS. Mixed varieties, fine healthy plants, \$8.00 per 100. M. C. GUNTERBERG, 158 North Wabash Avenue, Chicago.

Geraniums, 100,000 in 2 and 2½-in. pots, in 28 varieties, \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, S. A. Nutt and Buchner, \$10 per 1,000; Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, S. A. Nutt, 2-in., \$1.65 per 100; \$16 per 1,000. Elmer Rawlings, Allegany, N. Y.

GREENS.

Greens. Extra long dagger ferns, \$1.50 per 1,000, \$1.35 per 1,000 in 5,000 lots; new green galax, \$7.50 per case; bronze galax, \$11 per case; sphagnum moss, \$2 per 5-bbl. bales, 6 bales for \$10. The Leo. Niessen Co., Philadelphia, Pa.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. Caldwell, The Woodsman Co., Evergreen, Ala.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

HYDRANGEAS.

HYDRANGEA OTAKSA, 3-in., \$5 per 100. Flowering sizes, pot-grown, 25c to 50c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

JERUSALEM CHERRIES.

Jerusalem Cherries, fine stock from 3-in. pots at 5c. JOHN B. TRIMMER, Hume, Ill.

LANTANAS.

LANTANAS, mixed, 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the valley. Finest in existence. For quotations address Otto Mann, Leipzig, Saxony, Germany.

LOPEZIA.

LOPEZIA RACEMOSA, a very neat Xmas plant covered with thousands of red flowers from Nov. until May. 2-in., 3c; very bushy out of 4-in., 7c. EMIL BAUDISCH, 753 Hamilton ave., No. Bergen, N. J.

MOONVINES.

Moonvines, lemon verbenas, swainsona, parlor ivy, S. scandens, alyssum, coleus, Salvia Bonfire and Zurich, cuphea, 2-in., \$2 per 100; \$13.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PAEONIA ROOTS.

Paeonia roots, must be moved at once. Our \$20,000 stock of these contains the best cut flower sorts for florists. Write for complete list. Vaughan's Seed Store, Chicago.

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Palms. For varieties and prices, see advertisement elsewhere in this issue. S. S. Pennock-Meehan Co., 1608-20 Ludlow St., Philadelphia, Pa.

LATANIA BARBONICA PALMS, 15-in. tubs, suitable for decorative work, \$5 each. Pandanus Veitchii, 15-in. tubs, \$5 each. HENRY SMITH, Grand Rapids, Mich.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th sts., Philadelphia, Pa.

Palms, Joseph Heacock Co., Wyncote, Pa.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. HENRY SMITH, Grand Rapids, Mich.

PEONIES.

PEONIES—\$20,000 worth of best named varieties at our nursery, Western Springs, Ill. Now is planting time. Let us quote you. VAUGHAN'S SEED STORE, Chicago and New York.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

Peppers, Bird's-Eye, bushy plants, 3-in., \$6.00 per 100, \$50.00 per 1,000; 4-in., \$12.00 per 100; \$100.00 per 1,000.

Peppers, Celestial, 3-in., fine plants, \$6.00 per 100, \$50.00 per 1,000; 4-in., \$12.00 per 100, \$100.00 per 1,000.

Jerusalem Cherry, strong 3-in., \$6.00 per 100, \$50.00 per 1,000; 4-in., \$12.00 per 100, \$100.00 per 1,000.

PYFER & OLSEM, Wilmette, Ill.

CELESTIAL PEPPERS, 5-in. pots, extra fine, full of fruit and flowers, 12½c each. Also 3-in. at 5c each. JOHN B. TRIMMER, Hume, Ill.

PRIMROSES.

PRIMROSES, Obconica, Chinensis and Malacoides, 2-in. pots at \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

POINSETTIAS.

POINSETTIAS, fine plants, \$5.00 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIMULAS.

PRIMULA MALACOIDES.		
Extra fine stock.	100	1.00
2-inch	\$3.00	\$27.50
2½-inch	4.00	35.00
3-inch	6.00	50.00

PYFER & OLSEM, Wilmette, Ill.

PRIMULAS.

Obconica, 2-in.	\$3.00
Malacoides, 2-in.	3.00
Malacoides, 3-in.	6.00

ERNEST ROBER, Wilmette, Ill.

Primulas, Grandiflora and Gigantea strain, only the choicest varieties; summer delivery, 2½-in., \$3 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Primulas, Chinese and Forbesi, in 2½-in. pots, \$2 per 100; Malacoides, in 2½-in. pots, \$2.25 per 100. Jos. H. Cunningham, Delaware, O.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

PRIVET.

California Privet, of superior quality, in all sizes from one to four feet. J. T. Lovett, Little Silver, N. J.

RESURRECTION PLANTS.

RESURRECTION PLANTS (Mexican Evergreen) scarce, per 100, \$3.25; per 1,000, \$25.00. Vaughan's Seed Store, 43 Barclay St., New York.

ROSES.**ROSES.**

2,000 White Killarney, 2½-in., grafted, good, big plants.....\$8.00
2,000 Richmond, 2½-in., grafted, good, big plants.....8.00
1,000 Cecile Brunner, 3-in., own root, choice stock.....4.00
1,000 Mrs. Geo. Shawyer, 2½-in., own root. 4.00

BASSETT & WASHBURN,

178 N. Wabash Ave., Chicago.

Roses. Grafted 3½-in. stock: Pink and White Killarney, Brilliant, Milady, Ophelia, Old Gold, Cecile Brunner, Richmond, Scott Key, Elgar, \$140.00 per 1,000. Grafted 2½-in. stock: Pink and White Killarney, Brilliant, Ward, Milady, Old Gold, Richmond, Hoosier Beauty, Scott Key, Elgar, \$100 per 1,000. Own root. 3½-in. stock: Pink and White Killarney, Old Gold, Richmond, Scott Key, Brilliant, Elgar, Ward, Sunburst, \$96.70 per 1,000. Own root. 2½-in. stock: Pink and White Killarney, Scott Key, Sunburst, Richmond, \$56.70 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

FINE 2½-INCH ROSE PLANTS.

100 1,000
Killarney\$4.00 \$35.00
Richmond3.00 25.00
Geo. Elgar (Baby Yellow).....4.00 35.00
White Killarney4.00 35.00

WIETOR BROTHERS,

L. D. Phone, Randolph 2081.
162 N. Wabash Ave., Chicago.

English Roses. Guaranteed two-year-old, low budded on briar, clean, hardy, field-grown stock. Dwarfs and climbers. For varieties and prices see advertisement elsewhere in this issue. Bees, Ltd., 1075 Mill St., Liverpool, Eng.

ROSE PLANTS, Pink and White Killarney. 3-in. pots, own roots, \$6 per 100; \$50 per 1,000. My Maryland, 3-in., at \$5 per 100, \$75 per 1,000. All first-class stock. HENRY SMITH, Grand Rapids, Mich.

ROSES. 300 good, healthy Killarneys, grafted from 4-in. pots, 10c each, to close out. Cash or satisfactory reference. Can use a few Rose Pink Enchantress. W. W. COLES, Kokomo, Ind.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10.00 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seeds, contract growers of pepper; egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds. Spencer Winter-flowering Sweet Peas, Cyclamen. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington, Inc., 128 Chambers St., New York.

Seed. Spencer Winter-flowering Sweet Peas. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds. Cyclamen and Pansy of fine quality. For varieties and prices see advertisement elsewhere in this issue. Henry F. Michell Co., 518 Market St., Philadelphia, Pa.

Seeds, contract growers of cucumber, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

SEEDS.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed. Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, tree, shrub and palm. For nursery and florists. Write for prices. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seed. Cyclamen, Stuart Low's Superb strain, 1916 crop. Price list on application. Stuart Low Co., Bush Hill Park, Enfield, England.

Seeds, specialties: Lettuce, onion, sweet pea, aster, cosmos, mignonette, verbena in variety. Waldo Rohnert, Gilroy, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsley, parsnips, turnips. R. & M. Godineau, Angers, France.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellcott Sts., Baltimore, Md.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Flower, sweet pea and nasturtiums. The L. D. Waller Seed Co., Guadalupe, Calif.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds. Vegetable, flower and forage. Simon Louis Freres & Co., Bruyeres-le-Chatel (Seine et Oise), France.

Seed. Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

Seed. High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds, flower, vegetable and farm. Wholesale only. Kelway's, Langport, England.

Seeds. Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seeds. Flower and garden. Barnard Seed Store, 231-235 W. Madison St., Chicago.

Seed. For the wholesale trade only. Brazilian Seed Growers' Company, San Jose, Calif.

Seeds. All the leading kinds for summer and fall planting. James Vick's Sons, Rochester, N. Y.

Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seed. Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seed. Flower and garden. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds which succeed. Landreth, Bristol, Pa.

SMILAX.

Smilax, strong new stock, 2½-in., \$2.50 per 100; 3-in., \$6 per 100; \$50 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SNAPDRAGONS.

3,000 4-in. fine snapdragons (Keystone). A fine pink, well branched, \$8 per 100. D. G. GRILLBROTZER, Alexandria, Va.

Snapdragons, New Pink, 2½-in. pots, \$6 per 100; \$50 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SPHAGNUM MOSS.

Sphagnum moss, 12 bales for \$10. Poehlmann Bros. Co., Morton Grove, Ill.

STEVIA.

Stevia, 2½-in., \$20 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SWAINSONA.

SWAINSONA, 4-in. pots, fine plants, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

THUNBERGII.

BERBERIS THUNBERGII seedlings. Fine, well rooted, 10 to 12-in., \$1.50 per 100; \$10 per 1,000. We will ship when wanted. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

VEGETABLE PLANTS.

FIELD-GROWN PLANTS, all varieties: Cabbage, \$1.00 per 1,000; \$8.50 per 10,000. Celery, \$2.00 per 1,000. Parsley, \$2.50 per 1,000. F. M. PATTINGTON, Scipioville, N. Y.

Celery, White Plume, \$1 per 1,000, 10,000 and over, 85c per 1,000. Self-Blanching, \$2.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

VINCAS.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

Vinca Variegata, 2-in., \$2 per 100. Elmer Rawlings, Allegany, N. Y.

MISCELLANEOUS.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Plant stands. Made in three sizes to extend to 30, 44 and 66 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Av., Detroit, Mich.

Choice landscape decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., box 404, Dundee, Ill.

Boiler flues, cleaned and trimmed. Stuttle's clamps and elbows to join flues. H. Munson, 1353 N. Clark St., Chicago.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Straford, London, England.

Japanese tea garden and rockery for your summer house made in a short time. T. R. Otsuka, 300 S. Michigan Ave., Chicago.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 609 Exchange Ave., Room 5, Chicago, Ill.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Vaughan's perfection points. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Nursery stock of all descriptions. Catalogues and price lists free on application. The Storrs & Harrison Co., Painesville, O.

Florists' Greening Pins. Box of 10 lbs., \$1.50; 5 boxes, \$7.00. Geo. M. Angermueller, 1324 Pine St., St. Louis, Mo.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Catalogues. Large runs our specialty. Write for prices. Regan Printing House, 527 Plymouth Place, Chicago.

Baskets of every description. Write for catalogue. Raelien Basket Co., 713 Milwaukee Ave., Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

MISCELLANEOUS.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Greenhouse glass. Write for prices. Okmulgee Window Glass Co., Okmulgee, Okla.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Boilers of high grade for greenhouses. Write for catalogues. Giblin & Co., Utica, N. Y.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Blooming plants or anything in soft wooded plants. Geo. A. Kuhl, Pekin, Ill.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Hail storm insurance. John G. Esler, Saddle River, N. J.

Glass, large stock and good prices. Sharp, Partridge & Co., Chicago.

Wired toothpicks, 10,000, \$1.85; 50,000, \$3.00. W. J. Cowee, Berlin, N. Y.

Greenhouse boilers. Kroeschell Bros Co., 452 W. Erie St., Chicago.

Emergency pipe clamps. M. B. Skinner & Co., 560 W. Washington St., Chicago.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

GREENHOUSE INSURANCE.

Cyclone and hail insurance; also insurance on growing crops while in the fields. The American Mutual Cyclone and Hail Insurance Co., Muncie, Ind.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Pecky Cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Special sash offer of high grade hot bed sash. For offer and prices, see advertisement elsewhere in this issue. Lord & Burnham Co., New York.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

INSECTICIDES.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York. Cincinnati St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Alpine, \$1 per qt.; \$2.50 per gal. Fungine 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaling, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nikoteen, for spring spraying: Aphis Punk, for fumigating. Nicotine Mfg. Co., St. Louis.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset flower, vegetable waterproof paper pots. Vaughan's Seed Store, Chicago and New York.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kohr, 2934-36 N. Leavitt St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c for 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

STAKES.

Cane Stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000. Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Rose stakes, extra stiff, No. 9 galvanized wire, 4½-ft., \$13.05 per 1,000; carnation supports, \$18 per 1,000. The Carnation Support Co., Connersville, Ind.

WIRE WORK.

Florists' wire designs and fancy wire lamp shades. NORTHWESTERN WIRE WORKS, 223 13th Ave., N. E., Minneapolis, Minn.



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This Fine
Budding Knife

For 2 New
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American Florist Co.
440 S. Dearborn St., CHICAGO

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Amling Co., E. C., Chicago.
Angermueller, Geo. H., St. Louis, Mo.
Badgley & Bishop, Inc., New York.
Bassett & Washburn, Chicago.
Berger Bros., Philadelphia, Pa.
Berning, H. G., St. Louis, Mo.
Budlong, J. A., Chicago.
Chicago Flower Growers' Ass'n., Chicago.
Coan, J. J., New York.
Coyle, James, New York.
Crawback Co., George W., New York.
Erne & Klingel, Chicago.
Ford, M. C., New York.
Ford, William P., New York.
Froment, H. E., New York.
Goldstein & Futterman, N. Y.
Gunterberg, M. C., Chicago.
Guttman & Raynor, Inc., New York.
Hart, George B., Rochester, N. Y.
Hentz & Nash, Inc., New York.
Hoerber Bros., Chicago.
Holton & Hunkel Co., Milwaukee, Wis.
House of Ferns, New York.
Kasting Co., Wm. F., Buffalo, N. Y.
Kennicott Bros. Co., Chicago.
Kervan Co., The, New York.
Kessler, Wm. A., New York.
Kruchten, John, Chicago.
Kuehn, C. A., St. Louis, Mo.
Kuhl, Geo. A., Pekin, Ill.
Kusik & Co., H., Kansas City, Mo.
Kyle & Foerster, Chicago.
McCallum Co., Pittsburgh, Pa.
Meconi, Paul, New York.
Miller & Musser, Chicago.
Montreal Floral Exchange, Ltd., Montreal, P. Q.
Miller, Stuart, Philadelphia, Pa.
Murata & Co., S., Los Angeles, Calif.
N. Y. Cut Flower Exchange, New York.
Niessen Co., The Leo, Philadelphia, Pa.
Percy Jones, Inc., Chicago.
Philadelphia Wholesale Florists' Exchange.
Pierson, A. N., Inc., Cromwell, Conn.
Pittsburgh Cut Flower Co., Pittsburgh, Pa.
Poehlmann Bros. Co., Chicago.
Pollworth Co., C. C., Milwaukee, Wis.
Polykranas, Geo. J., New York.
Pyfer & Co., A. T., Chicago.
Randall Co., A. L., Chicago.
Reid, Edward, Philadelphia, Pa.
Reinberg, Geo., Chicago.
Reinberg, Peter, Chicago.
Rice Bros., Minneapolis, Minn.
Riedel & Meyer, Inc., New York.
Rusch & Co., Gust, Milwaukee, Wis.
Sheridan, W. F., New York.
Siebrecht, Geo. C., New York.
Thompson Carnation Co., J. D., Joliet, Ill.
Tonner, O. A. & L. A., Chicago.
Totty, Chas. H., Madison, N. J.
Traendly & Schenck, New York.
United Cut Flower Co., New York.
Vaughan, A. L. & Co., Chicago.
Weiland & Risch, Chicago.
Weiss, Herman, New York.
Welch Bros. Co., Boston, Mass.
Welch, Patrick, Boston, Mass.
Wietor Bros., Chicago.
Wittbold, Geo., Co., Chicago.
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DES PLAINES, ILLINOIS
 LOUIS WITTBOLD, President.

Los Angeles.

TRADE CONTINUES SATISFACTORY.

Business conditions are about as reported a week ago. All flowers are looking well and some very good carnations are now coming in, while roses are arriving from the ranges. Cecile Brunner is quite plentiful and Mrs. Aaron Ward is fine. There are not many orchids to be seen and green is none too plentiful. The weather is ideal.

NOTES.

The Redondo Floral Co. is showing some of the first chrysanthemums of the season and these used in conjunction with the Golden West dahlia made a window of fine color. Some of the force are away on vacations, but early in September all hands will be back prepared for a big season.

The Germain Seed & Plant Co. has been making a showing of about 500 varieties of dahlias in flower from which customers may order bulbs for next season's planting. The display as a whole was fine and many of the individual flowers were superb.

Funeral work has been a factor during the week at the establishment of the Broadway Florists. They have also had quite a call for bouquets.

The next meeting of the Los Angeles County Horticultural Society will be held at the Chamber of Commerce, Wednesday, September 6.

S. Murata & Co. continue to make numerous long distance shipments of their carnations and asters. The stock is of very good quality.

Seki Bros. & Co. have completed improvements at their establishment and have a much more commodious sales-room.

The new roses from their own range are features at Wright's Flower Shop, Inc. The force here is busy as usual.

J. W. Wolters reports a steadily increasing business during the past few weeks. Good stock is always seen here.

Wolfskill Bros. & Morris Goldenson are showing some really fine gloxinias. Trade continues good for the season.

Theodore Payne is busy with landscape work where native plants and shrubs are used.

The force at O. C. Saakes continues busy. The roses here are looking fine.
 G. H. H.

INDIANAPOLIS, IND.—Richard Kutz, formerly connected with the trade at Cincinnati, O., will open a flower shop in the downtown district in the near future.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

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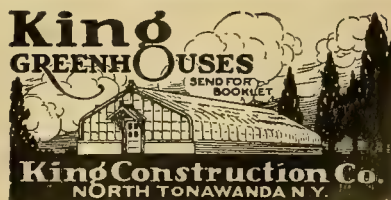
GREENHOUSE GLASS

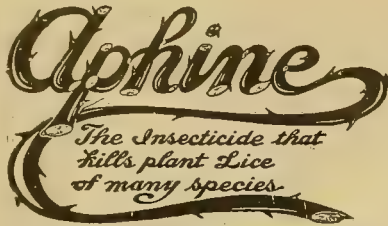
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Okmulgee Window Glass Co., Okmulgee, Okla.

DENVER, COLO.—John Lee Russell, well known to the trade in this city in former years, has filed a petition in bankruptcy.

GONZALES, TEX.—Gilbert Stuart, formerly connected with the park department at Houston, has been appointed superintendent of the Gonzales state park.





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A spray remedy for green, black, white fly, thrips and soft scale.

Quart, \$1.00. Gallon, \$2.50.

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A 12% nicotine solution properly diluted for fumigating or vaporizing.

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A special parcel delivery express service, or what is known in express circles as expedited parcel service, has, it is said, been discussed at the offices of various express companies, but for numerous reasons never got beyond that point. The main reason advanced is that there is not sufficient demand for it, and there is a tendency to wait and see how the recent extension of special delivery to the parcel post service of the post office works out. As an employee of one company said, when the expedited service was suggested:

"We have never had much demand for this class of business, though it might conceivably grow to large dimensions. But much of it would necessarily be local, and we do not want local business. Express companies always lose money on local business."

American Production of Potash.

A review of the potash industry in the United States during 1915 by the United States geological survey reports that during the year potash salts to the value of \$342,000 were produced. The imports of refined potash salts in 1915 were 76,141 long tons or a little more than 35 per cent of those in 1913, the latest normal year of importation. Taking all in all, the imports of 1915 were about one-tenth of those under normal conditions. Experimental work in the production of potash salts from different sources in the United States was active during the year.

Who Buys 'Em?

"Why do you specialize on rutabagas?"

"Well, nobody wants to steal 'em. There's no temptation to eat 'em yourself. Nothing hurts 'em. It's a sure crop."—Louisville Courier-Journal.

OTTUMWA, IA.—C. Kranz, well-known florist of this city, is on a vacation trip.



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No.	Diam.	Ea.	Doz.	100
10	20 in.	\$1.60	\$17.50	\$145.00
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30	16 in.	1.10	12.25	100.00
40	14 in.	.70	7.75	60.00
50	12 in.	.50	5.50	45.00
60	10 in.	.40	4.40	35.00
70	8 in.	.30	3.50	28.00

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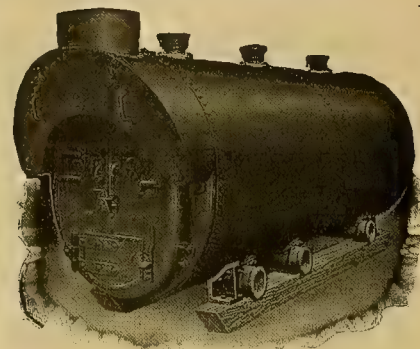
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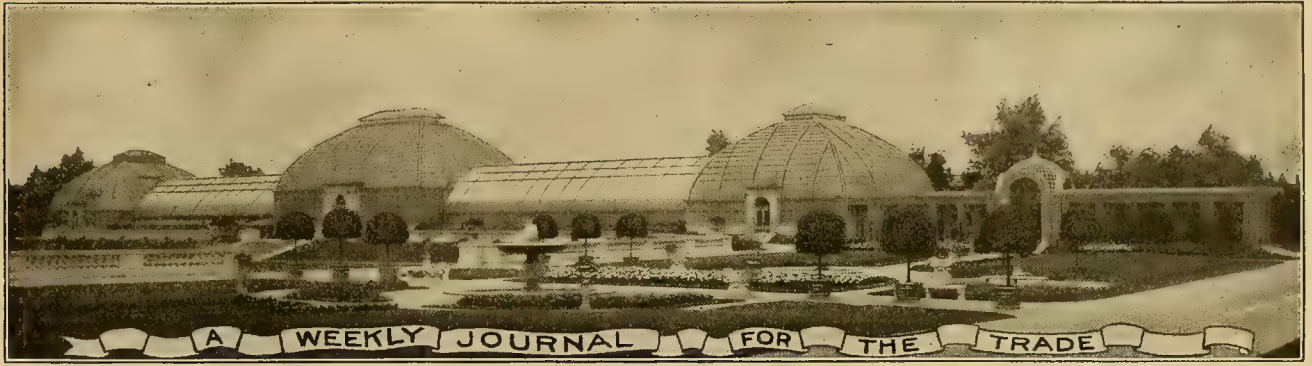
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THE AMERICAN FLORIST



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Vol. XLVII.

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LANDSCAPE GARDENING.

Address Before Illinois State Florists' Association by Frederick N. Evans,
Instructor in Landscape Design, University of Illinois, Urbana.

The Term Defined.

The twofold ability to tell a group of men such as yourselves just what you want to know concerning landscape gardening, and to put it before you in the right way, is an accomplishment which I am backward in undertaking. I shall try, however, to do two things quite simply—to tell you in the first place what the landscape gardening department is aiming to do at the University of Illinois; in that way, define what landscape gardening is; and in the second place, to mention if I can, a few points at which the landscape architect and the professional florist touch shoulders.

We are endeavoring to fit young men and young women for work in a profession in which it has been found that a young man or a young woman cannot accomplish the best things—at least is not apt to produce the best results without special, diligent and pretty strenuous training. Now it does not matter whether this training is obtained inside or outside of academic walls, but it does matter how long it takes to get such training. There should be no difference between what is called theoretical and practical training. Theoretical training is merely a boiling down of other men's experience into an allopathic dose. It should be distinguished from practical training only in aiming to be a short cut through the field of experience.

The lay mind finds it hard sometimes to understand just what is implied by the term "landscape gardening." No doubt the professional florist's mind is clearer on the subject, since the two professions are somewhat related. But even so, a word of explanation may well be given in endeavoring to tell you what the landscape gardening department is doing for the aspirants at the threshold of the muse. We hear various different terms applied to the workers in landscape gardening. That the work as a

profession is new is in part accountable for the variety—that it has various distinct branches within itself is another reason. For instance, we hear of landscape gardener, landscape architect, landscape engineer, garden architect, and so forth. These terms today are for general purposes synonymous, though they vary occasionally in their specific application. We shall use the term "landscape gardener" as covering them all, at this time.

Landscape gardening has often been defined as an art of arranging a part of the earth's surface to fit the needs of beauty and convenience. In this art the principle of convenience or use is to be considered even prior to that of beauty, but both go hand in hand. The landscape gardener works mainly with three elements—(1) with ground forms, that is, with hill, plain or valley; (2) with artificial or architectural forms, such as buildings, steps, bridges, and so forth, and (3) with vegetation in all its varied forms of tree, shrub and flower. In the management of or in planning, what disposition shall be made of ground forms in any problem in hand, the landscape gardener has need for some knowledge of engineering principles. In planning the shape and placing of these features, which are to be constructed of various building materials, shown on his plan, it will be seen that a knowledge of architectural principles is equally essential, and further, in considering the choice and arrangement of the many forms of vegetation which go to make up the completed landscape picture, the landscape gardener must be drilled along lines of horticulture. Thus the landscape gardener is a connecting link, uniting part of three sciences.

The students in the department at the University of Illinois have enough to do, as will be seen. They are, as a body, very much in earnest. It is interesting to note that the department of landscape gardening at the University of Illinois is the largest in the country, numbering at present 62

students, gathered from as far east as Massachusetts and as far west as California.

A comparison of our profession, floriculture and landscape gardening, would show, as far as numbers are concerned, I am sure, a large balance in favor of the florists. In this country, we are both a rather young profession. It is true that men have gardened since the time of Adam, but it is only since about 1825 that there has been a popular demand in this country for the product of our art resulting in a class of men trained to meet this demand. Both professions have grown in prestige in the last few decades.

The interrelation of the two professions is vast and the chances for co-operation between us are not to be overlooked. This is an age when to make the most of his trade each man had best tend to his own business. He must be more or less of a specialist. He cannot afford to be a quack. Each profession must occasionally borrow the brains of another. Now and again it will be very profitable for us both to do so. There are times when the florist should find it necessary to call on the landscape gardener for advice in design and there are times when the landscape gardener's productions are almost entirely dependent on the art of the florist to set them off. Let me state a specific instance illustrating each of these points and I shall close. An annual florists' exhibition has been given in Rochester, N. Y., for a number of years in the Auditorium. Because of the lack of co-operation among the exhibitors in arranging their display, the exhibition gradually seemed to be losing in popularity year by year. Something had to be done. A scheme was necessary to pull the thing together. This was the solution. A landscape gardener was put in charge of the arrangement of the whole exhibit. Thanks to the clever designers in his office, a scheme was devised which united both beauty and common sense in display. Attractive garden features were introduced, hedges of arbovitae, a pool in which the beauty of the exhibits were mirrored in the water. It was something original. It was beautiful beyond custom. The whole city flocked to the flower show, and continues to do so, now, year after year. There is the double gain in advertizing and substantial gate receipts. Here the landscape gardener was able to aid the florist.

An instance illustrating but one of the many ways in which the florist's aid may be called in to help the product of the landscape gardener was seen at San Francisco during the Panama-Pacific exposition. These flowers were an extremely important feature. At the Seattle Exposition several years ago, more than anywhere else that has come to my notice was an incident of the value of the floral decoration as an asset of landscape gardening. There in the central parterre below the central fountain were decorative beds of brilliant flowers, as much a part of the general design as any architectural features surrounding them. In the center lay a bed of mesembrianthemums—the midday flower—a simple device, and its wonderful color was, as it seemed, the cynosure of all eyes, the center of the whole scheme. The public, like myself, remember, no

doubt, the beauty of that bed long after the beauty of the rest of the design has faded. And so, in the city itself, by flower boxes, by gardens and floral decoration also of other character, much more may be done to help conditions on every hand. There is indeed a large field of co-operation between the art of the grower of flowers and that of the planner of a small part of the earth's surface—a chance which we will all do well to keep in mind, as it offers opportunities for profit to both of our professions, both materially and ideally.

"The Elms," Newport, R. I.

"The Elms," one of Newport's handsome and well kept estates, is a place the writer had a cherished longing to see, and when asked by the head gardener, Bruce Butterson, when passing, if I had time to look in, I did there and then find time. Edward J. Berwind is the owner, and a look about the place will convince one that he has a princely way of doing things, and the following is but a meager description of things to be seen:

On the main terrace, at the house, stand several groups of statuary that have a worldwide reputation, and about these are arranged single specimens and beds of boxwood that conform in a formal way to set off the statuary. The terrace is extensive, and when the whole is viewed from the lower lawn, has a grand and harmonious effect.

At the servants' entrance a round enclosure is made of beech trees, trimmed trees in a variety. These are with arches in the shape of a summer-house roof, which is covered with wistaria, now a beautiful sight in full bloom. This arrangement is ornamental and makes a complete screen.

At the front of the house the grounds are ornamented with stately trimmed low. This enclosure is topped in wide contrast with all other trees about the place, which have been left about as nature grew them. "The Elms" is surrounded by a high wall, except on the front, and lined with large trees, which are banked under-

neath with native rhododendrons that are grouped to irregular lines.

A view of the main lawn from the terrace shows large, shapely trees in the distance, in groups and single, that have large limbs and graceful branches which seem to give a naturalness to a well done formal effect. The sunken garden on the lower lawn is the product of the gardener being told to do something after he had made an extensive trip to see what the other fellows' sunken gardens looked like, which resulted in the garden being laid out in shapely beds, edged with low boxwood and all filled with red flowering begonias and in the center a large, low vase filled with blue hydrangeas. Two vases of the same also stand at the foot of the marble stairway leading to the garden, which completes the decoration. Standing on the terrace, by the marble balustrade that overlooks the garden, the effect is rich and of solidity.

Two marble fountains adorned with bronze figures and ornaments said to be over 200 years old are located at either end of two long rows of nicely shaped twelve foot arbor vitae that line a wide grass walk that leads to two small marble Pavilions and the sunken garden. The rows of arbor vitae seem to have a soft and pleasing effect midst the marble.

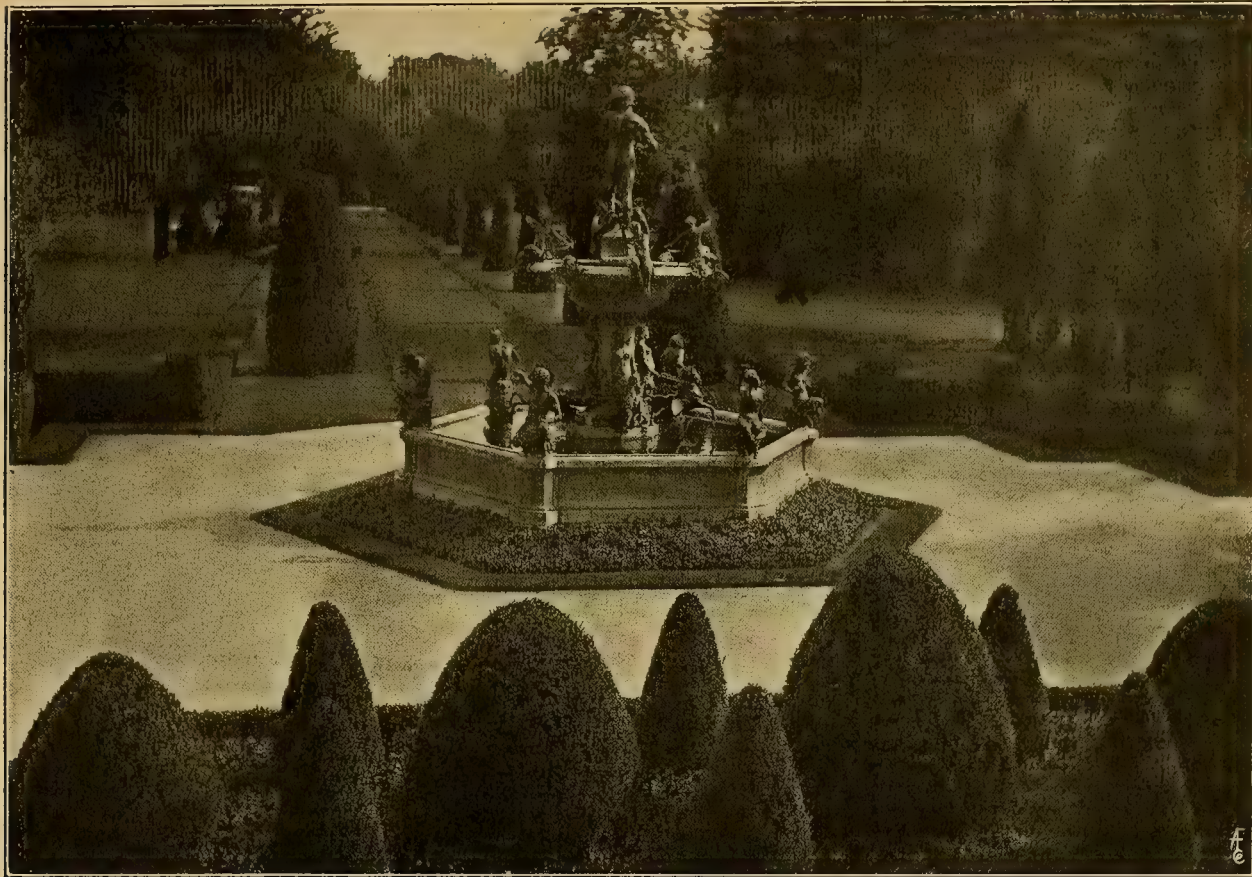
When it is known that this place has been torn up and replanted from end to end several times under the direction of the best landscape architects without regard of expense the results cannot be otherwise than princely. J. J. B.

A Garden In Finland.

Mrs. M. L. Vlachos, who with her husband, conducts the retail store known as the "Astoria Florist," 2188 Broadway, New York, is a native of Finland. She was there on a visit to her mother when the war broke out. She had promised the writer to bring back with her a collection of photographs, but the hostilities upset most of her plans. As the accompanying photograph is of her mother's garden it probably got through as being of no military importance. The large



A GARDEN IN FINLAND.



"THE ELMS," EDWARD J. BERWIND'S ESTATE, NEWPORT, R. I.

Rows of Arbor Vitae Leading to Marble Pavilion and Sunken Garden.

bush on the left is red lilac, that variety flowering beautifully in that climate. The tall plants in the central background are daisies. The line of low bushes bordering the garden are oleanders. The bed is made up of forget-me-nots and other small plants.

A. F. F.

Cleveland's Open Air Show.

The florist trade of Cleveland, O., and vicinity staged their first open air fall flower show, Septemehr 2-9, in conjunction with the Industrial exposition and fair, conducted by the Chamber of Commerce at Edgewater park. In a large tent, decorated with flags and bunting, with the cries of the "ballyhos" and fakirs on all sides, and the music of the open air hippodrome playing continuously outside of the entrance to the flower tent, the florists of that city again distinguished themselves with displays of basket arrangements, table decorations, groups of foliage plants, as well as cut flowers, aquatics and gold fish.

As one entered the tent from the north entrance, immediate to the right was the concrete garden furniture exhibit of the A. C. Barber Concrete Co., of Barberton, O., consisting of flower boxes, vases and urns, chairs and benches. Next came the Cleveland Garden & Soil Supply Co., with an exhibit of soils and fertilizers. And then, the beautiful exhibition of the floral industries of Cleveland, which it can be said attracted as much interest as anything in the entire fair. This was arranged in the form of a large garden with a pond and bridge, roadway and house, most skillfully done

and elaborate in detail. Here, also, Miss Ruth Mercer distributed posters giving on one side statistics as to the number of plants and cut blooms used by the flower lovers of the city every year, while on the reverse side were the names of 65 florists who contributed funds to this exhibition and aided in making it the splendid success it proved to be. Next came the exhibit of Stumpp & Walter Co., New York, featuring seeds and bulbs. The Childrens' Flower Mission, A. H. Austin & Co., Wayland, O., and Coleman & Son Co., Lexington, O., staged gladioli. The Cleveland Bird Lovers' Association showed many unique designs in bird houses, the Matthews Mfg. Co. displayed garden furniture of wood, trellises, benches, sundials, etc., and the Eagle Wire Works, Cleveland, made a fine display of wire designs. Among other exhibitors were the Fischer-Jirouch Co., Cleveland, garden furniture of stone; A. S. Buskirk, Independence, O., 50 varieties of aquatic plants arranged in two ponds with a display of goldfish which he handles quite extensively.

The table decorations were very well done, the arrangements being changed daily, a certain flower being designated for each day, among them being gladioli, asters and dahlias, while on Friday the use of any flower was permissible. Decorated baskets came under the same ruling. The following had tables and baskets entered in these classes, which were non-competitive: The Jones-Russell Co., the J. M. Gasser Co., Chris B. Wilhelmy, Timothy Smith, G. W. Mercer and Knoble Bros.

A special prize of \$5 was awarded to Rheinhold Hoffman for exhibiting

a well grown lemon tree; also a prize for the same tree by Jas. W. Corrigan, Nag-ir-roc Gardens, Wickliffe, O. An Abyssinian banana plant, exhibited by John Scheepers & Co., Inc., New York, attracted much attention.

It was estimated that about 250,000 persons attended the exposition and nearly all who entered the grounds visited the flower show. The extremely dry weather interfered to quite an extent with the display of plants and flowers, which otherwise would have been more complete, but the show was nevertheless a great success.

The following were among the prize-winners in the competitive classes:

Hanging basket, 16-inch, one or more varieties of ferns allowed—Jas. W. Corrigan estate (E. A. Bause, Supt.), 1st; H. P. Eells, Overlook road, 2nd.

Hanging basket, 16-inch, flowering begonias—Jas. W. Corrigan, 1st; H. P. Eells, 2nd.

Hamper of foliage and flowering plants arranged for effect—Jas. W. Corrigan, 1st; H. P. Eells, 2nd.

Gladioli, 12 spikes, red—Jas. W. Corrigan.

Gladioli, 12 spikes, yellow—Jas W. Corrigan.

Gladioli, six varieties, 12 spikes of each—Jas. W. Corrigan.

Asters, white, dark pink, flesh pink, lavender and purple, 25 flowers of each—Mrs. J. N. Weth, Bay Village, O., winner in all classes.

Hardy phloxes—Woodside Farms (S. P. Blackman, Supt.).

Collection of garden flowers—Woodside Farms, 1st; Jas. W. Corrigan, 2nd.

Group of stove and greenhouse plants to occupy space 10x15 feet—

Jas. W. Corrigan, 1st; Woodside Farms, 2nd.

Specimen palm, any variety—Woodside Farms.

Six specimen crotons, in variety—Woodside Farms.

Six dracaena, in variety—Woodside Farms, 2nd.

Pandanus Veitchii—Woodside Farms, 1st; James W. Corrigan, 2nd.

Display of 100 spikes of delphiniums arranged for effect—Jas. W. Corrigan. C. F. B.

Rochester Flower Show.

The floral display in connection with the Rochester exposition, which was held September 4-9, was a most pleasing feature of the show. Upon entering the hall the visitors were impressed with the picturesqueness of the arrangement. In the center a fountain was banked high with ferns, the base being draped with purple velour, while at one side a realistic waterfall emptied into a valley of rocks, mosses and grasses, the effectiveness being further enhanced with fallen logs and moss covered rocks. Arbor vitae and cedar trees filled in at intervals and made a charming background, while beds of asters in full bloom added color to the scene. George Cramer was the artist who executed this clever arrangement.

A magnificent peristyle surmounted the lily pond which was also arranged near the center of the hall and the display here was also most excellent and included aquatics of many varieties, caladiums and boxes of arbor vitae.

Directly opposite was the splendid exhibit of James Vick's Sons, consisting of a wonderful showing of gladioli, asters, salpiglossis, phloxes, coreopsis, cosmos, delphiniums, zinnias, and a number of other varieties together with a fine collection of Boston ferns. The display of the park department also attracted much attention, the ornamental plants showing excellent form and the groups of begonias, hydrangeas and Japanese lilies were also well worthy of mention.

George B. Hart's display, a huge skeleton umbrella, covered with asparagus and arranged with orchids, was very pleasing. In the collection were epidendrums from Jamaica, oncidiums, odontoglossums, cypripediums, hybrid cattleyas and others. H. E. Wilson made an excellent display of boxwoods, baytrees, pot chrysanthemums and cut flowers in baskets. His prize veranda boxes were also a feature. George Boucher had a fine collection of palms, ferns and cut roses.

On the horse show grounds arbor vitae were planted to form a background for the equestrians and the high jump was lined with hedges of Vick's asters, as was also the water jump, at the far side of which were placed 600 tubs of hydrangeas in full bloom, while groupings of evergreens were placed at intervals.

In the competition for plants and flowers in the professional class, H. E. Wilson received seven first and two second prizes, George Boucher being well to the front with a number of firsts and C. W. Curtis took seven blue ribbons for gladioli and asters. The displays in the amateur section were also very good, consisting largely of annuals and perennials. All were well staged.

CHESTER.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

The Early Fall Wedding.

The earliest of the autumn social functions is the wedding; this important event to the parties concerned has been looked forward to for months, and all the details, not the least of which are the floral decorations, have been considered again and again. How best to arrange this display for the amount of money to be expended, is, however, finally up to the florist, whose business it is to know, and who should be prepared as soon as the ground has been looked over, to outline the work and picture a decorative scheme so beautiful that it will be accepted even if it does cost a little more than was at first thought sufficient.

Always, if possible, include in any such decorative work the flowers of the season. Dahlias and autumn leaves are now to be had in quantity and very beautiful effects can be made with color combinations of beautiful foliage and the brilliant pink, red, orange, yellow, and white of the dahlias.

An alcove or bower at one end of the parlor, backed with palms and canopied with autumn leaves, enlivened with all white, or pink and white dahlias, can be made very effective. There are innumerable ways of arranging the canopy support. A heavy bent wire or light iron rod, attached to the window frames, its curve extending out into the room as far as desired, and supported from a mirror hook generally found in the wall between the windows, by light wires, close enough together so that the autumn boughs can be interwoven, is better than a regular made canopy form, which is very heavy and awkward to carry about.

Over door and arch ways, autumn sprays with clusters of dahlias are very showy and decorative; in fact, the whole woodwork is at times concealed where the display is elaborate. Over the mirror and back of all picture frames such a touch of grace and

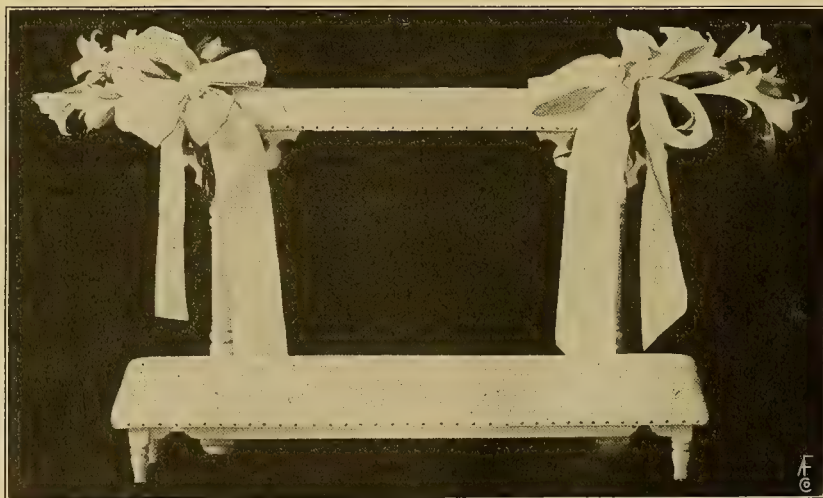
color as these boughs, afford is generally much admired.

The newel post and bannister railing of the stairway in the hall affords one of the most conspicuous places for such treatment and is always sure to get its word of praise from the guests. All ends of branches should be carefully tied in, so there are no projections to catch the clothing. In connection with the leaves all one color of flowers is best in the hall, with a generous showing on the newel post.

The dining room can be decorated in much the same way. To relieve and loosen up the solid effect of all dahlias, the hardy fall asters, with their profuse white, lavender and blue blossoms, will be found very useful as will sprays of Clematis paniculata. Colored heads of the hydrangeas can also be placed in the larger clusters over the corners of doorways and in fireplaces. To confine the decorations of a room to one color makes a noticeable and pleasing variation, selecting flowers that will give the best effects with the color scheme of the various apartments. Flowers other than dahlias can of course be introduced when it is found advisable.

Some floor vases of roses may be placed about the alcove where the bridal party will receive. If this is also the place of the ceremony, a well-decorated kneeling stool is necessary behind which the clergyman awaits the coming of the bride and groom. The bouffe dining table should contain a vase of long stemmed roses, preferably American Beauties, or long stemmed, selected dahlias will also be found very effective. All chandeliers should have a touch of green and color in keeping with the other decorations. The arrangement never looks finished without this attention.

When the ceremony is to be performed at the church, very brilliant effects can be made with a liberal use of the outside fall flowers and foliage. The inevitable banking of palms and ferns, arranged according to the architecture of the building, makes a setting for the flowers. Every florist who attempts more or less elaborate church decorations should have two



WEDDING FLOWERS.

Prie-Dieu by J. H. Small & Sons, Washington, D. C. and New York.



"THE ELMS," EDWARD J. BERWIND'S ESTATE, NEWPORT, R. I.

Terrace Fronting Main Lawn.

or three pairs of large wicker urns or vases which could be placed on the floor of the platform or heavy pedestals to the height required. These large receptacles, when filled with long stemmed flowers of any kind, at this time preferably hydrangeas, canna spikes, dahlias, etc., with long sprays of Clematis paniculata, will give a stunning effect. A round plateau or basket mossed high in the center of which is a fibre jar with water and filled loosely, all flowers facing the front, can be placed on these vases and produce probably a better showing than if all stems were placed directly in the water. An almost indispensable feature of church decorations is the cibotium; the splendid spreading fronds of these are most beautiful and wonderfully effective in almost any kind of large decorative work, and with care will last almost as long as the more sturdy looking palms.

One or two good sized zinc lined, pot covers, mossed and filled with flowers and foliage, will decorate a window ledge and this treatment in all the windows of the church adds much to the general appearance. The pew ends should each have a cluster of autumn leaves and dahlias tied with a ribbon, or at least those that are set apart for the immediate families of the bride and groom. Raised standards at equal distances along the aisle are sure to attract attention where the decorations are elaborate.

The white floor cloth, covering the main isle, which is rolled into place from the front to the rear of the church just before the bridal proces-

sion, and the ribbons from the reserved pews to the end of the aisle, stretched at the same time, after all the guests have been assembled, are not to be forgotten. These extras do not add much to the expense and are now a feature of nearly all church weddings.

K.

Shipping and Delivery Labels.

The florist with a shipping and delivery trade is very liable to run out of address labels when business becomes brisk at any special season, and it is well to look into the stock now and order a new supply to cover the busy season close at hand. When there is occasion to use shipping labels they are needed in a hurry, and there is no time to print them. For the purpose of florists, wholesale and retail, there is no more serviceable article than the Red Rose Leaf label adopted by the S. A. F., with the legend "Fresh Flowers" in large white lettering. This is a very attractive label and the size commonly used is $6\frac{1}{2} \times 4\frac{1}{2}$ inches. All special sizes can be made according to order. The American Florist Co., 440 South Dearborn street, Chicago, supplies the above size printed in two colors, red and black, on good gummed paper, your business card and the leaf, at \$4.50 per thousand, 500 for \$2.85. This label is known to express and railroad men all over the country and they fully understand the perishable nature of packages bearing this label and deliver them quickly to avoid the costly risk of losses caused by delay.

Department Stores vs. Retail Flower Shops

A paper by Allie Zech, Chicago, read at a meeting of the Chicago Florists' Club, September 7, 1916.

At a previous meeting of this organization, I promised I would at this time read a paper upon the subject of whether sales of flowers in the department stores, sometimes at what seem to be ridiculously low prices, were detrimental or beneficial to the trade, a topic which has already been much discussed, with considerable variance of opinion.

It has been contended by some, that the flower section in the department store will induce the sale of flowers to a certain class, who at first are not patrons of the retail florist, but who eventually become accustomed to having flowers in their homes and are afterward regular purchasers in the flower shops. On the other hand the opinion exists that the trade in general is hurt to an extent by department store sales, the public being given the impression that flowers have no value, and that the retail florists are "hold up" men, this idea being created when the department stores advertise "fresh cut flowers" at a price that is below the cost of producing the stock; for example, carnations at eight cents per bunch of 25 or roses at six cents per dozen. The general public as a rule does not know a good flower from a poor one—a flower is a flower to a certain class of purchasers—and they should be educated to distinguish quality in our line as they do in others.

When a department store advertises roses at 12 cents per dozen the day

before Mothers' day, when the price in the market is \$2 and \$3 per 100 for the shortest stock, and when on another occasion another one of these establishments devoted large newspaper advertising space to the announcement of a sale of lilies at 19 cents per pot, adding that they were going to "protect the public" and "not overcharge for flowers," do you not think the flower business is going to be unfavorably affected. The retailer cannot compete with these prices and the effect in the wholesale houses is noticeable immediately. As soon as the department stores announce a sale of flowers, retailers stop buying at once, giving as the reason, the fact that much of the stock would have to be thrown out, inasmuch as people are drawn to the department stores who are selling flowers as an advertisement and not for a livelihood, making no profit on them, and using them as a "leader" to get customers into their stores, the purchases in other lines offsetting any loss.

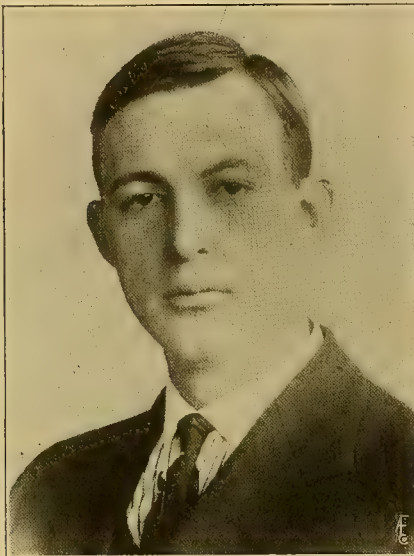
In my opinion, all three branches of the cut flower business are to blame for these conditions. For example, the wholesaler may be overloaded with stock when the buyer for the department store appears and the surplus is turned over to him "for a song." Would it not be far better if this surplus were thrown in the barrel and the balance sold for a fair price? In the end, the wholesaler would sell probably one-third of his supply and get as much, if not more, than by sacrificing it to the department stores. In the second place the grower is at fault. When the market is glutted, he should sort his cut, sending only the best to the market rather than shipping in every flower, good or bad. In this way, with only the best stock on hand, the market would remain firm, but many growers seem to hold to the idea of seeing how many blooms they can cut during the season, not paying so much attention to the quality of their shipments. If the grower would assist in this way at the time of a glut, it would help to eliminate department store sales.

And now let us turn our attention to the retailer who could do his share to cut out the department stores by buying more flowers during a glutted market. As a rule he buys merely enough stock to fill orders; he does not carry much stock in his store, but waits for his orders, and then goes to market and secures enough to meet his requirements. If, when the market is overstocked, every retailer would buy a good supply and conduct a sale of his own, rather than let the department stores have the advantage, he could not only sell more flowers, but he would advertise himself and secure new customers. When stock is plentiful, select a certain day, order a large supply for that occasion, and announce the fact by delivering a handbill to every house in the neighborhood, that on that day he intends to give everyone the benefit of a low price, having secured a large supply at a lower figure than usual. Another plan is for the retailer during such times of oversupply in the wholesale market, to send a small box containing, say, six flowers, with his card, to his customers with his compliments, or to every home in the neighborhood of his establishment.

If all three branches of the trade would co-operate along these lines, I am sure it would prove of great benefit to all concerned. I would also like to hear some grower, retail florist or another wholesaler speak on this subject.

Canna Yellow King Humbert.

It was the writer's pleasure recently to visit the farm of J. C. Vaughan at Homewood, Ill., about 20 miles from Chicago, and I was much impressed with the magnificent showing of Canna Yellow King Humbert. On ap-



Allie Zech.

Essayist at the September Meeting of the Chicago Florists' Club.

proaching the farm, this variety at a distance of one-half mile loomed up above everything else, and it was at first difficult to believe that a canna could make such a beautiful showing at that distance. It is a sport from King Humbert but has green foliage, is a fine vigorous grower and the blooms appear to be a trifle larger than the old King Humbert. When this variety becomes known, I feel sure it will fill a place among the yellow cannas, fully as important as King Humbert has among the reds.

W. W. COLES.

Mrs. A. Guillaume Retires.

After nearly 35 years spent in the floral business at La Crosse, Wis., being one of the first to erect a greenhouse in that city, Mrs. A. Guillaume retired September 8, having disposed of her flower shop at Fifth and Main streets to L. E. Metcalf of Chicago. Mrs. Guillaume will conduct her nursery business, having a large amount of this stock on hand.

Mrs. Guillaume has been a resident of La Crosse for 42 years, and was associated in the florist business with her husband up to the time of his death three years ago. Her grandson, Carmen Freimark, and Miss Emma Guillaume, her daughter, who has been associated with her mother in business, will assist the new proprietor for a time.

State Florists' Association of Indiana.

A very enthusiastic meeting of the State Florists' Association of Indiana was held at Smith & Young's establishment, 228 East Ohio street, Indianapolis, September 7, President W. J. Vesey, Jr., of Fort Wayne in the chair. Three new members were added to that ever increasing list—Fred Keil, J. F. Brown and Wm. Hammitt, all of Indianapolis. The following committees were named to arrange for the meeting of the American Carnation Society, which will be held at Indianapolis, January 31-February 1:

Entertainment—O. E. Steinkamp, Irwin Bertermann, Jos. H. Hill and Geo. Wiegand.

Reception—John Bertermann, Herman Young, Henry Rieman, G. R. Gause and John Hartje.

Decorations—Homer Wiegand, Harry Pahud, C. Schwomeyer and A. F. Reynolds.

New Membership—W. W. Coles, Fred Heintz, Theo. Dorner, J. A. E. Haugh and E. G. Hill.

Table Displays—Fred H. Lemon, C. C. Thomas, Chas. Pahud, C. H. Bookedis and John Rieman.

W. J. Vesey, Jr., ex-officio.

Herman Young was appointed to send a letter of condolence to the bereaved relatives of Wm. Langstaff, who died August 22. He was an honorary member of the association, was one of its charter members and had held office for several years.

The committee on the Anna Jarvis Mothers' day fund reported having collected \$133 for the cause and it was voted to forward same to Secretary John Young of the S. A. F.

The big joint meeting of the Indiana and Kentucky florists to be held at Louisville October 17-18 was one of the main topics for discussion during the meeting. The Indiana florists expect to swing into the Kentucky city via special train for the big two days' trade fest. Secretary Baumer, of the Kentucky state organization, is arranging the programme assisted by A. Rasmussen of New Albany. Full details of the trip will be published later.

After the business session the meeting adjourned to partake of a Dutch lunch prepared by Hosts Keil and Young.

Washington, D. C.

INDICATIONS OF GOOD FALL TRADE.

Business during the past week has improved considerably and with stock showing better form every day, the stores are looking forward to good fall trade. Roses and carnations are showing improvement and prices are fair. Asters, dahilas and gladioli are good. Lily of the valley is the scarce item.

NOTES.

The Leo Niessen Co. has moved to its new location and now has one of the best equipped wholesale establishments of its kind this side of Philadelphia.

George C. Shaffer is having his store painted, both inside and out. The entire force here has been very busy all week with wedding decorations.

W. W. Kimmell, after spending the greater part of the summer at Colonial beach, is back and is busy getting his store in readiness for the fall season.

S. Simonds, for the past 18 years head gardener at the Leiter estate, has resigned, and is looking around for a range of glass in this vicinity.

J. B. McCabe is adding two houses to his range. One is 28x160 feet, the other 30x160 feet. G. C. D.

Kansas City, Mo.**PLENTIFUL SUPPLY AND READY SALES.**

Trade is increasing day by day and a good supply of stock finds ready sale. Roses are becoming more plentiful and are of excellent quality, especially Ophelia, Russell and American Beauty, prices ranging from 6 to 10 cents. Gladioli and asters have been plentiful and are still holding out to a good grade. The supply of green goods is short; in fact, impossible to secure enough for requirements at times. The call for pot plants is also increasing but the supply is limited. Basket work is also picking up.

NOTES.

The Alpha Floral Co. has been showing some exceptionally fine large asters in their window. They had the appearance of a good sized chrysanthemum and attracted much attention. Business is showing a good increase here.

T. J. Noll & Co. report a brisk business in out-of-town orders. Fine asters, gladioli and roses are features here. Mrs. Noll, accompanied by her mother, is making an extended eastern trip, visiting the principal cities.

Reinhardt & Son, of Shawnee, Kas., have a fine house of chrysanthemums. They have had a very prosperous season and expect to make additions to their range during the coming year.

H. Kusik & Co. report a good week. Gladioli and asters are being handled here in large numbers and are of good grade, especially the Colorado grown stock. Roses are also good sellers.

Ed. Humfeld reports good business and a brisk demand for funeral work. He says he misses his home in the Ozarks where he has 10 acres with good cool air and fine fishing.

W. J. Barnes had the decorations for the millinery opening at the Emery, Bird & Thayer store. Other decorations will follow later at the same establishment.

The crop of winter carnations coming on at the Stevens Greenhouses looks very promising. He also has a fine lot of cyclamens and begonias.

A. Newell reports business about on a par with that of last week, with stock more plentiful, especially roses.

Wm. L. Rock Flower Co. reports increasing business. All of the employees have returned from their vacations.

J. Hepting reports his carnation and chrysanthemum stocks in fine shape.

B. P. Martin, of Rosedale, Kas., has his new greenhouses ready for planting. E. J. B.

Los Angeles, Calif.**GOOD FALL BUSINESS IN SIGHT.**

Weather conditions continue favorable and very good carnations are being received from the gardens in this vicinity. Asters are slowing up and will soon disappear and very few gladioli are to be seen. Chrysanthemums are beginning to come in more plentifully and will soon hold the center of the stage. This has been a big year for dahlias, the supply having been ample and the quality good. Orchids and lily of the valley are not overly plentiful, but a few can be had from time to time. Violets are beginning to show themselves and will soon be seen on all sides and roses continue to improve. Business continues fair; in fact, there has been no real slump in business in this city this summer. People are returning from their summer jaunts, and as far as dull trade is concerned, the worst is over.

NOTES.

Business at Wright's Flower Shop, Inc., has been very good. They have

been showing some fine American Beauties from their own range. Fred Westrem, one of the genial salesmen at this establishment, has been spending his vacation in a delightful trip down the coast in his Ford.

The Broadway Florists have finished decorating one of the big Broadway stores for its recent opening. They report the biggest dahlia sales this season in the history of their establishment.

O. C. Saakes has been quite busy with funeral work. He is featuring some very good White Fair Maid carnations.

The Redondo Floral Co. has been busy with funeral orders. Mr. Knopf is entertaining guests from Portland, Ore.

Seki Bros. & Co. have quite a crop of chrysanthemums coming on for the fall trade at their Hollywood place.

G. H. H.

Providence, R. I.

Stock is plentiful. Gladioli and asters are still holding out very well and roses are improving and are enjoying a good call. Floral work continues steady and the cut flower trade which has been brisk for some time is getting better day by day.

NOTES.

The Westminster Greenhouses are rebuilding one of their houses. In it will be placed the recent shipment of 10-foot palms received from Belgium.

Alterations are being made at the Park Greenhouses to permit building operations, several dwellings to be erected at the front of the property.

The Rhode Island Horticultural Society held its annual fall show September 11-12 in the ball room of the Narragansett hotel.

Henry Taylor, of Macnair's force, is enjoying a three weeks' vacation in the White mountains.

E. R. Seymour, of Warren, R. I., is sending good Boston and Roosevelt ferns to this market.

The Empire Floral Co., Powers & Oakley, proprietors, opened for business September 9.

J. Kopelman & Co. are cutting excellent roses at their range at Riverside.

The Carmichael Orchards are cutting fine gladioli. H. A. T.

Cincinnati.**SEASONABLE STOCK IS PLENTIFUL.**

The market during the past week showed improvement as far as the supply of stock is concerned, better in fact than it has been for some time. All seasonable lines are now plentiful and easily able to take care of all requirements. The supply of asters and Easter lilies has increased greatly, both being plentiful. Roses are in very fair supply. The gladioli cut is large and only the best find ready sale. Cosmos, too, are plentiful and some excellent dahlias are to be had.

NOTES.

J. J. Enneking, who, for many years, was associated with the late Max Rudolph, has taken over the store. He is thoroughly versed in all the details and will make good in his business venture.

C. E. Critchell has been receiving heavy shipments of asters from out-of-town points.

W. Ray Murphy is away on a business trip.

Henry Schwartz is again on the sick list.

Visitors: Wm. Hasselmann, Independence, Mo.; J. W. Crismore, Chicago; Miss Emma Constable, Blanchester, O.; A. Miller, Chicago; Jos. Molch, Jeffersonville, Ind. H.

Holyoke and Northampton Club.

The regular meeting of the Holyoke and Northampton Florists' and Gardeners' Club was held at the Massachusetts Agricultural College, Amherst, September 5, the members having been invited by Professor A. H. Nehrling of the department of floriculture to spend the afternoon at the college and as many as could do so availed themselves of the opportunity and inspected the many interesting features to be found at that institution. A hardy perennial garden has recently been established and is receiving much attention from visitors.

The business meeting was called to order by President Butler and plans for the coming show were discussed. Professor Nehrling read two papers which had been received from the National Association of Gardeners, the subjects being, "The Diabrotica," by R. A. Sell of Texas, and "The Iris Worm," by F. S. Snow of Pennsylvania. A general discussion on insect pests followed. Several vases of perennials from the college garden were arranged on the tables and H. E. Downer staged a display of Senecio clindrum. H. E. D.

The Late Mrs. Charles Wrege.

Mrs. Charles Wrege, for the past 35 years associated with her husband in the florist business at 21 Roosevelt avenue, Jersey City, N. J., died at Newfoundland, N. J., September 3. Her death resulted from an accident. She and her husband were spending a short vacation at a farm house. Mrs. Wrege volunteered to help her hostess wash the breakfast dishes. While moving about the kitchen she slipped or stubbed her toe, and plunged down the basement stairs; her skull was fractured and she died, without regaining consciousness, in less than two hours.

Mrs. Wrege was born in Germany 66 years ago and came to this country when 15 years old. Soon after, she married Mr. Wrege. They started in the florist business on Henderson street, Jersey City, removing later to the present location. She was a typical German wife and mother. Kind, industrious and courteous to all, in the various relations of life, she was highly esteemed by a large circle of friends. Her sudden death was a great shock to her husband, who is 77 years old, and other members of her family, a daughter, Mary and a son, George. Her funeral was held September 6, services being conducted by Rev. C. E. Peusgen, pastor of St. Paul's Lutheran church, where she had been an attendant. There were many fine floral tributes. A. F. F.

PADUCAH, KY.—John Van Aart, well-known florist of this city, has returned from a visit with relatives in Holland.

NEW BEDFORD, MASS.—William P. Pierce, in addition to a new greenhouse, is erecting an office building on Elm street.

MONTGOMERY, ALA.—The downtown store of the Rosemont Gardens is undergoing extensive operations which will be completed about October 1.

LENEX, MASS.—Mrs. Heeremans, wife of Frederick Heeremans, died here September 4. Besides her husband, Mrs. Heeremans is survived by two children.

LAKE FOREST, ILL.—The fall show of the North Shore Horticultural Society will be held here early in November. Copies of the preliminary schedule may be had upon application to P. Back, chairman and secretary, Lake Forest.

THE AMERICAN FLORIST

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,

440 S. Dearborn St., CHICAGO

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CHRYSANthemum growers say fine blooms will not be as plentiful as usual this fall because of the injury to many plants caused by the severe summer heat.

Personal.

E. G. Hill, of Richmond, Ind., celebrated the sixty-ninth anniversary of his birthday, September 11.

Nitrate Prices Soar.

The German sailing ship, Indra, which sailed from a Chilean port to Dunkirk, France, in 1914, with a cargo of nitrate valued at \$125,000, was compelled to head for New York upon learning that war had been declared. When the vessel began to discharge her cargo in that port, July 17, the nitrate ad advanced in value to \$1,000,000 due to the demands for the chemical for the manufacture of explosives during the past two years.

THE Chicago postal authorities have ruled against admitting liquid insecticides to the mails.

CARNATION plants in many sections are quite small this year and had to be doubled and in some cases trebled in benching.

Pexto Employes' Annual Outing.

That the employes of the Southington plant of The Peck, Stow & Wilcox Company can do more than make good tools was demonstrated at the third annual outing of the company which was recently held at Lake Compounce, Conn. They showed that they could play baseball, put the shot, do the broad jump, dance and eat pie with remarkable facility. There were 650 employes at the outing. Special cars took them from Southington to Lake Compounce, and after a short parade the programme of sports was started.

Geraniums Diseased.

ED. AMERICAN FLORIST:

I am enclosing you some samples of geranium foliage and wish you would advise me as to the trouble and remedy. We placed some of the plants in new soil last spring but that did not seem to help.

Maine.

A. J. L.

The inquirer does not state under what conditions these plants have been grown, whether pot or bench grown or under any other method. I should judge by the appearance of diseased leaves sent as sample that there is something wrong with the soil, or if pot grown and standing on coal ashes, the ashes throw off some gases that affect the leaves, or maybe the plants are being grown under close conditions and are not receiving a free circulation of air among the plants.

C. W. JOHNSON.

Dahlia Show in New York.

Preparations are well in hand for the forthcoming dahlia show, to be held by the American Dahlia Society in conjunction with the American Institute of the City of New York, at the Engineering Building, 25-33 West 39th street, between Fifth and Sixth avenues, New York. The show will be opened Tuesday, September 26, continuing over Wednesday and Thursday, and as the schedule of the American Institute is a lengthy one, and is amplified by the special prizes of the American Dahlia Society, keen competition from a wide section of the country around New York is expected. Silverware and medals are offered by the A. D. S., while money exclusively is offered by the American Institute, the total prizes running to over \$460.

Every section of the dahlia is catered to and there are three divisions in the schedule for commercial growers, professional gardeners and amateurs, each being protected in their own division. Admission to the show will be free and it is hoped that with the present favorable weather, cooler nights and showers, such a dahlia show as New York has not seen before will be staged.

Entries should be directed to William A. Eagleson, secretary of the American Institute, whose office is at 322 West 23rd street, New York, but all information relating to the dahlia society, its work, membership and publications should be addressed to J. Harrison Dick, 1426 73d street, Brooklyn, N. Y.

National Association of Gardeners.

EXECUTIVE MEETING.

An executive meeting of the trustees and directors of the National Association of Gardeners was held at the Murray Hill hotel, New York, September 7, President W. N. Craig in the chair. A number of important matters came before the meeting, besides the usual routine business, which were all favorably disposed of. Letters were received from Vice-President Theodore Wirth, of Minneapolis, Minn., and Director Thomas W. Head, of Lake Forest, Ill., both reporting a constantly increasing interest among the gardeners of the middle west and west towards the national association and recommending that the organization's annual convention be held in some western city in the not distant future.

The action of the bureau of standards, of the board of estimate of the City of New York, recommending a higher scale of salaries for the gardeners employed by the city park department, was officially brought to the attention of the meeting. A resolution was adopted endorsing the board of estimate's action and calling for the support of the mayor and park commissioner of the City of New York towards securing the adoption of the measure when the 1917 budget comes up for consideration.

The recent discussion in some of the New York daily papers on the poor compensation gardeners receive in some of the public institutions was also brought to the attention of the meeting. While the existing conditions were discussed and severely condemned, as the matter was not officially before the meeting however, no recommendations were made.

It was decided to offer the association's silver medal for competition to all horticultural societies or gardeners clubs who desire to accept the offer. The terms of competition (to be for 1917) are left to the local societies as to whether it should be for one of its shows or for monthly competition, the only restriction being that the competitor must be a member of the National Association of Gardeners.

The plan of the national co-operative committee to provide essays for the monthly meetings of the local horticultural societies, which it has done during the past year, was approved, and it was decided to continue to supply these essays to about 50 societies throughout the country that applied for them.

The appointment of John Canning, of Ardsley, N. Y., as director was announced, to fill the unexpired term of James MacMachan, deceased, whose term expires January 1, 1919.

It was voted to hold the next annual convention during the early part of December at Washington, D. C. For the 1917 convention Chicago was voted as the choice of the meeting. Pittsburgh was also favorably discussed as the 1918 meeting place.

Following the adjournment of the meeting some of the members coming from a distance visited the estate of Adolph Lewisohn, Heatherdell Farm, Ardsley, N. Y., over which John Canning presides as superintendent; and later proceeded to "Greystone," Yonkers, N. Y., the estate of Samuel Untermyer, where more than a million dollars is being expended in improvements and more than 400 men are reported to be at present employed in the development work.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.
For Plant Ads., See Ready Reference Section.
 Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Gardener on private place, good designer, married, address,
 Key F, care American Florist.

Situation Wanted—By young lady, 5½ years experience in store and design work.
 Key 676, care American Florist.

Situation Wanted—By a well educated young lady with some experience. Wants position with board; with florist where she can learn designing.
 Key 684, care American Florist.

Situation Wanted—By a competent gardener and florist scientific and practical experience in greenhouse management and care of grounds, prefer place as head gardener or superintendent of grounds.
 Key 666, care American Florist.

Situation Wanted—As gardener on gentleman's place understands the growing of fruits, flowers and vegetables under glass; also care of flower and vegetable gardens; middle aged married, no family. Address
 Key 683, care American Florist.

Situation Wanted—Young man 26 married; thoroughly competent grower; car at his disposal; chrysanthemums, pot plants, A 1 designer; reference as to character and ability.
 EARLE FORTNEY,
 1026 Carleton St., Fairmont, West Va.

Situation Wanted—Horticulturist seeks engagement. Scientific and practical experience in raising vegetables in and out of doors; greenhouse management; bush fruits, tree surgery and cut flowers; good wages expected for guaranteed results on large scale; references, married, 32, one child. Address
 B. Box 35, Pomfret Center, Conn.

Help Wanted—A man for putting bulbs my entire place, at once; by day or contract
 W. M. DITTMAN, New Castle, Ind.

Help Wanted—Two good storemen for Chicago loop stores; \$20.00 to \$25.00 per week to right men.
 Key 686, care American Florist.

Help Wanted—A first-class carnation grower. Apply, stating wages and experience to
 MILLER & SONS, Lauder Ave., Toronto, Ont.

Help Wanted—Good saleslady and designer for Chicago loop store. Reply as early as possible, giving experience, age, etc.
 Key 685, care American Florist.

Help Wanted—By a retail store growers' son preferred. State full particulars
 BERNARD SCHMIERER,
 849 Irving Park Blvd., Chicago.

Help Wanted—Young man to grow roses, carnations and pot stock. Give experience and wages desired in first letter.
 RUGBY GREENHOUSES, Rugby, No. Dak.

Help Wanted—A young man with experience in landscape work, draughting, etc., as assistant in our landscape department.
 BERTRAND H. FARR, Wyomissing Nurs. Co.,
 Wyomissing, Pa.

Help Wanted—First-class salesman and artistic decorator, must be an original, young, clean-cut man. Splendid opening with chance for advancement to right party. High-class New York store. Address
 Key 682, care American Florist.

Help Wanted—Gardener on country place near Elgin, Ill. First-class position to man who understands gardening and care of shrubbery; pleasant living quarters and good pay. Address, stating experience and references.
 Key 681, care American Florist.

Help Wanted—A competent, reliable nurseryman for superintending of a well established north-western nursery. References given and required. Give full information as to qualifications and salary wanted in first letter. Address
 Key 680, care American Florist.

Help Wanted—At once, a competent working foreman; 35,000 feet of glass; carnations, 'mums, Christmas and Easter flowering and bedding plants grown for retail store. Call at once, or if impossible, write, enclosing recommendations and references in first letter, also stating wages wanted.
 JOHN RECK & SON,
 Bridgeport, Conn.

For Sale—Chicago flower store on prominent north side street. Good opportunity for live florist.
 A. C. KOHLBRAND,
 174 North Wabash Avenue, Chicago.

Milwaukee Greenhouses For Sale at a Bargain—10,000 feet of glass; first class condition; well stocked; fine location; good business; good reason for selling; easy terms. Address
 Key 674, care American Florist.

Wanted to Rent—Twenty to forty thousand feet of glass near Chicago. For further particulars address
 Key 655, care American Florist.

Storeman Wanted

Experienced. Must be a good designer. Canadian preferred. Reply, stating experience and salary expected, to

MCKENNA LIMITED,
 Montreal, Canada.

Expert Gardener

Seeks engagement on first-class private estate near Chicago; good wages expected in return for guaranteed results.

Key 675, care American Florist.

Situation Wanted.

A 1 designer, salesman and all-around storeman, capable of managing an up-to-date place. Will have no objection to represent some reliable house on the road, for I know the game from A to Z, and am ready to start work immediately. Married, and have family. For further particulars address

Key 677, care American Florist.

FOR SALE

Three Moninger greenhouses, 27x150 feet, all planted to chrysanthemums and one propagating house, 18x75 feet, planted to Sprenger, all A 1 stock. Modern 7-room residence barn, passenger automobile, delivery truck, etc. The greenhouses were built recently and are located 16 miles from the Chicago wholesale market. Buyer can take immediate possession and will find this to be a big bargain. For further particulars address

Key 671, care American Florist.

Wanted to Exchange

As part payment on small range of greenhouses located near Chicago, well paying retail store located on north side of Chicago; established over 6 years. Address

Key 670, care American Florist.

CIVIL SERVICE BOARD

West Chicago Park Commissioners

The Civil Service Board of the West Chicago Park Commissioners will hold the following examination on the date and at the place given below. Application blanks may be obtained at the office of the Board in Union Park or at the West Park playgrounds.

Examination No. 225.

FLORIST, Class G Rank II. Original entrance, pay \$80.00 to \$91.00 per month. To be held October 3rd, 1916 at 9:00 a. m., at the Garfield Park Pavilion. Open to men over 21 years of age regardless of residence. Applications must be filed in the office of the Civil Service Board in Union Park before 5:00 p. m. of October 2nd, 1916.

Subjects: Special Subject, weight of 6; Experience, weight of 3; Physical, weight of 1.

Special Subject: An oral and practical test in exhibition greenhouse work and written questions on the care and propagation of plants and general greenhouse operations.

The duties of the florist are general work in the conservatory and propagating house and in the outdoor gardens throughout the system.

FRED G. HEUCHLING,

Sept. 6, 1916. Superintendent of Employment.

For Names You Will Need

The American : :
 Florist Company's

-- TRADE -- DIRECTORY

1916

Contains 546 Pages

Price \$3.00 Postpaid

THE AMERICAN FLORIST COMPANY'S Trade Directory, for 1916, fully revised, is indispensable in mailing catalogues and circulars to the trade. It contains 546 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States, Canada, Central and South America, arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms which Issue Catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, Seed Growers, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

American Florist Co.

440 S. Dearborn St.

CHICAGO

Holland Grown Bulbs

HYACINTHS, TULIPS, NARCISSI, ROSE BUSHES, ETC.

Write for information about the **MAMMOTH AUCTION SALES** that we will hold during the coming Fall Season, of Holland's latest and choicest varieties.

The MacNiff Horticultural Company

52, 54 and 56 Vesey Street The Largest Horticultural Auction Rooms in the World NEW YORK CITY

Cleveland.

SUPPLY GOOD AND MARKET ACTIVE.

The market has been quite active the past week and stock has been about equal to the demand. Asters so far have not been up to the standard as to quality, but good stock should arrive from now on as several good rains fell lately. Roses of all kinds have been plentiful, especially long American Beauties. The demand is principally for medium and short grade stock. Gladioli are arriving much better now and dahlias are at last making an appearance. Larkspurs, snapdragons, swainsonas, tritomas, Jap lilies and marigolds are part of the daily offerings. Eastern lilies and lily of the valley are short of the demand. There are no sweet peas now. Orchids are also scarce. Greens of all kinds are plentiful. The supply business is good as most retailers realize the war is still going on in Europe and stock will not be overplentiful this year, so early buying is the rule.

NOTES.

In a letter from Geo. W. Smith at Cody, Wyoming, he says everything is lovely; he is having the time of his life, as is also his son, Don. Mrs. Smith is feeling fine and outside of the inconveniences of oil lamps, hauling water from the spring and building wood fires to heat and cook, she is enjoying the rough life of their mountain camp.

C. F. B.

Columbus.

FAIR DEMAND BUT STOCK SCARCE.

Meager stock continues to embarrass florists. Gladioli, which have been the one real mainstay for weeks, although below average quality, are now near the windup. The dearth is being relieved in some degree by late asters. Following the rains, they have done much better than was promised a fortnight or more ago. The prices are 50 cents, 75 cents and \$1 per dozen. Carnation cuttings are increasing slowly in volume, but the blooms and stems are not very well developed. About the best price realized is 50 cents per dozen. The carnation crop as a whole is not promising at this stage. Chrysanthemums are appearing in greater numbers, being confined mostly to yellow varieties, and selling at \$3 a dozen. Aside from a fair run of funeral business, trade is rather quiet.

NOTES.

Floral displays at the Ohio state fair, which are usually very extensive, were cut down this year, partly through lack of flowers and to some extent by the retrenchment policy of the management in reducing the amounts of the premiums. The Livingston Seed Company took first on table decorations, the flowers used being Sunburst roses and deep blue larkspur, tied with yellow ribbons. The award was \$50, as against \$80 last year. The second premium went to the Hardesty Floral Company of this city. J.

Extra Fine Field Grown

CARNATION PLANTS

35,000 ENCHANTRESS

\$5.00 per 100; \$45.00 per 1000.

PERCY JONES, INC.

WHOLESALE FLORIST

56 East Randolph Street,

CHICAGO

Albany, N. Y.

CLUB MEETING.

Two salesmen from Philadelphia, Stephen Green, representing H. Bayersdorfer & Co., and Robert Shoch, of M. Rice & Co., greatly enlivened the September meeting of the florists' club with recitals of trade conditions, special observations, and suggestions they had gathered in the course of their travels. The meeting was held at the establishment of Fred A. Danker, 744 Central avenue, and was attended by 27 of the members and guests. The two salesmen happened to meet in Albany on the same day and readily accepted invitations to attend the meeting. Both reported that in their travels they had found flowers scarce and prices high. Robert Shoch had been on the road since July 5 and in the interval had visited cities from Canada to New Orleans. Stephen Green had been traveling in Canada and in New York state. The former said that in the south this summer the rainy weather had affected the flower crop adversely. Mr. Green described conditions in Buffalo on one of the days that he was there. He said that for every box of cut flowers received at the express office in that city there were 15 retailers ready to take it. Both men described the scarcity of flowers as a general condition in the localities they had visited. Mr. Green reported that at Akron, Ohio, the common council had passed an ordinance closing florists' establishments on Sunday. Orders for funeral work taken may be filled by the dealers who, however, must work behind closed doors. Mr. Green said the ordinance had many good features and that it ought to work well, particularly in the smaller places. Akron retailers, he said, were disposed to speak well of the change in that it proved beneficial both to themselves and to their help. Mr. Shoch spoke at length and interestingly of

FIELD GROWN

Carnation Plants

Pink Enchantress,

\$5.00 per 100; \$40.00 per 1000.

Des Plaines Floral Co.

DES PLAINES, ILL.

Mention the American Florist when writing

the development of the decorative business in Philadelphia. Perhaps in no other city in the country is so much money spent for floral decorations. Both visitors reported the outlook for business during the fall and winter of 1916-17 as excellent.

On the clambake held August 19 Fred A. Danker, treasurer, reported: tickets sold, 182; receipts, \$305.20; disbursements, \$261.13; on hand, \$44.07, which was turned into the club treasury. A vote of thanks was extended by the club to the entertainment committee and Fred Henkes for their labors in making the bake a success. Stephen Green proposed the name of Robert Shoch as a member of the club and the same will be voted upon at the October meeting. Edward P. Tracey asked that his paper on the retail flower business in Albany be laid over to the next meeting, which request was granted. After the meeting adjourned refreshments and a social hour were enjoyed under the direction of the host.

R. D.

JOSEPH HEACOCK COMPANY'S PALMS AND FERNS



CIBOITIUM SCHEIDEL.

	Each
9-in. tub, 4 ft. spread.....	\$ 4.00
9-in. tub, 5 ft. spread.....	5.00

HOME GROWN

WELL ESTABLISHED

STRONG AND HEALTHY

ARECA LUTESCENS.

	In. high	Each
6-in. pot, 3 plants in pot....	24-30	\$1.00

COCOS WEDDELIANA.

	In. high	Per doz.	Per 100
2½-in. pot	6-8	\$ 1.50	\$12.00
2½-in. pot	10-12	2.25	18.00

KENTIA BELMOREANA.

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8-10		\$ 1.50
3-in. pot	5	12		2.50
4-in. pot	5-6	15	\$.45	5.00
5-in. pot	6-7	18-20	.75	9.00
6-in. pot	6-7	22-24	1.00	12.00
6-in. pot	6-7	26-28	1.50	18.00
6-in. pot	6-7	30	2.00	24.00
7-in. cedar tub. 6-7.....	34-36		3.00	36.00
7-in. cedar tub. 6-7.....	38-40		4.00	48.00
9-in. cedar tub. 6-7.....	40-42		5.00	60.00
9-in. cedar tub. 6-7.....	48-54		7.50	

Ready Oct. 15.

9-in. cedar tub. 6-7.....	5-5½ ft	10.00
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KENTIA FORSTERIANA.

	Leaves	In. high	Each	Per doz.
6-in. pot	5-6	24	1.00	12.00
6-in. pot	5-6	30-32	1.50	18.00

KENTIA FORSTERIANA, Made-Up.

	In. high	Each
7-in. cedar tub, 4 plants in tub.....	30-36	\$ 3.00
7-in. cedar tub, 4 plants in tub.....	38-40	4.00
9-in. cedar tub, 4 plants in tub.....	40-42	5.00
9-in. cedar tub, 4 plants in tub.....	42-48	6.00
	Ft. high	
9-in. cedar tub, 4 plants in tub.....	4-4½	7.50

Ready Oct. 15.

12-in. cedar tub, 4 plants in tub.....	5	10.00
12-in. cedar tub, 4 plants in tub.....	5-5½	12.00
12-in. cedar tub, 4 plants in tub.....	5½-6	15.00
12-in. cedar tub, 4 plants in tub.....	6-7	18.00
12-in. cedar tub, 5 plants in tub.....	7-8	22.00

JOSEPH HEACOCK CO.,

Railway Station,
Jenkintown.

Wyncote, Pa.

Mention the American Florist when writing

Chinese Narcissus

NOW READY

SELECT BULBS

Per Mat 120 Bulbs, -	\$5.00
8 Mats (960 bulbs) for	\$40.00

WRITE FOR PRICES ON LARGER LOTS.

FREESIAS

(Purity True).

	Per 100	Per 1000		Per 100	Per 1000
½-in. to ⅝-in. \$1.25	\$10.00		½-in. to ⅝-in. \$1.75	\$15.00	
⅝-in. to 1-in. 1.00	7.00		⅝-in. to 1-in. 1.50	12.00	

CALLAS

1¼ to 1½-in. per 100, \$5.50	1½ to 2-in. per 100, \$8.50
------------------------------	-----------------------------

LILIUM FORMOSUM

For Shipment Sept. 15th.

	Per 1000
6 to 8-inch (350 to case).....	\$ 40.00
7 to 9-inch (250 to case).....	58.00
9 to 10-inch (180 to case).....	80.00
10 to 12-inch (100 to case), per case, \$12.00.....	100.00

FALL LIST FOR FLORISTS NOW READY.

CHICAGO

VAUGHAN'S SEED STORE

NEW YORK

The Florists' Supply House of America

Do you know now is the time to have your supplies ordered; be ready when the season opens.

Dainty Colorings in all kinds of baskets, shapes and designs. Prices are right.

Send for Assortment of \$10.00 to \$25.00.

Immortelles, New Crop, All Colors.

Diana Grass. All Colors for Designs.

Try our **Standard Cycas**, Best on Earth, the kind that all good florists use.

Magnolia Leaves, all Colors in Bulk or Cartons; Brown, Red, Green and Purple.

Order your **Japanese Frieze Roping**; colors, Red, Green, Purple, White, Blue; 3 sizes.

Japanese Bowls and Inserts for same. All sizes. Write for sample lot.

CATALOGUE ON APPLICATION.

H. BAYERSDORFER & CO.,

1129 ARCH STREET,

PHILADELPHIA, PA.

Rochester, N. Y.

GOOD STOCK IS SCARCE.

Cut flowers in all of the seasonable varieties are scarce. Asters have been very limited in supply, gladioli are only fair and carnations have been out of the running altogether. Roses are very good, however, considering the season, especially Ophelia and My Maryland. A few Golden Glow chrysanthemums are beginning to arrive, but there is little demand for them. Business has been picking up since September 1 and all indications point to a good fall trade. Boston ferns are beginning to meet with a fair demand.

NOTES.

Salter Bros. attract much attention to their window with a clever display of pools and rockeries arranged with gazing globes and garden accessories.

James Bates and wife of Oakfield called on friends here last week. Mr. Bates reports business good during the summer months.

C. L. Walker and wife of Belmont, N. Y., returning from a camping trip to Lake George, were recent visitors.

Harry P. Neun has given up the stand in the Hotel Rochester.

CHESTER.

Horticultural Society of New York.

The Horticultural Society of New York, in co-operation with the New York Botanical Garden, will hold a dahlia exhibition Saturday and Sunday, September 23-24, in the museum building, New York Botanical Garden. The prizes for this exhibition are offered by the New York Botanical Garden from the income of the William R. Sands fund. The exhibition will be open from 2 to 5 p. m. on Saturday, and from 10 a. m. to 5 p. m. on Sunday. It is hoped that all interested in this popular flower will make entries and help to make the exhibition large and attractive. Schedules are now ready for distribution and will be sent upon application to the secretary, George V. Nash, the Mansion, New York Botanical Garden, Bronx Park, New York City.

GEORGE V. NASH, Sec'y.

Bay Trees

STANDARD
OR
TREE SHAPED



Stems	Each	Pair
30-in. Crowns 24-in.....	\$ 7.00	\$13.00
45-in. " 26-in.....	7.50	14.00
48-in. " 34-in.....	12.00	22.00
48-in. " 40-in.....	15.00	28.00

PYRAMID—5 ft. high, 24 in. diameter 8.00 15.00

Boxwood Plants

IN TUBS

	Each	Pair
PYRAMIDS— 2½-ft.....	\$2.00	\$3.75
3-ft.....	2.50	4.50
BUSH— 24-inch.....	1.25	2.35
30-inch.....	2.75	5.00
36-inch.....	3.75	7.00
STANDARDS—18-20-inch stem, 12-inch ball tops.....	3.00	5.50
12-in. stem, 12-in. crown.....	1.25	2.25
14-15-in. stem, 12-in. crown.....	1.50	2.75

BUSH—Out of tubs—	Doz.	Per 100
10-inch.....	\$3.00	\$22.50
12-inch.....	4.00	30.00
18-inch.....	6.50	45.00

Out of tubs 25c each reduction.

10% discount allowed on Pyramids in lots of 10 or more.

10% discount allowed on Bush shape in lots of 50 or more.

Ampelopsis Veitchi } Per doz., \$ 3.00
3-year, pot grown. } Per 100, 20.00

Fall "Book For Florists" Ready.

VAUGHAN'S SEED STORE, CHICAGO, NEW YORK

Mention the American Florist when writing

Smith's Revised Chrysanthemum Manual

(Third Edition)
By ELMER D. SMITH

Who has made a specialty of Chrysanthemum Culture for the last 25 years. The best work on Chrysanthemum Culture. Both amateur and florists have been provided with articles for their special needs.

106 Pages. Only 50c., postpaid.

ELMER D. SMITH & CO., ADRIAN, MICH.

Robert Craig Co...

High Class **PALMS**

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

OUR NEXT PRESIDENT

Is problematical, but this is **POSITIVE**, you can buy, at auction, Holland's Finest Bulbs, and the Best Local Grown Decorative Plants, Evergreens, Etc.

JOHNSON & MILLANG, Inc.

Coogan Bldg., 55-57 W. 26th St.,

Under Cut Flower Exchange

NEW YORK

**SALES AT AUCTION EVERY TUESDAY AND FRIDAY
START PROMPTLY AT 9:00 A. M.**

**10,000 SQUARE FEET DEVOTED TO OUR AUCTION BUSINESS.
WRITE FOR CATALOGUE.**

Pittsburgh.

FAIR TRADE DESPITE WARM WEATHER.

Business has been fairly good considering the warm weather we had the early part of the week. Roses and carnations are coming more plentiful, but there is no over supply. Most all the short roses are sold very cheap as they develop too fast this warm weather and must be disposed of at once. American Beauties are more plentiful, but clean up every day. Many long stems are arriving and do not sell as readily as the short stems and are often disposed of at low prices that none will be held over. The first dahlias of the season arrived last week and are very fine, but do not ship well on account of the warm weather. We are glad to see the dahlias as asters and gladioli are almost a failure, so they fill in very nicely. The late crop of asters may come in, but the growers report a short crop. The ones received at present are very good. Lilies are more plentiful, but seem to clean up each day. Plumous bunches are not overly plentiful, but still enough to go around. Smilax has been very good if we could only get more of it.

NOTES.

All the retail stores have finished cleaning and painting and are looking fine to welcome the fall business, which promises to be very good. Geo. Wessenauer, of Sewickley, has made several changes in his conservatory, which are very noticeable.

Peter Hopman, of New Galilee, Pa., has some fine looking rose plants and expects to have a fine lot of roses this year. He is especially strong on Ophelia. His chrysanthemums are looking fine. The McCallum Co. handles all his cut.

Edw. McCallum and family motored to Bedford September 10, returning by way of Altoona and Johnstown.

G. P. Weaklen, of East End, is busy looking after several large weddings this week.

Miss E. B. Maxwell has returned from her vacation.

BALTIMORE, MD.—Charles L. Seybold, formerly in charge of Carroll park and for several years past in charge of the park system of Wilkes-Barre, Pa., is being prominently mentioned for general superintendent of parks here.

SWEET PEA SEED

SOME NEW AND VERY FINE SPENCER VARIETIES

Rose Queen. Color beautiful shade of pink, produces extra long stems and usually four flowers per stem.

One of the most popular varieties on the market.

Prices: Strictly greenhouse seed, \$5.00 per oz., \$15.00 per ¼ lb., \$50.00 per lb.

Fordhook Pink. This is a distinct shade of pink suffused with lavender throughout. Flowers are large size, exquisitely waved, produced in threes and fours on long stems. Per ¼ lb. \$4.00, \$15.00 per lb.

Fordhook Rose. Flowers of largest size, usually borne in threes and fours. A charming shade of rosy carmine. \$1.50 per oz., \$4.50 per ¼ lb., \$18.00 per lb.

Yarrowa. Flowers exquisitely waved and of large size. Color, bright rose pink with lighter wings. \$1.00 per oz., \$3.50 per ¼ lb., \$12.00 per lb.

WINTER ORCHID-FLOWERING VARIETIES

Bicolor

PINK AND WHITE ORCHID. Well-known Blanche Ferry color, of large, well formed flower.

Price, ½ oz., 50c, 1 oz. 75c, 4 ozs. \$2.50, 1 lb. \$9.00.

Shell Pink

MRS. A. A. SKACH. No doubt this variety was mostly grown in the past three years. Many growers have planted several greenhouses to this variety on account of their beautiful selling color, which improves the longer it is out on plants.

Price, 1 oz. \$1.00, 4 ozs. \$3.50, 1 lb. \$12.00.

MRS. JOSEPH MANDA. A shade lighter, of curly flower, on extra long stem.

Price, 1 oz. \$1.25, 4 ozs. \$4.00, 1 lb. \$14.00.

MORNING STAR. Light pink, larger flower, longer stems than both preceding, very strong and free bloomer.

Price, 1 oz. \$4.00, 4 ozs. \$12.00, 1 lb. \$40.00.

DOLANSKY ORCHID. Light shell pink. Price, 1 oz. \$1.25, 4 ozs. \$4.00, 1 lb. \$14.00.

White and Blush.

WHITE ORCHID. Grown by thousands of florists for years. It is of the dwarfier habit.

Price, 1 oz. \$1.00, 4 ozs. \$3.50, 1 lb. \$12.00.

BRIDAL VEIL. More frilled and pure white.

Price, 1 oz. \$1.75.

MRS. M. SPANOLIN. Of purest white, during bright weather, coming with slightly pink on the tips, fine curly flower on long stems.

Price, 1 oz. \$1.25, 4 ozs. \$4.00, 1 lb. \$14.00.

VENUS. The ground is white, around the edges pink blushed. One of the grandest flowers of this type and the best liked among the florists.

Price, 1 oz. \$1.50, 4 ozs. \$5.00, 1 lb. \$15.00.

Lavender, Blue and Maroon.

LAVENDER ORCHID. Lavender pink of largest size. A well-known old timer.

Price, 1 oz. \$1.00, 4 ozs. \$3.50, 1 lb. \$12.00.

NUBIAN ORCHID. Dark maroon blue, selfs, nearly 90 per cent fixed.

Price, 1 oz. \$4.00, 4 ozs. \$12.00.

LAVENDER NORA. No doubt the finest lavender in all the Sweet Pea family, and well liked by every florist.

LAVENDER QUEEN. Very large, of good lavender color.

Price, 1 oz. 50c, 4 ozs. \$1.75, 1 lb. \$6.00.

Rose, Red and Orange

ORCHID BEAUTY. Dark rose, blushed with orange, very large flower, and the best commercial seller in this color.

Price, 1 oz. 75c, 4 ozs. \$2.50, 1 lb. \$9.00.

Many other varieties. Send for complete list.

BULBS PAPER WHITE NARCISSUS, HYACINTHS, GIGANTEUM LILIES, DAFFODILS, TULIPS, IRIS.

Let us quote you.

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF PHILADELPHIA

NEW YORK

117 West 28th Street

BALTIMORE

Franklin and St. Paul Sts.

PHILADELPHIA

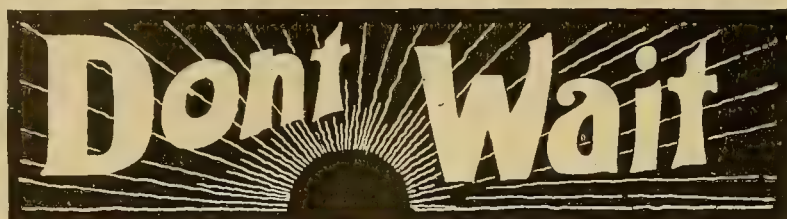
1608-1620 Ludlow Street

WASHINGTON

1216 H Street, N. W.



Mention the American Florist when writing



Don't let your competitor win the race for profits. Don't let another man get a head start. The first rule in the game of business is, **DO IT NOW!**
POEHLMANN'S FLOWERS ALWAYS WIN THE GOAL.

Can Supply Wild Smilax On Two Days' Notice.

MINIATURE ROSES, BABY DOLL, CECILE BRUNNER, FIREFLAME AND GEO. ELGAR. YELLOW CHRYSANTHEMUMS, EASTER LILIES, AMERICAN BEAUTY AND MRS. CHARLES RUSSELL ROSES.

CURRENT PRICE LIST—In Effect Now.

AMERICAN BEAUTIES.	
	Per doz.
Long	\$3.00 to \$4.00
30-inch	2.50
24-inch	2.00
20-inch	1.50
Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00.	

OPHELIA, RICHMOND, MILADY, SUNBURST, KILLARNEY BRILLIANT, KILLARNEY, WHITE KILLARNEY, WARD.

	Per 100
Long	\$8.00
Medium	\$4.00 to 6.00
Short	3.00

MRS. CHAS. RUSSELL.	
	Per doz.
36 inches long	\$2.50
30 inches long	2.00
24 inches long	1.50
18 to 20 inches long	1.00
Short	per 100, \$4.00, \$6.00

MINIATURE ROSES.

Cecile Brunner	per 100, \$1.00
Fireflame	per 100, 2.00
Baby Doll	per 100, 2.00
George Elgar	per 100, 1.00

ASTERS.

	Per 100
Best	\$3.00 to \$4.00
Medium	2.00
Short	1.50

MISCELLANEOUS CUT FLOWERS.	
	Per 100
Lilies	\$10.00 to \$12.00
Gladioli	2.00 to 4.00
Chrysanthemums—Golden Glow...	
.....per doz.,	2.00 to 3.00
Gypsophila	\$1.00 per bunch
CATTLEYS	per doz., \$10.00 to \$12.00
VALLEY	\$4.00, \$5.00, \$6.00 per 100

GREEN GOODS.

Mexican Ivy	\$0.75
Smilax	2.50
Sprenger and Asparagus Sprays...	\$2.00 to 3.00
Adiantum	1.00 to 1.50
Galax (bronze and green)	per 1,000 1.50
New flat ferns	per 1,000 2.00
Wild smilax	per case 6.00

SUPPLY DEPARTMENT.

WREATHS

made on mossed frames at prices that will save you time and money.

Send for a Special Trial Assortment of Wreaths at \$15.00 per dozen which we will guarantee to please the most critical buyer.

Cycas Leaves

Magnolia Leaves

Artificial Flowers

Prepared Oak in Short Sprays

Write Us For Prices Before
 Placing Your Order Elsewhere



POEHLMAN

72-74 E. Randolph St.,

Kentias Western Kentias Headquarters

Largest and most complete stock offered in the West, in a healthy, strong and clean condition.

BELMOREANA SINGLE PLANTS.

2 1/4 inch pots, \$1.50 per dozen; \$10.00 per 100;
\$90.00 per 1,000.

	Leaves	Each.
4 inch pots	5-6 16-18 inch high.....	\$0.40
	\$4.50 per dozen; \$35.00 per 100.	

	Leaves	Each.
6 inch pots	6-7 24 inch high.....	1.00
6 inch pots	6-7 28-30 inch high.....	1.50
9 inch tubs	6-7 42-44 heavy.....	5.00
10 inch tubs	6-7 50-54 heavy.....	7.00

Specimen plants, \$60.00-\$75.00.

FORSTERIANA SINGLE PLANTS.

	Leaves	Each.
4 inch pots	5-6 18 inch high.....	\$0.40
	\$4.50 per dozen; \$35.00 per 100.	

6 inch pots	6-7 28-30 inch high.....	1.00
6 inch pots	6-7 34 inch high.....	1.50
6 inch pots	6-7 34-36 inch high.....	2.00
8 inch tubs	6-7 40-42 inch high.....	3.00
8 inch tubs	6-7 42-46 inch high.....	3.50
8 inch tubs	6-7 50-52 inch high.....	5.00
9 inch tubs	6-7 54 inch heavy.....	6.00
9 inch tubs	6-7 60 inch heavy.....	7.00
10 inch tubs	6-7 5-5 1/2 ft.....	8.00
10 inch tubs	6-7 5 1/2-6 ft.....	12.00
15 inch tubs	6-7 8-8 1/2 ft. heavy.....	40.00
15 inch tubs	6-7 9-10 ft. heavy.....	50.00



FORSTERIANA MADE UP PLANTS.

Plants	Each.
6 inch pots 3 24 inch high.....	\$ 1.50
7 inch tubs 3 30-32 inch high.....	2.50
8 inch tubs 3 38-42 inch high.....	3.50
8 inch tubs 4 48-52 inch high.....	5.00
8 inch tubs 4 52-54 inch high.....	6.00
10 inch tubs 4 54-60 inch high.....	8.00
12 inch tubs 4 60 inch high.....	10.00
12 inch tubs 4 62-66 inch high.....	12.00
12 inch tubs 4 66-70 inch high.....	15.00
15 inch tubs 4 6-6 1/2 ft. heavy.....	25.00
15 inch tubs 4 75-80 in. heavy.....	\$25@30

ARECA LUTESCENS.

	Each.
6 inch pots, 4 plants, 24 inch high.....	\$1.00
8 inch tubs, 3 plants, 40 inch high.....	3.00

ASPIDISTRAS.

5 inch Aspidistra green 10-12 leaves.....	1.00
6 inch Aspidistra green 15-17 leaves.....	1.50
5 inch Aspidistra var. 7 leaves.....	1.00
5 inch Aspidistra var. 10-12 leaves.....	1.50

LIVISTONA ROTUNDFOLIA.

5 inch pots	\$0.75 each
6 inch pots	1.25 each

PHOENIX ROEBELENI.

	Each.
3 inch pots.....	\$3.50 per doz.
6 inch pots, 18 inch high, 24 inch spread..	\$2.00
10 inch tubs, 35 inch high, 46 inch spread..	7.50

Grafted and Own Root Rose Plants.

Grafted, 3 1/2-inch Stock.
\$140.00 per 1000.

00 Pink Killarney	600 Old Gold
00 White Killarney	350 Brilliant
00 Scott Key	900 Elgar

Grafted, 2 1/2-inch Stock.
\$100.00 per 1000.

3900 White Killarney

Own Root, 3 1/2-inch Stock.
\$96.70 per 1000.

400 Pink Killarney	300 Elgar
500 White Killarney	1625 Richmond
197 Old Gold	

CALADIUMS

Finest fancy leaved varieties, 35c, 50c, 75c, \$1.00 and \$1.50 each.

	100	1000
Begonia Chatelaine, 2 1/2 in.....	\$ 3.50	
3 in.	8.00	
4 in.	15.00	
5 in. ....each, 25c		

Begonia Lorraine, 2 in.....	10.00
Begonia Lorraine, 2 1/2 in.....	12.00
Coleus Emperor Wilhelm, 3-in.. 8c each; 4-in., 15c each.	

Crotons—5-inch, \$7.20 per doz; 6-inch, 75c and \$1 each.

Cyclamen—3 inch, \$8.00 per 100.
Seedlings, \$40.00 per 1,000.

	100	1000
Primulas Grandiflora and Giant strain, only the choicest varieties, summer delivery, 2 1/2 in.	\$3.00	

Smilax, strong new stock, 2 1/4 in. 2.50	
3 in.	6.00 50.00

	100	1000
New Pink Snapdragons, 2 1/2-inch pots	\$6.00	\$50.00
Stevia, 2 1/2-inch pots	20.00	
Boston Ferns, 5-inch, 40 cents each.		
Boston and Roosevelt Ferns, 6-in., 75c each; 7-in., \$1.00 each.		
Whitman, 6-in., 75c each.		
Table Ferns, 2 1/2-in., \$3.00 per 100.		

BOXWOODS

	Each
15-in. in burlap .....	.40
18-in. in burlap .....	.50

FIELD-GROWN CARNATION PLANTS

	100	1000		100	1000
4,000 Gloriosa, - - -	\$6.00	\$50.00	3,000 White Perfection, -	\$6.00	\$50.00
500 Enchantress, - - -	6.00	50.00	2,000 Philadelphia, - - -	6.00	50.00
1,000 Alice, - - -	7.00	60.00	500 Beacon, - - -	6.00	50.00
1000 Champion, - - -	6.00	50.00	500 Matchless, - - -	6.00	50.00

N BROS. CO.

Long Distance Phone,
Randolph 35. CHICAGO, ILL.

Choice Shipping Roses

We cut our flowers tight in the bud as the majority of our trade is shipping. Flowers that are sold mostly to the city trade are allowed to open more than for the shipping trade.

NEW BEAUTIES--Very Fine Flowers--Best In This Market. Good Shipping Stock.

Rhea Reid—Best red rose.

Mrs. Russell—Best pink rose.

Sunburst—Best yellow rose.

Double White Killarney—Best white rose.

Ophelia and **Shawyer**—Are also two good pink roses for summer use.

These in addition to the regular varieties of Roses we are receiving in large quantities direct from our greenhouses within a few hours of being cut, enable us to fill all orders with strictly fresh stock. This is the great advantage of buying direct of the grower. Order here.

CURRENT PRICE LIST

American Beauties	Per doz.
Specials, extra long stems.....	\$3.00
30 to 36-inch stems.....	2.50
Medium stems.....	\$1.00 to 2.00
Shorter lengths.....	.75

No very short stem Beauties.

**Hoosier Beauty, Rhea Reid, Ophelia,
Sunburst, Shawyer.**

	Per 100
Extra long.....	\$8.00
Good medium.....	\$5.00 to 6.00
Short.....	3.00 to 4.00

**Richmond, White and Pink Killarney
Killarney Brilliant**

Long.....	per 100,	\$6.00
Medium.....	"	\$4.00 to 5.00
Short.....	"	3.00

Mrs. Chas. Russell.	Per 100
Long.....	\$10.00 to \$12.00
Medium.....	5.00 to 8.00
Short.....	3.00 to 4.00

Cecile Brunner.....per bunch, 25c

Asters at Market Prices.

LILY OF THE VALLEY.....\$5.00 to 6.00

ASPARAGUS SPRAYS and **SPRENGER**.....2.00 to 3.00

FERNS, new.....per 100, 20 cents; in lots of 1000 or more, \$1.50 per 1000.

ADIANTUM.....1.00

GALAX, bronze and green...per 1000, \$1.25 to \$1.50

ROSES, our selection, in lots of 300 or more at the rate of \$20.00 per 1000; in lots of not less than 1000 or more, \$15.00 per 1000.

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN

LONG DISTANCE PHONE:
CENTRAL 1457.

Greenhouses: Hinsdale, Ill. and Gregg's Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

TRADE IMPROVES AFTER VERY QUIET WEEK.

Business was very quiet last week and outside of the shipping trade, which was not as good as usual, there was practically nothing doing to speak of. Most of the dealers report that their sales fell off considerably and that last week was the poorest seven days' business that they have experienced for some time. Business the opening of this week was a great deal better, but there is plenty of stock in almost all lines, with one or two exceptions, to go around. Orchids are very scarce and have advanced considerably in price, with very little stock available. Lily of the valley is none too plentiful at this writing, but last week there was plenty on hand to fill all orders, which was not due so much to the increased supply as it was to the falling off in the demand. Roses of all kinds are in large supply and are reaching the market in splendid condition. American Beauty and Mrs. Chas. Russell roses are moving nicely at good prices and seem to clean up well each day, especially in the longer stemmed grades. Some fine

Milady, Ophelia, Sunburst, Mrs. Aaron Ward, Killarney, Double White Killarney, White Killarney, Killarney Brilliant, Mrs. George Shawyer, Mrs. Moorfield Storey, Champ Weiland, Lady Alice Stanley, Mrs. William Randolph Hearst and Francis Scott Key are to be had in quantity and there is also a fairly good supply of stock in the other varieties grown for this market not mentioned here, including some of the newer roses which the dealers have not yet started to advertise. The miniature roses, Cecile Brunner, George Elgar, Baby Doll and Fireflame, are included in the offerings. Lilies are in better supply and are in good demand. Gladioli are still reaching the market in large quantities and the same holds good for asters and other miscellaneous outdoor stock. Carnations are arriving in larger numbers and so are chrysanthemums, but so far the receipts consist almost exclusively of the early yellow varieties. Green goods of all kinds are in adequate supply and several of the dealers are now accepting orders for wild smilax for delivery on two days' notice. The supply houses are having a big call for stock and report a substantial increase over

the sales for September so far compared with the same period of last year.

PARK EXAMINATION FOR FLORISTS.

The civil service board of the West Chicago park commissioners will hold an examination at the Garfield park pavilion, October 3, 1916, at 9:00 a. m., for the position of florist, class G, rank 2, open to men over 21 years of age, regardless of residence. The original entrance pay is \$80-\$90 per month. The duties of the florist are general work in the conservatory and propagating house and in the outdoor gardens throughout the park system. Subjects of the examination are as follows: Special subject, an oral and practical test in exhibition greenhouse work and written questions on the care and propagation of plants and general greenhouse operations, weight of 6; experience, weight of 3; physical, weight of 1. Applications must be filed in the office of the civil service board in Union park, before 5:00 p. m. October 2, 1916. Blanks may be obtained at the office of the board in Union park or at the West park playgrounds.

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

LARGE QUANTITIES

BEAUTIES AND RUSSELLS

Ophelia, Sunburst, Killarney, White Killarney, Champ Weiland,
Milady and other Roses mentioned in the price list below.

Fancy Lilies, Asters, Gladioli, Valley and Complete Line of Greens.

Current Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems	\$4.00
36 to 48-inch stems.....	3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.00
Short .....	.75

	Per 100
Richmond.....	
Killarney.....	
White Killarney.....	
My Maryland.....	
Sunburst.....	
Ophelia.....	
Milady.....	
Champ Weiland.....	
Extra select	\$8.00
Select	6.00
Medium	5.00
Short	4.00

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$2.00
Select	1.50
Medium	1.00
Short	\$0.50 to .75

	Per 100
Roses, our selection.....	\$ 3.00
Asters	\$ 1.00 to 3.00
Carnations	2.00
Gladioli	3.00 to 6.00
Harisli	10.00 to 12.50
Valley	4.00 to 5.00
Adiantum	1.00
Asparagus, per bunch .....	.50 to .75
Ferns, per 1,000	\$2.00

2,000,000 Feet of Modern Glass

Mention the American Florist when writing

NOTES.

F. Kottrasch, proprietor and A. Kott-rasch, manager of the Deerfield Nurseries, Deerfield, have rented the F. F. Scheel greenhouses at Shermerville and have already taken possession. The Scheel range consists of five houses, 27x200 feet, and is devoted principally to carnations and chrysanthemums. The Kottrasch Brothers will continue to operate the old place upon which they have built up quite a reputation as gardenia growers. They have a new strain of winter flowering sweet peas of the ruffled type that they will show at some of the fall shows, and those who have had the pleasure of inspecting them last year are of the opinion that they are especially worthy of attention.

Percy Jones, Inc., is receiving daily shipments of large fancy chrysanthemums and also some very fine sweet peas for this season of the year. The writer in looking over a list of the members of this city's foremost business organizations finds that the name of H. Van Gelder, president of Percy Jones, Inc., appears in a great many cases, including that of the Chicago Association of Commerce and also the Illinois Athletic Club. It may also interest the trade to know that Luke Schrer, one of Mr. Van Gelder's salesmen, and whose ability as a runner is well known, especially to those who have attended the club picnics, is one of the I. A. C.'s crack quarter-milers.

W. N. Rudd and wife have returned from Norfolk, Va., where they attended the annual convention of the American Association of Park Superintendents and report an enjoyable holiday. Mr. Rudd was elected vice-president

ATTENTION!

GROWERS OF CARNATIONS

PRODUCERS of high grade Carnations will find it to their advantage to consign their stock to us for we have a good market for same and need a larger regular supply. If you grow any other miscellaneous stock along with your Carnations, you may ship it to us also. You may start shipping immediately or as soon as your stock is ready to cut.

J. A. BUDLONG

WHOLESALE FLORIST

184 N. Wabash Avenue,

CHICAGO, ILL.

of the association. Miss Phyllis Rudd has returned from Colorado, where she has been spending the summer.

The funeral of Benjamin Sammons, vice-president of the Corn Exchange National bank, who died last week, probably brought out more high grade flowers than have been seen at any similar event in this city, most of the prominent retailers being represented in the work.

Homer Lange, son of August Lange, now employed at the store, played in the golf tournament of the Associa-

tion of Commerce at Muskegon, Mich., September 9, making a good record.

Mrs. P. J. Foley and her father-in-law, who were in the wreck of the Chicago, Milwaukee & St. Paul Railroad last week, enroute to Montana, escaped injury.

Vaughan's Seed Store is distributing a carload of French bulbs this week. Chinese narcissus (Joss Lilies) are moving freely.

G. F. Sykes, of the Lord & Burnham Co., is home from an eastern business trip.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

We are now cutting heavily in Ophelia and other roses of unsurpassed quality and can take splendid care of you in what you need in this line.

Current Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.	Per doz.
Long stems	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
18-inch stems	2.00
12-inch stems	1.50
White—KILLARNEY—Pink.	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00

RICHMOND	Per 100
Extra Special	7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00
OPHELIA.	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Good	3.00
SUNBURST.	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Good	3.00

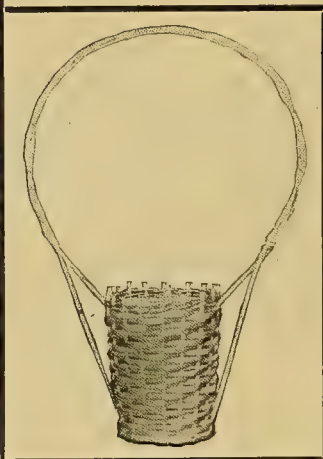
GEORGE ELGAR	35c per bunch
ROSES, OUR SELECTION	\$3.00 PER 100.
LILIES.	Per 100
Fancy	\$10.00 to \$12.50
Miscellaneous.	
Ferns, per 1,000	2.00 to 2.50
Smilax, per doz.	2.00
Adiantum	1.00
Sprengeri, per bunch ..	.50
Asparagus Sprays, bunch ..	.50
Other Green Goods	Market Rates.

The employees of the George Wittbold Co.'s establishment at Lake View and the greenhouses at Edgebrook held a picnic at the latter place last Sunday, September 10, and it is needless to add that everyone present had a most enjoyable time. Refreshments and luncheon were served and the principal event on the programme was the baseball game between the Lakeview team and the Edgebrook nine, which was lost to the city team in the ninth inning by a close and exciting score of 9 to 6, which only partly wipes out the terrible trimming the greenhouse boys gave them last year when they won the game by a score of 30 to 1. Allie Zech acted as scorekeeper and Fred Ottenbacher and Michael Freres, of the Zech & Mann force, were present to see that he was protected sufficiently in case of any dispute, but fortunately the game was not marred by any wrangling, even though both teams were set on winning the contest. Ed Armstrong captained the city team and Bill Schuett the Edgebrook aggregation, and considering that neither team had much practice they played like big leaguers, and it was a contest worth going miles to see. The following was presented to the umpire before the game, which insured a square deal to all: Should you arouse the ire of either team in giving a blind man's decision it has been moved and seconded by all the players to assassinate and bury you on the spot and place the empty refreshment kegs on your grave as a monument and warning to your successor. The umpire heeded the warning. "Nuff sed."

A. Henderson & Co. have engaged Joe Marks to represent them in northern and eastern territory, and he will be in their employ on and after September 16. Mr. Marks is well and favorably known to the trade and will give a good account of himself in his new position. Guy Reyburn, one of the members of A. Henderson & Co., will continue to represent his house in the west and south, and Mr. Henderson will be on the job as usual at headquarters, which is a sufficient guarantee that all orders entrusted to their care will receive the same careful and prompt attention as in the past.

A. L. Vaughan & Co. report an unusually good season with the sales during the month of August, showing an increase of more than \$1,000 over the same period of 1915. This firm is handling a large regular supply of

THREE BIG BARGAINS



25 SMALL CUT FLOWER BASKETS, \$7.50
Suitable for pompons, etc.

25 MEDIUM CUT FLOWER BASKETS, \$15.00
Suitable for roses, carnations, etc.

25 LARGE CUT FLOWER BASKETS, \$19.00
Suitable for American Beauty and Mrs. Chas. Russell roses, chrysanthemums and other long stemmed cut flowers.

Order as early as possible so as to avoid any possible delay in shipment. Wire in your order today and we will send it out on the next train. Hurry!

Send for our latest Catalog—just off the press.
You need it—a postal will do.

RAEDLEIN BASKET CO.

713 Milwaukee Avenue,

CHICAGO

choice American Beauty roses, which are in good demand and clean up completely every day.

A. T. Pyfer & Co. are pleasing their trade with a fine grade of roses, particularly Mrs. Chas. Russell, which they are cutting in quantity. Mr. Pyfer reports the arrival this week of a large importation of Dutch and French bulbs at the Pyfer & Olsem establishment at Wilmette.

A. T. Hey is now one of the A. L. Randall Co.'s traveling representatives. His connection with this concern will not interfere with the A. T. Hey Floral Co.'s business at Maywood, which is going along as usual and is in charge of competent help.

P. W. Peterson, superintendent of the J. D. Thompson Carnation Co.'s greenhouses, and Heaton Nichols, of Joliet, motored here September 7, returning home the same evening.

Erne & Klingel are handling a large supply of fancy asters which compare most favorably in quality with the best stock that has been offered in this market this season.

Ed Vilter is back from a two weeks' vacation in Michigan and is again attending to his duties as shipping clerk at Zech & Mann's establishment.

Chas. W. McKellar says that with the exception of a few Cattleya Harrisoni, he has nothing to offer in orchids, which are very scarce.

Mrs. John J. Richter, with J. J. Leborius, Duluth, Minn., is spending her vacation with relatives at Highland Park.

George Collins, superintendent of Henry Smith's greenhouses at Grand Rapids, Mich., was here on a visit this week.

A. Miller, of the American Bulb Co., is calling on the eastern trade.

Remember

that we are headquarters for American Beauty roses and can supply you with what you need all through the season at reasonable market prices.

CURRENT PRICE LIST—Subject to Change Without Notice.

Beauties.		Per doz.
Long stems	\$3.00 to \$4.00	
30 to 36-inch stems	2.50	
20 to 24-inch stems	1.50 to 2.00	
15 to 18-inch stems	1.00	
12-inch stems .....	.75	

Mrs. Chas. Russell.

		Per 100
Extra fancy	\$15.00	
Good medium	\$10.00 to 12.00	
Good short	4.00 to 6.00	

Roses.

Ophelia, fancy	\$8.00 to \$10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00

		Per 100
Richmond, fancy	\$ 8.00	
" good	\$5.00 to 6.00	
" short	2.00 to 4.00	
White Killarney, fancy	8.00	
" good	5.00 to 6.00	
" short	2.00 to 4.00	
Ward, fancy	8.00	
" good	5.00 to 6.00	
" short	2.00 to 4.00	
Sunburst, fancy	8.00	
" good	5.00 to 6.00	
" short	2.00 to 4.00	
Killarney Brilliant, fancy	8.00	
" good	5.00 to 6.00	
" short	2.00 to 4.00	
Roses, our selection	3.00	

Carnations.

		Per 100
Special fancy	\$3.00	
Good	\$1.50 to 2.00	

Miscellaneous.

		Per 100
Easter Lilies, select	\$10.00 to \$12.50	
Orchids, Cattleyas, per doz. ..	10.00 to 12.00	
Valley	4.00 to 5.00	
Gladioli	2.00 to 6.00	
Asters	2.00 to 4.00	

Greens.

Asp. Plumosus....per string,	\$0.50
Asp. Plumosus Sprays..bunch,	\$0.35 to .50
Sprengel .....	.35 to .50
Adiantum	per 100, 1.00
Smilax, choice	per doz., 1.50 to 2.00
Fancy Ferns	per 1,000, 2.00 to 2.50
Galax Leaves	per 1,000, 1.00

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave. Chicago

Harry Breitmeyer and Wayne McLaughlin and wives, of Detroit, Mich., spent several days here last week, when most of their time was spent in visiting the leading retail stores and greenhouse establishments in this vicinity. Mr. Breitmeyer is general manager of John Breitmeyer's Sons and Mr. McLaughlin is associated with him in business. They are both promising young fellows and much more will be heard of them and their concern in the near future.

Wietor Bros. are looking forward to a brisk fall season and are starting to cut a fine supply of roses, particularly Mrs. Chas. Russell, Ophelia, Killarney, White Killarney and Sunburst. Their chrysanthemums and pompons are in splendid condition, and while they have not started to cut any of either yet, they will have their usual large supply to offer this season and will maintain their reputation as the largest chrysanthemum growers in the west.

The White House Florist, 140 South Wabash avenue, has been featuring some unusually fine chrysanthemums the past few weeks, which have been in good demand at retail, and were some of the finest flowers seen so far this season. Mrs. Wm. Kotsonis is again on duty at this store after spending a delightful vacation with relatives at Mt. Union, near Alliance, O.

O. A. & L. A. Tonner have a fine display of baskets and other supplies at their store, which is attracting the attention of the city buyers and has resulted in many sales. Mrs. Thos. Fogarty was a welcome visitor at this

Wholesale Cut Flowers—Greens and Supplies

Prices cheerfully submitted on whatever you need upon request.

O. A. & L. A. Tonner

30 E. Randolph Street,

Phone,
Central 6284.

CHICAGO, ILL.

GLADIOLI

Large supply of fancy stock in all the seasonable varieties.

M. C. GUNTERBERG, 158 N. Wabash Ave., CHICAGO, ILL.

establishment for the first time this week since her sisters moved into their present large quarters.

William Graham, manager of the Fleischman Floral Co., wife and daughter, will spend their vacation at Philadelphia, Pa., leaving some time next month. They will remain long enough to attend the marriage of their son and brother Hugh to Miss Catherine Haire, Tuesday, October 24.

Ed Eisner is now in the employ of Schiller the Florist and does the buying in the market for the three stores of this concern. After he is through with the market he helps out Reinhold Schiller at the downtown establishment.

The state fair opens at Springfield September 15. J. J. McComb, 3327 Potomac avenue, Chicago, is superin-

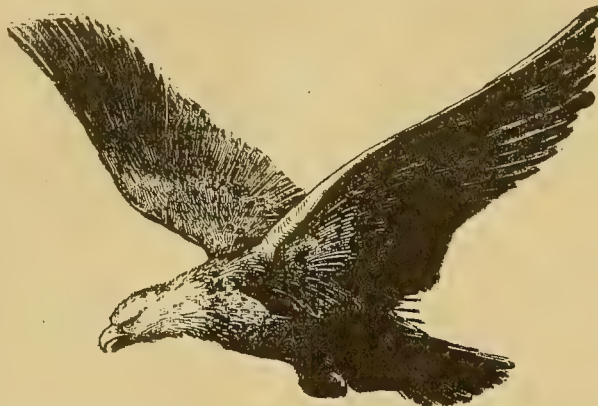
tendent of horticulture and John W. Shaw, Harrisburg, Ill., is superintendent of floriculture.

W. H. Johnson, of Crookston, Minn., was in the city this week buying supplies for the new store that he will open at 7 South Sixth street, Minneapolis, Minn., September 16, under the firm name of Johnson & Co.

Allen Humanson is calling on the trade in Illinois, Indiana and Kentucky for the Hilmer V. Swenson Company, dealers in special advertising service for retail florists.

Ed. Kalisch, of St. Louis, Mo., returned home Saturday, September 9, after spending several days here on pleasure and business.

Fred Longren started out on his fall trip this week.



SUPREME QUALITY FLOWERS

Russell, Ophelia, Sunburst Pink and White Killarney and Killarney Brilliant Roses, Asters, Chrysanthemums, Carnations and all other seasonable Cut Flowers and Greens at reasonable prices.

A. T. PYFER & CO.

WHOLESALE FLORISTS

30 East Randolph Street, CHICAGO, ILL.

Long Distance Telephone—Central 3373.

The A. L. Randall Company's new catalogue, "Modern Flower Shops," is ready for distribution. It is well illustrated and covers store fixtures pretty thoroughly with a complete write-up of Paul C. Schultz's magnificent Randall equipped establishment at Vincennes, Ind. The catalogue is free and will be mailed to anyone upon request. Casimer Guya, of the cut flower department, is back from a pleasant two weeks' visit at Mayfair.

Emil Reichling says that eight houses of Richmond and seven houses of Mrs. Chas. Russell roses, which have been resting at the Peter Reinberg greenhouses, will be started off for Christmas this week. Miss Marguerite Kane McNulty, who keeps the Reinberg books, is back from a delightful lake trip to Mackinac Island and Buffalo, N. Y.

J. A. Budlong is handling an increased supply of roses this season, which, together with their usual large supply of stock from their own range, will enable them to take better care of their customers than ever in the future. Their list of roses comprises a great many of the newer varieties, besides all the old favorite standard sorts.

T. E. Waters, manager of Poehlmann Bros. Co.'s supply department, will leave Friday, September 15, for the east, where he will stop at all the principal cities, particularly Philadelphia, Boston, New York and Buffalo. He is well known in the east and is anxious to meet all of his old friends.

The new store of the Chicago Florist at 35 East Adams street will present a much better appearance as soon as the finishing touches are added and will compare favorably with other loop stores. The proprietors are well pleased with business so far and are all ready to handle a big fall business.

Miss Lewis and Mrs. Krieger, with Mangel, the Palmer House Florist, have returned from their vacations and are again on duty. Miss Lewis visited in Colorado and Mrs. Krieger in Wisconsin and both report having had a most delightful time.

Andrew Chronis reports an improvement in the trade at the Alpha Floral Co.'s South Wabash avenue store this week starting with Saturday, September 9, when the sales showed a marked increase and have been good ever since.

Bassett & Washburn are cutting heavily in roses of all kinds and report a brisk demand for same. The shipping demand continues to be brisk at this house and the city trade is showing a big improvement this week.

Louis Wittbold says that the George Wittbold Co. has bought seven of the M. Weiland greenhouses, 25x200 feet, at Evanston and will remove them to Edgebrook, where their other greenhouses are located.

Carl Erickson, of Princeton, has placed an order with the American Greenhouse Manufacturing Company for a new palm house, 32x42 feet, and two greenhouses, one 32x100, and another, 38x100 feet.

Miss Esther Candrian and Ed Ahles, of the A. L. Randall Co., were married Wednesday, September 6, and are now making their home at 1315 Cornelia avenue.

Miss Lena McCauley, secretary of the Horticultural Society, will talk on the "Garden Beautiful" before the Englewood Culture Club, September 15.

W. J. Barnes, well-known retail florist of Kansas City, Mo., is here on a business trip, which is his first visit to this city since 1881.

Miss M. C. Gunterberg, who has been in the east since she attended the Houston convention, returned home this week.

YOUR COPY IS WAITING!

SEND FOR THIS BOOK

Modern Flower Shops

Top the World



Modern Flower Shops will help you plan a new store or modernize an old one.

It's a real book on the problems of equipment and arrangements which confront the florists.

Actual examples of what has been done and what can be accomplished are fully described and illustrated in color.

Reproductions of letters from users of Rando Equipment are shown.

Read what these people think of our service:—

BASSETT & WASHBURN, Chicago, Ill.

PAUL C. SCHULTZ, Vincennes, Ind.

GEO. WEINHOEBER, Chicago, Ill.

J. M. COCHRANE, West Pullman, Ill.

C. H. FISK, Chicago, Ill.

AND OTHERS.

Modern Flower Shops IS FREE.

SO ALSO IS THE SERVICE WHICH
BACKS IT UP.

SEND FOR YOUR COPY.

A. L. Randall Co.
WABASH AVE.
At Lake Street
CHICAGO, ILLINOIS.

WITH THE OPENING of the FALL SEASON

YOUR aim should be to furnish your customers with stock that will build up your trade. Give them the newest varieties there are in roses as well as all the best standard varieties. We are growing several new roses this season, which every up-to-date Retail Florist should not be without as they are business getters and money makers. To satisfy yourself on this score send us your orders for:

Mrs. Chas. Russell

Lady Alice Stanley

Mrs. W. R. Hearst

Ophelia

Sunburst

Milady

Mrs. Aaron Ward

Hoosier Beauty

Double White Killarney

Double Pink Killarney

Pink Killarney

Killarney Brilliant

MINIATURE NOVELTY ROSES

Cecile Brunner or Sweetheart—Baby Doll—George Elgar.

We never failed to take care of our customers during the extreme scarcity existing last spring. This year finds us situated better than ever to supply you, as we are receiving the output of several large new growers in this vicinity, together with the usual supply from our large range. Why not send your order to us where they are always sure to be taken care of?

VALLEY--LILIES

Our Blue Ribbon Brand speaks for itself.
Daily supply of Valley as well as Lilies.

CARNATIONS

We are getting in as good a grade as can be found in this market for this time of the season

CHRYSANTHEMUMS—Can supply in Yellow varieties.

The Gladioli and Asters which we are offering are exceptionally fine in spite of the extremely dry and hot summer.

Why Not Use The Best For Your Trade?

You can increase your profits and business by sending all your orders direct to

**Quality
Speaks
Louder
Than
Prices.**

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

**ROSES, VALLEY
& CARNATIONS
A Specialty.....**

**WHOLESALE
Grower of**

GUT FLOWERS

**Prices
As
Low
As
Others.**

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

August Poehlmann was elected president and treasurer of the Poehlmann Bros. Co. at a meeting held last week and Adolph Poehlmann, vice-president and secretary. John Poehlmann, Jr., was elected a member of the board of directors. This firm is cutting a splendid supply of American Beauty and Mrs. Chas. Russell roses, which are in splendid demand. Otto W. Frese says that stock in general has improved wonderfully in quality, especially the roses, since the cooler weather set in. Mr. and Mrs. Walter S. McGee, 5327 Ellis avenue, have the sympathy of the trade in the loss of their nine-year-old son, Alan James McGee, whose death occurred from injuries sustained Saturday, September 9, when his clothes caught fire from a gasoline explosion and he was severely burned about the body, dying shortly afterwards. The funeral was held Tuesday from the Presbyterian church, with interment at Oakwoods cemetery.

Julius Keller's wife and twelve-year-old son were found dead at their home in Hubbard Woods, Tuesday, Septem-

ber 12, with every gas jet in the house wide open. A coroner's jury returned a verdict of suicide while temporarily insane in Mrs. Keller's case and accidental death in that of the boy. Mr. Keller was a landscape gardener and has been missing since the tragedy.

The Briggs Floral Co. is enjoying a splendid season at both of its stores, 228 West Madison street and 801 Sheridan road. D. Papatony, the proprietor, pays strict attention to business and is ably assisted by Steve Notes, who looks after the north side establishment.

John Michelson, of the E. C. Amling Co., is on an eastern business trip which will include a visit to several of the large violet growing establishments at Rhinebeck, N. Y.

L. P. Harley, of Hartford, Mich., manufacturer of decorative foliage and natural prepared foliage, called on the trade here this week.

Paul Klingsporn, manager of the Chicago Flower Growers' Association, is as happy as happy can be over the

**Asparagus
Plumosus Sprays**
\$2.00 per 100.

E. E. Stone,

**WHOLESALE FLORIST
DICKINSON, TEXAS.**

arrival of a baby boy, Paul, Jr., last week.

Visitors: A. Herrington, New York; C. C. Switzer and wife, Frankfort; W. H. Prince, Iowa City, Ia.; Chas. Frueh, Saginaw, Mich.; Martin Reukauf, representing H. Bayersdorfer & Co., Philadelphia, Pa.; Frank B. Smith, Danville; S. E. Muntz and wife, Dubuque, Ia.; Mr. Eberhardt, of the Emporia Floral Co., Emporia, Kan.; B. Nichols, successor to A. M. York estate, Hancock, Mich.

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue L. D. Phone Randolph 631

CHICAGO

STEADILY INCREASING SUPPLY

Milady, Russell, Ward, Ophelia, Killarney and White Killarney roses, and All Other Seasonable Cut Flowers.

Chicago Florists' Club.

There was a good attendance at the September meeting of the florists' club, held at the Morrison hotel on the 7th inst., President Henderson in the chair. This was the first gathering after the summer recess, meetings having been suspended during July and August. In response to a request from the local committee, having in charge arrangements for the entertainment of the visitors during the convention of the Vegetable Growers' Association of America, to be held at the LaSalle hotel, this city, September 26-29, President Henderson appointed Fred Lautenschlager, E. F. Kurowski and P. J. Foley to co-operate with that body. Two new names were placed in nomination for membership, Emil Schnake and Martin Amling, Maywood, and Fred Longren was reinstated.

The feature of the meeting was a paper by Allie Zech on how to overcome the low prices of department stores in the sale of cut flowers. Mr. Zech's remarks, which will be found elsewhere in this issue, produced an interesting discussion in which John Michelson, Reinhold Schiller, George Asmus, Guy W. French, Peter Pearson, A. Henderson, August Jurgens and others participated.

Mr. Michelson said the main cause of low prices in this market was the enormous supplies coming to this central market from all points in times of plenty, and strongly urged the growers to withhold all low grade stock at such times, sending only the choicest to market, poor flowers not paying for packing and shipping when there is a glut.

Mr. Asmus thought a good deal could be done in the way of improving the quality of the stock and work offered, giving the customer what he demands in quality and service, regulating the prices to make a fair profit. He also urged the great value of flower shows in the education of the public to the proper use of flowers and to an appreciation of quality.

Messrs. French and Pearson advocated thorough advertising of specialties by their growers, believing this course would increase the demand of the legitimate retail florist and the public.

Mr. Henderson said the department stores could hardly be blamed for their low-priced flower sales and that similar action of the management of these institutions in other lines was beneficial to the legitimate dealers.

A. Herrington of Madison, N. J., was a welcome visitor and made a short address on the Pittsburgh flower show, to be held in that city next June under the auspices of the Garden Club of Allegheny County. Mr. Herrington

is manager of the show and requested the co-operation of club members, distributing copies of the preliminary schedule.

Reinhold Schiller has undertaken to provide a speaker on florists' advertising for the next meeting.

Milwaukee.

QUALITY OF STOCK SHOWS IMPROVEMENT.

With very favorable growing weather, for the days are warm and the nights cool, the supply of indoor stock, especially roses, has increased enough so that there is no shortage to speak of any more. With a shower now and then, the late asters are showing a marked improvement in quality, but in comparison with other seasons, they are not what they might be; there are more than enough poor ones coming in. All kinds of lilies, as well as green goods, are holding their own. The supply of new carnations is still very limited, and the same can be said of chrysanthemums.

NOTES.

The florists' club meeting September 7 was well attended and enjoyed by most present as it was full of ginger and not, as in the past, a dull affair. Much agitation regarding the state fair, which takes place this week, was in evidence, and we hope the results will be satisfactory. John Ruppel, who conducts a retail store at North avenue and 35th street, was elected a member.

The Cudahy Floral Co. is just coming in with its first crop of American Beauties. This is about the only firm in the near vicinity of this city who still grow American Beauties on a large scale. Their supply of Ophelia and Cecile Brunner roses is also increasing day by day.

John Bourgaize, of Racine, Wis., who in the past was a buyer and frequent visitor in this market, committed suicide September 8, by hanging, in his greenhouse. He was 60 years old. Up to this time it could not be learned what induced him to do the rash act.

The C. C. Pollworth Co. cut their first carnations and October Frost chrysanthemums on September 11. They report the arrival of French bulbs, while the Dutch varieties, owing to decreased transportation facilities, are still on the way.

The Wauwatosa Floral Co. is consigning its first Golden Glow chrysanthemums to Holton & Hunkel Co. The latter firm is cutting a good daily supply of Pink and White Killarney, besides good Russells, Ward and Ophelia roses.

Born, to Bryant Seeley and wife, a baby girl, September 5. Mr. Seeley is

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 NO. WABASH AVE., CHICAGO
Telephone Central 466

with the Gust Rusch & Co. This firm reports business good, cleaning up every day.

H. W. Koerner, the gladiolus and dahlia specialist of Wauwatosa, is again cutting quantities of gladioli of good quality these days.

Nic Zweifel and family returned September 6 from Cedar Lake, where they spent the best part of the summer. E. O.

Wichita, Kan.

TRADE SLIGHTLY ABOVE AVERAGE.

Moderate rains have at last broken the "dry spell" and greatly helped surviving outdoor stock, although much of the damage was beyond remedy. Business for August will probably be found slightly better than average for that month, which is not saying much for business at that, funeral work being the main item. Social affairs are picking up, and prospects are fair for a good autumn and winter season.

NOTES.

The improvements at Chas. P. Mueller's Main street store are making good progress. They include the extension of the store building 60 feet to the alley. This provides much additional workroom and storage space. Above this, and reached by stairs leading from the store, is a splendid conservatory, 25 feet wide, covered with an iron truss-framed roof glazed with ground glass. The heating for conservatory and store will be supplied by a new boiler set in the roomy basement. Large doors at rear will permit the auto delivery cars to enter the building for loading and shelter.

Mrs. Frank Cluff has returned from several weeks' vacation in the Rockies, her trip including Yellowstone park and other points of interest.

W. H. Culp & Co. are showing an interesting line of art flower bowls, holders and vases.

Chas. P. Mueller has added a line of canary birds and cages at his Douglas avenue store.

Visitors: Geo. Dysinger, Ionia, Mich.; John Evans, Richmond, Ind.; Clifford Pruner of Poehlmann Bros. Co., Chicago, and W. C. Hughes, Zanesville, Ohio. C.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

The Largest, Best Equipped,
Most Centrally LocatedWHOLESALE
CUT FLOWER HOUSE
IN CHICAGO

174-6 N. Wabash Ave., CHICAGO

L. D. Phones
CENTRAL 1977 and 1978.

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

HOERBER BROS.

Wholesale Growers of **Cut Flowers**

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave..

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.Wholesale Cut Flowers,
Florists' Supplies.

Advertising String

FOR TYING FLOWER BOXES

Write for samples and prices.

Chicago Printed String Co.,
309 S. LA SALLE ST., CHICAGO.

Carnations NEW CROP Asters

S. MURATA & CO.,

OLDEST AND MOST EXPERIENCED
SHIPPERS IN SOUTHERN CALIFORNIA.

751 S. Broadway,

LOS ANGELES, CALIF.

Mention the American Florist when writing

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST. Per doz.

Roses, Beauty, specials	\$4 00
" " 36-in.	3 00
" " 30-in.	2 50
" " 24-in.	2 00
" " 20-in.	1 50
" " 18-in.	1 00
Per 100	
" Mrs. Chas. Russell.....	\$4 00@15 00
" Beauty, short	4 00@ 6 00
" Hoosier Beauty	2 00@10 00
" Killarney Brilliant	2 00@10 00
" Killarney	2 00@10 00
" White Killarney	2 00@10 00
" Richmond	2 00@10 00
" Prince de Bulgarie.....	2 00@10 00
" Rhea Reid	2 00@10 00
" My Maryland	2 00@10 00
" Mrs. Geo. Sawyer	2 00@10 00
" Milady	2 00@10 00
" Sunburst	2 00@10 00
" Mrs. Aaron Ward	2 00@10 00
" Hadley	2 00@10 00
" Ophelia	2 00@10 00
" Double White Killarney..	2 00@10 00
" Mrs. Moorfield Storey ..	2 00@10 00
" Champ Weiland	4 00@10 00
" Stanley	3 00@10 00
" Tipperary	3 00@10 00
" Frances Scott Key	3 00@10 00
" Bayard Thayer	3 00@10 00
" Cecile Brunner	2 00@ 3 00
" George Elgar	2 00@ 3 00
" Baby Doll	2 00@ 3 00
" Fireflame	4 00
" Our selection	3 00
Carnations..... per doz., 10 00@12 00	1 00@ 3 00
Cattleyas..... per doz., 2 00@ 4 00	2 00@ 4 00
Chrysanthemums..... per doz., 2 00@ 4 00	2 00@ 4 00
Asters.....	3 00
Dahlias.....	10 00@12 50
Lilium Harrisii.....	3 00@ 6 00
Valley.....	1 00@ 1 50
Adiantum Croweanum.....	1 00@ 1 50
Ferns..... per 1000, 2 00@2 50	
Galax..... 1 00@1 25	
Leucothoe.....	75@ 1 00
Mexican Ivy..... per 1000, 5 00@6 00	
Plumosa Strings..... each, 60@ 75	
Smilax..... per doz., 2 00@2 50	
Sprengeri, Plumosa Sprays	3 00@ 4 00
Roxwood. 25clb per case.....	7 50
Wild Smilax..... per case, \$6.00	

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

Mention the American Florist when writing

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

Mention the American Florist when writing

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

Mention the American Florist when writing



Mention the American Florist when writing

FOR YOUR FALL OPENING DAHLIAS

The Most Popular Flowers at This Time.

We offer you a large variety and flowers of the best quality. \$2.50 to \$4.00 per 100.

THE LEO NIESSEN CO.,

1201-5 Race St., Philadelphia, Pa.

Philadelphia.

GOOD QUALITY STOCK IS SCARCE.

The supply of flowers of the highest grades is below the demand; quite a lot of inferior stock, but which like the "also rans," brings very little. Anything white goes out at once and the cry is for more; the man with a patch of Double White petunias could this season, have satisfied his heart's desire out of the profits—they are old-fashioned, but would have fitted in almost anywhere this year. Good asters are still scarce. Good inside stock is coming from a number of growers, but it hardly ever sees the refrigerator, there never being enough for the orders. Roses are improving in quality and several new growers are starting in each week. Very good American Beauties are seen and sell pretty well. Ophelia is still a leader, and Shawyer is also good. All white roses are portioned out on arrival. Gladioli have sold very well this season and still continue in demand. Easter lilies soared last week, getting up to \$12.50, and even \$15.00. It was said the warm weather of the week before brought all the crops in at once. They promise to be easier this week. The first Golden Glow chrysanthemums are in, later than usual. Dahlias are now to be had in limited quantities; the regular demand will open up next week and from then until frost, they will have their day and dominate the market. Lily of the valley and cattleyas are still scarce and are held for the elite. Cosmos is fine and a great help.

September 11.—The week opens with much heavier shipments, all lines of stock seeming to be much more plentiful, particularly roses, the growers apparently thinking to be able to dispose of their flowers on a market that has for so long been bare of so many other things. Asters are also much more plentiful, there being large shipments of greenhouse stock. Easter lilies, so scarce last week, are now to be had in quantity and the quality is fine.

NOTES.

Mr. Liggett, chief of the S. S. Penock-Meehan Co.'s plant department, says that a number of the florists of this city stand in their own light in almost throwing choice stock away or selling it at ridiculously low prices. Scarce and quick moving plants of this season, have been, Pandanus Veitchii and Ficus elastica; of the former well established plants in 6-inch pots will readily bring \$1 each, yet some growers are satisfied to let them go at 50 cents. Ficuses that should bring 50 cents are sold as low as 25 to 35 cents, when the full prices are just as readily obtained. In these days of increasing cost of labor, and everything that enters in the carrying on of the business, it is hard to see why men with intelligence enough to grow good stock should not be able to realize its value. Better stiffen up the back bone a little, there is a cold, hard winter on the way.

John A. Rupert, of the H. A. Dreer force, reported a cessation of shipping when danger of the strike menaced, but now orders are going out by the carload to reach destinations before the cold weather sets in. Retail florists, particularly, are ordering ahead, seeming to anticipate a splendid season.

Wholesale Flower Markets

BUFFALO, Sept. 13.		Per 100
Beauty Special.....	20	00@25 00
" Fancy.....	15	00@20 00
" Extra.....	10	00@12 00
" First.....	8	00@10 00
" Second.....	2	00@ 4 00
Roses, Killarney.....	3	00@ 6 00
" White Killarney.....	3	00@ 6 00
" My Maryland.....	3	00@ 7 00
" Sunburst.....	3	00@ 6 00
" Ward.....	2	00@ 5 00
" Shawyer.....	3	00@ 6 00
Lily of the Valley.....	4	00@ 6 00
Lilies.....	8	00@10 00
Cattleyas.....	40	00@50 00
Carnations.....	1	00@ 2 00
Gladiolus.....	2	00@ 4 00
Asters.....	1	00@ 3 00
Asparagus Sprengerii...	35@	50
Ferns.....	per 1000,	2 00
Smilax.....		15 00

CINCINNATI, Sept. 13.		Per 100
Roses, Killarney.....	2	00@ 6 00
" My Maryland.....	2	00@ 6 00
" Richmond.....	2	00@ 6 00
" Taft.....	2	00@ 6 00
Lilium Giganteum.....	8	00@10 00
Asparagus Plumosus, per bch., 25c		
Gladiolus.....	2	00@ 4 00
Asters.....	2	00@ 4 00
American Beauty, per doz.....	75@	3 00

BOSTON, Sept. 13.		Per 100
Roses, Beauty.....	20	00@25 00
" Killarney Queen.....	2	00@ 8 00
" White and Pink Killarney.....	2	00@ 8 00
" Double White Killarney.....	2	00@ 8 00
" Killarney Brilliant.....	4	00@10 00
" Hadley.....	4	00@10 00
" Cardinal.....	2	00@ 8 00
" Mock.....	6	00@12 00
" Mrs. Chas. Russell.....	6	00@12 00
" Sunburst.....	6	00@12 00
" Taft.....	2	00@ 8 00
" Milady.....	2	00@ 6 00
" Ward and Hillingdon.....	2	00@ 3 00
" My Maryland.....	50@	5 00
Cattleyas.....	50	00@75 00
Lily of the Valley.....	4	00@ 5 00
Sweet Peas.....	50@	1 00
Carnations.....	1	00@ 2 00
select.....	2	00@ 3 00

Dahlias are now a feature with the Leo Niessen Co.; but little stock is carried. Orders received one day are filled at the farm and delivered in original cases with the dew on the next morning. Choice American Beauties and other roses are also a feature.

The M. Rice Co. is moving into its new building and hopes to be housed from top floor to basement by September 25. This new structure is up to date in every respect and in its erection the firm has taken a great stride forward.

H. Bayersdorfer & Co., 1129-1131 Arch street, 1129 Appleton street, and 113 North 12th street, cover a lot of ground and still the cry is for more room. Their last shipload of Japanese goods is wonderfully fine.

The types became unmanageable in last week's report of the club meeting. It should have read, nomination for treasurer, George Craig, and for secretary, David Rust and Fred Cowperthwaite.

Stuart Miller does not desire as yet to be counted in with the big fellows, except that his orders go out just the same. Good Easter lilies are a feature.

Pansy and cyclamen seed is selling at a lively rate over the H. F. Michell Co.'s counters. Great quantities of bulbs are also handled daily.

Edward Reid is strong on white roses, which have been very scarce. Good asters are also featured.

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

**226 DEVONSHIRE STREET,
BOSTON, MASS.**

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

**American Beauties,
Orchids,
Valley, Carnations.**

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

ROSES, ORCHIDS, VALLEY

A full line of Summer Flowers

Always high grade Easter Lilies

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

**STUART MILLER, WHOLESALE
FLORIST**

Always Seasonable Flowers

Orchids, Valley, Roses, Asters, Gladioli,
Easter Lilies, Hydrangeas.

Unexcelled Opening for Carnation Consignors for the Coming Season.

ONE BLOCK FROM EXPRESS OFFICE
1617 Ranstead Street, PHILADELPHIA, PA.

The Philadelphia Wholesale Florists' Exchange is first in with Golden Glow chrysanthemums. Russell and Shawyer roses are also a feature.

The Jos. Heacock Co. will open its Ranstead street store about September 20. A splendid stock of roses is assured the coming season.

Berger Bros. market is gay with choice asters, they having several consignors of indoor stock. Easter lilies are in again after a skip.

Visitors: Wm. Crawl, Monessen, Pa.; Tim Waters, of Poehlmann Brothers Co., Chicago; F. C. Suchy, wife and son, of San Antonio, Tex., who motored here in their Pierce-Arrow car. K.

C.C. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and Greens

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower ship-
pers in MINNEAPOLIS. Let us sup-
ply your wants. If it is on the mar-
ket we can furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

1016-1018 McGee Street
KANSAS CITY, MO.

Mention the American Florist when writing

Extra Quality Pink and White Killar-
ney, Richmonds, American Beauties,
Fancy Carnations, Yellow Daisies,
Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock
Killarney, Sunburst and others.
CATTLEYS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Philadelphia Wholesale Florists' Exchange

High Grade Roses, Gladioli, Asters, Easter Lilies
and other Seasonable Flowers.

Up-to-the Minute Service. Satisfaction Guaranteed.
1615 Ranstead St., Philadelphia, Pa.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in
FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 206

444-446 Milwaukee St., Milwaukee, Wis.

New Fancy Ferns

Special picked. Leave your regular orders with us.

Fancy Lily of the Valley, Orchids, Gladioli, Lilies and all other seasonable flowers.

FLORISTS' SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

Wholesale Florist.
C. A. KUEHN, 1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Sept. 13.	Per 100
Roses, Beauty, extra.....	20 00@25 00
first.....	10 00@15 00
Mrs. Chas. Russell.....	6 30@10 00
Killarney.....	2 00@ 4 00
White Killarney.....	2 00@ 6 00
Liberty.....	2 00@ 6 00
Hadley.....	4 00@12 00
Sunburst.....	3 00@ 8 30
Ophelia.....	3 00@ 8 00
Hoosier Beauty.....	4 00@12 00
Carnations.....	1 00@ 2 00
Cattleyas.....each, \$0 75@ 1 00	
Lilium Harrison.....	6 00@ 8 00
Asters.....	2 00@ 4 00
Gladiolus.....	2 00@ 6 00
Larkspur.....	4 00@ 6 00
Dahlias.....	1 00@ 4 00
Valley.....	4 00@ 6 00
Asparagus.....per bunch, 50	

PITTSBURGH, Sept. 13.	Per 100
Roses, Beauty, special.....	25 00
fancy.....	20 00
extra.....	15 00
No. 1.....	8 00
Killarney.....	2 00@ 6 00
My Maryland.....	2 00@ 6 00
Sunburst.....	2 00@ 6 00
Mrs. Aaron Ward.....	2 00@ 5 00
Cattleyas.....	40 00
Lilium Giganteum.....	8 00
Carnations.....	1 00
Adiantum.....	1 25
Asparagus Sprengeri, per bunch, 35@40	
Asters.....	1 00@ 2 00
Gladiolus.....	2 00@ 4 00
Lily of the Valley.....	4 00
Dahlias..... 2 00@ 4 00 per 100	

MILWAUKEE, Sept. 13.	Per 100
Roses, Killarney and W. Killarney.....	3 00@ 8 00
Ward.....	2 00@ 6 00
Mrs. Chas. Russell.....	5 00@20 00
Ophelia.....	3 00@ 8 00
Hoosier Beauty.....	3 00@10 00
Lilies.....	10 00@12 50
Cattleyas.....per doz., 6 00	
Carnations.....	1 00@ 2 00
Snadragons.....doz., \$0.25@ \$0 50	
Gladioli.....	2 00@ 3 00
Rubrum.....	3 00
Valley.....	4 00@ 6 00
Asters.....	1 00@ 3 00
Chrysanthemums.....	2 00@ 2 50

DAVID WELCH EDWARD J. WELCH

WELCHS' WHOLESALE AND COMMISSION FLORISTS

FLORISTS' SUPPLIES

280 and 282 Devonshire St.,
BOSTON, MASS.

Consignments of Beauties, Lilies of the Valley,
Orchids and all other flowers received daily.

Telephone—Court Hill 2964, 2965.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist.

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

ST. LOUIS, Sept. 13.	Per 100
Roses, Killarney.....	1 00@ 4 00
White Killarney.....	1 00@ 4 00
Aaron Ward.....	1 00@ 4 00
Sunburst.....	2 00@ 6 00
Ophelia.....	2 00@ 5 00
Cecile Brunner.....	1 00@ 2 00
Richmond.....	1 00@ 2 00
Mrs. Chas. Russell.....	3 00@ 8 00
Valley.....	4 00
Lilies.....	10 00
Asparagus Plumosus, per bu., 25@75	
Ferns.....per 1000, 1 50	

ENGLISH

Guaranteed Two-Year-Old, Low Budded

BEEES' ROSES ARE AMAZ

Top growth alone is not a safe criterion of the value of a rose tree to you. True, you must have vigorous and healthy branch and leaf development in order to insure a solid foundation for the subsequent life of the tree. But these things are often procured in highly-fed soils where the formation of root fibre is retarded or negated. When you get such trees into your forcing or flowering beds, there is a long pause before the roots become acclimatised, so to speak. This is due to the fact that the necessary equipment of feeding fibres, which will enable the trees to go straight on with their work, does not exist. Abundance of root fibre was not necessary in the period of forced growth in heavy over-fed soil, consequently Nature did not provide it. The result is a fat lazy tree, of actually less value to you than a starveling.

What you want is a tree that has more or less of a struggle for existence—that has had to work for its living; a prize-fighting-boxer sort of tree, that is trained up to the last ounce. You can get such trees under suitable conditions. They are grown by the million on Bees' 200-acre farm in North Wales, England. Bees' Nursery is part of a huge plain situated on the banks of the River Dee, within hail—almost—of Chester, on the one hand, and Mount Snowdon on the

PRELIMINARY OFFER. Prices per 100.

DWARFS.

Abel Carriere (H.P.)	\$7.75
Aennchen Muller (D. Poly.) ..	7.75
Admiral Ward	12.00
Alexander Hill Gray	9.50
Alfred Colomb (H.P.)	7.75
Anna Olivier (T.)	9.50
Antoine Rivoire (H.T.)	9.50
Arthur R. Goodwin (Per.)	8.25
Avoca (H.T.)	7.75
Ben Cant (H.P.)	7.75
Bessie Brown (H.T.)	7.75
Betty (H.T.)	9.00
Brilliant (H.T.)	9.50
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Captain Hayward (H.P.)	7.75
Caroline Testout (H.T.)	7.75
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Coronation (H.P.)	10.75
Countess of Derby (H.T.)	8.25
Countess of Shaftsbury (H. T.) ..	8.25
Cynthia Forde (H.T.)	8.25
Dean Hole (H.T.)	8.25
Dr. O'Donel Browne	8.25
Dorothy Page Roberts (H.T.) ..	9.50
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Duchess of Wellington (H.T.) ..	9.50
Duke of Edinburgh (H.P.)	7.75

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Dupuy Jamain (H.P.)	\$7.75
Earl of Gosford (H.T.)	8.25
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Ecarlate (H.T.)	8.25
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Edu Meyer (H.T.)	8.25
Edward Bohame (H.T.)	25.00
Edward Mawley (H.T.)	9.50
Ellen Poulsen (D. Poly.)	8.25
Erna Teschendorff (D. Poly.) ..	8.25
Ethel Malcolm (H.T.)	8.25
Eugene Lamesch (D. Poly.) ..	9.50
Fabvier (C.)	8.25
Fisher Holmes (H.P.)	7.75
Florence H. Veitch (H.T.) ..	9.50
Frau Karl Druschki (H.P.) ..	7.75
General MacArthur (H.T.) ..	8.25
General Jacqueminot (H.P.) ..	7.75
G. C. Waud (H.T.)	8.25
George Dickson (H.T.)	9.50
Georges Elger (D. Poly.)	9.50
Gloire de Chedane Guinoisseau (H.P.)	7.75
G. Nabonnand (T.)	8.25
Gorgeous (H.T.)	25.00
Gruss an Teplitz (H.T.)	8.25
Gustave Grunewald (H.T.) ..	8.25
Gustave Regis (H.T.)	9.50
Harry Kirk (T.)	9.50
Helen Keller (H.P.)	7.75
H. E. Richardson (H.T.)	8.25
Hoosier Beauty (H.T.)	25.00
Horace Vernet (H.P.)	7.75
Hugh Dickson (H.P.)	7.75
H. V. Machin	14.40
Irish Elegance (H.T.)	8.25

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Irish Fireflame (H.T.)	\$14.40
J. B. Clark (H.T.)	8.25
Jessie (D. Poly.)	7.75
Jonkheer J. L. Mock (H.T.) ..	8.25
Jos. Hill (H.T.)	9.50
Juliet (H.B.)	8.25
Katherine Zeimet (D. Poly.) ..	7.75
Killarney (H.T.)	7.75
King Edward VII (D. Poly.) ..	8.25
King George V (H.T.)	9.50
Lady Alice Stanley (H.T.) ..	8.25
Lady Ashtown (H.T.)	8.25
Lady Dunleath (H.T.)	10.75
Lady Hillingdon (T.)	9.50
Lady Mary Ward (H.T.)	9.50
Lady Penzance (H.S.B.)	9.50
Lady Pirrie (H.T.)	9.50
Lady Roberts (T.)	9.50
La France (H.T.)	8.25
La Tosca (H.T.)	8.25
Leonie Lamesch (D. Poly.) ..	7.75
Leslie Holland (H.T.)	9.50
Liberty (H.T.)	8.25
Lieutenant Chaure (H.T.) ..	9.50
Lucy Bertram (H.S.B.)	9.50
Lyon Rose (H.T.)	8.25
Mabel Drew (H.T.)	10.75
Mme. Abel Chatenay (H.T.) ..	8.25
Mme. Collette Martinet (H.T.) ..	25.00
Mme. Constant Soupert (T.) ..	9.50
Mme. Chas. Lutaud	10.75
Mme. Edouard Herriot	9.50
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Mrs. A. R. Waddell (H.T.)	9.50
Mrs. Charles Curtis Harrison (H.T.)	8.25
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Mrs. Cornwallis West (H.T.)	8.25
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Mrs. Edward Mawley (T.)	9.50
Mrs. E. G. Hill (H.T.)	8.25
Mrs. Foley Hobbs (T.)	9.50
Mrs. Forde (H.T.)	9.50
Mrs. Fred Straker (H.T.)	9.50
Mrs. G. Shawyer (H.T.)	9.50
Mrs. F. W. Vanderbilt (H.T.)	9.50
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MARKET LACKS GINGER.

The business of the past week was dull. Having made a poor start on Labor day, there was but little ginger in it throughout the week. A strike on the street car lines has now been dragging along for several days, but there has been no great inconvenience to business. Nearly everybody seems to be wanting higher pay. Even our modest New York contemporary wants more money. Excepting roses, which are more plentiful and are somewhat cheaper, all good stock is bringing good prices. Lilies hold up to \$8 and \$10 per 100, lily of the valley, \$4 and \$6, and asters, \$2 to \$4. Gladioli are not as plentiful as they were a few weeks ago and prices have stiffened, the best stock wholesaling at \$2 per 100 and upward. It is yet warm weather for chrysanthemums and dahlias, but there is a movement in both, although the supply of chrysanthemums is very limited. So far as we have been able to observe, and judge from reports that have come in, the carnation crop, or a part of it, in this state and in New Jersey, will be late. Many plants were lost in the field and there has been considerable loss since planting. Many plants were small when taken up and all growers know the difficulty in coaxing along a small carnation plant. At this writing the number of growers who would buy good carnation plants is much larger than of those who have them to sell. We believe that some of the Long Island growers have good crops but we have heard of no surplus worthy of note. At several ranges recently visited, the chrysanthemums look promising, but we do not expect to see many in the market this month. The plant auctions have started, and from now on, plants will be coming to the front.

September 11.—The week opens with rather quiet business. American Beauties and the inferior stock of tea roses are much cheaper. Lilies and lily of the valley are firm. The orchid crop is beginning to arrive and prices are falling. Good asters sell well, but there is considerable rubbish in asters as well as some other stocks, that is practically unsalable.

NOTES.

At a time when a lot of men are striking, or threatening to strike, and when supposedly business men are uttering mournful wails about the "high cost" of everything and incidentally, trying to "soak" the public to make it up, it is interesting to find a man who is not complaining, but by enterprise and attention to business is making good. These were our thoughts a few mornings ago when we called on Robert MacNiff, president of the MacNiff Horticultural Company. We found a real artist at work on a sign 8x12 feet. He had finished a Dutch boy, life size, carrying a pan of tulips, which were painted in natural colors. In large letters was the following: "European powers have placed an embargo on bulbs and plants during the war. Holland must look to U. S. for the disposal of her products. You can buy the finest Holland grown bulbs and plants at less than production cost." This sign was placed on a blank wall at Greenwich and Vesey streets in full view of the elevated railway.

We are perfectly willing that our New York contemporary shall think that it is the leader of thought hereabouts, but we will not stand for it upsetting the calendar and turning back the wheels of time. It states, issue of September 9, that the dahlia show opens in this city, "Tuesday, September 15." Now, we know our

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calendar is a perfectly good one for it was sent us by Benjamin Hammond. It says that September 15 falls on Friday. We will add, that it has been generally understood that the dahlia show would open Tuesday, September 26, and continue to the 28th.

The strike of the street car employees has developed into a menace to business, and to life and property. The public does not seem to be greatly concerned over the merits of the controversy as neither the corporations nor the unions have come into it with clean hands. The public does, however, seriously object to the interference with its business. A good police force is all that is standing between the public and anarchy.

Johnson & Millang, Inc., Sixth avenue and 26th street, report steadily increasing business in bulbs and plants and feel encouraged over the outlook for their auction business, which started on September 12, and will continue as announced in another column. Miss Marie Kneudell, whose efficiency is well known, has charge of the office affairs.

At the wholesale store of Paul Meconi, Sixth avenue and Twenty-sixth street, we have recently noticed a fine variety of stock. He is now strong on orchids, gardenias and all the leading varieties of roses, such as Francis Scott Key, Russell and Ophelia. He has also good carnations, for the season, and a complete assortment of other stock.

In the forenoon of September 8, and up to 3 p. m., the temperature was up to 90 degrees. At 3 o'clock a thunderstorm, with a strong wind and a deluge of rain swept Manhattan and Brooklyn, and in five minutes the temperature was down to 77 degrees. The rain was very welcome as everything was drying up.

J. Jacobs, of the Marguerite Flower Co., 1192 Broadway, Brooklyn, who was recently operated on for appendicitis, is said to be doing well. He is in the Jewish hospital. During his illness, Max Zornow, a brother of his partner, is filling his place as buyer and manager for their several stores.

At the retail store called the "Blossom" which is on Livingstone street, Brooklyn, and conducted by Trepel & Bershad, we have recently noticed considerable activity for the season. Edward Lewis is the wide awake manager of this store, and the veteran Abe Hanig is buyer.

Edward C. Koenig, the retailer of 148 East 59th street, recently returned from an extended automobile trip through New England. He was ac-



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companied by Mrs. Koenig and their son, who is associated with him in the business.

William Iler, manager for E. C. Horan, 55 West 28th street, has just returned from a vacation of three weeks, which he spent with his family at Lake Mohonk, N. Y. He is one of the old reliables of the wholesale district.

Though business has of late been quite active with Young & Nugent, of 42 West 28th street, they have found time to repaint and decorate their store.

John Young & Co. are receiving very fine stock of the new pink rose Cleveland, which is being extensively grown by Charles H. Totty, Madison, N. J.,

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" " Francis Scott Key, special.....	8 00@10 00	
" " Mrs. Geo. Shawyer.....	75@ 6 00	
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" " Killarney, My Maryland.....	4 00@ 5 00	
" " " No. 1 and No. 2.....	50@ 2 00	
" " Queen.....	75@ 6 00	
" " Brilliant.....	75@ 6 00	
" " Aaron Ward.....	1 50@ 8 00	
" " Richmond.....	25@ 4 00	
" " Sunburst.....	75@ 6 00	
" " Taft.....	1 00@ 6 00	
" " J. L. Mock.....	1 00@ 8 00	
" " Ophelia.....	1 00@ 8 00	
" " Mrs. Chas. Russell.....	2 00@10 00	
" " Cleveland.....	1 50@ 8 00	
" " Hadley.....	2 00@10 00	
Cattleya Orchids, special.....each.....	75	
" " inferior grades.....	35@ 40	
Dahlias.....	1 00@ 1 50	
Bouvardia.....	2 00	
Rubrum.....	3 00@ 4 00	
Lilies, Longiflorum and Harrisii.....	6 00@ 8 00	
Lily of the Valley.....	4 00@ 8 00	
Gladiolus Panama.....	2 50@ 3 50	
" " inferior grades.....	1 00@ 2 00	
Asters.....	2 00@ 4 00	
Chrysanthemums.....per doz.....	1 50@ 3 00	
Adiantum Croweanum and Hybridum.....	40@ 50	
Asparagus Plumosus.....doz. bchs.....	2 00@ 2 25	
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William P. Ford is handling good stock of the Chrysanthemum Golden Glow; also, an exceptionally fine stock of asters.

Philip F. Kessler, in the Cut Flower Exchange, is handling very fine lilies.
A. F. F.

New York Florists' Club.

After a vacation of two months, this club renewed its activities on the night of September 11, in its rooms in the Grand Opera House building. There was a good attendance and much interest was manifested. Joseph A. Manda, the historian of the voyage from New York to New Orleans by steamer, and thence to Houston, gave an exhaustive description of the voyage, of the royal reception accorded the delegates by the New Orleans and Houston clubs, and many interesting details of the Houston convention. Secretary Young and J. R. Lewis also gave interesting talks on the convention. Votes of thanks were tendered both the Houston and New Orleans clubs for their handsome treatment of the New York delegates. The flower show committee, for the spring show, reported progress.

The meeting was noteworthy for the presence of many of the veteran members of the club; Patrick O'Mara, Charles Weathered, Frank Traendly, John B. Nugent, Charles H. Totty, Harry A. Bunyard and A. L. Miller were all there and enlivened the meeting by their sallies of wit and humor. A. L. Miller who, it will be recalled, is vice-president-elect of the S. A. F., was tendered a vote of thanks for his very liberal distribution of cigars and cooling refreshment.

President Weston appointed Patrick O'Mara, Frank Traendly and Walter F. Sheridan a committee to prepare resolutions on death of W. F. Kastling, and Chas. H. Totty, Peter Duff and Charles Knight a committee to prepare resolutions on death of Wm. Tricker.

Winifred Rolker, New York; C. Lowther, New York, and Henry Schmidt, North Bergen, N. J., were proposed for membership. John Canning, gardener for A. Lewisohn, Ardsley, N. Y., exhibited *Salvia farinacea*, white and purple.

The house committee furnished refreshments.

A. F. F.

Lord & Burnham's Recent Contracts.

The Lord & Burnham Co. reports good business for the past three months, having closed contracts as follows during that time:

One curved eaves iron frame conservatory, 10x14 feet, for C. J. Cole, Elkins Park, Pa.

One iron frame greenhouse, 50x150 feet, for R. M. Eisenhart, Torresdale, Philadelphia, Pa.

Complete erection of one iron frame glass swimming pool enclosure, 35x75 feet, and one iron frame greenhouse, 18x58 feet, for Alfred W. Gieske, Catonsville, Md.

One iron frame corrugated iron boiler house, 35x40 feet, for Richards Brothers, Toughkenamon, Pa.

One iron frame curved eaves conservatory, 11x17 feet, for Ludwig Fritz, Oak Lane, Pa.

Complete erection, one iron frame curved eaves greenhouse, 25x75 feet, for Charles S. Walton, St. David, Pa.

Complete erection of range of curved eaves iron frame greenhouses for Walter M. Jefford, Glen Riddle, Pa., consisting of one general growing house, 25x58 feet; one plant house, 25x42 feet; one rose house, 25x50 feet; one carnation house, 25x50 feet.

Complete erection of a range of iron frame curved eaves greenhouses for Irene duPont, Wilmington, Del., consisting of two greenhouses, each 25x42 feet; one curvilinear roof palm house, 25x42 feet, with glass passage connection to workroom.

One curved roof iron frame greenhouse, 18x42 feet, for James L. Autry, Houston, Tex.

Complete erection of one curved eaves iron frame conservatory, 16x34 feet, for A. C. Middleton, Moorestown, N. J.

Complete erection of range of iron frame curved eaves greenhouses for Leonard Richards, Havre de Grace, Md., consisting of one rose and one carnation house, 25x50 feet; one general growing house, 25x34 feet; also propagating house, one fern house, one orchid house and an ornamental curvilinear roof, lantern top palm house, 35x35 feet; also including service building complete with range of hot beds and cold frames.

Complete erection of iron frame curved eaves greenhouse, 18x50 feet, for Charles Luddington, Ardmore, Pa.

Complete erection of iron frame curved eaves greenhouse, 11x50 feet, for Bishop James A. McFaul, Trenton, N. J.

Complete erection of curved eaves iron frame greenhouse, 18x70 feet, for the Georgetown Visitation Convent, Washington, D. C.

Complete erection of curvilinear roof iron frame palm house for William N. Potts, Wyrebrook, Pa.

Complete erection of iron frame greenhouse, 50x135 feet, for the United States Department of Agriculture, Bureau of Plant Industry, Washington, D. C.

Complete erection of iron frame curved eaves greenhouse, 18x100 feet, for Audubon Park, New Orleans, La.

One curved eaves iron frame horticulture house, 25x75 feet, and one curved eaves iron frame horticulture house, 25x58 feet, same to be connected by a glass passage, 9x16 feet, to workroom building, for the Agricultural and Mechanical College, College Station, Tex.

One pipe frame greenhouse, 35x90 feet, for Charles E. Cook, Catonsville, Md.

Material for repairing four pipe frame greenhouses for A. Pericat, Collingdale, Pa.

One pipe frame greenhouse, 25x100 feet, for A. C. Stack, Laurel Springs, N. J.

One pipe frame greenhouse, 11x100 feet, for William K. Harris, Philadelphia, Pa.

Two pipe frame greenhouses, 28x150 feet, for H. O. Lentz, Norfolk, Va.

One pipe frame greenhouse, 25x100 feet, for the City of Houston, Houston, Tex.

One pipe frame greenhouse, 25x100 feet, for the Lawside Cemetery Co., Woodstown, N. J.

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One pipe frame greenhouse, 28x150 feet, for Frank A. Suter & Company, Lancaster, Pa.

Material for range of pipe frame greenhouses for Robert Craig Company, Norwood, Pa.

Material for pipe frame greenhouse, 25x60 feet, for Charles L. Smith & Sons, Penn's Grove, N. J.

Material for pipe frame greenhouse, 17x200, for Henry I. Faust, Merion, Pa.

One pipe frame greenhouse, 28x150 feet, for Aschman Bros., Philadelphia, Pa.

One pipe frame greenhouse, 17x42 feet, for Howard White, Lansdowne, Pa.

Material for two pipe frame greenhouses, 15x60 feet, for Zieger & Son, Philadelphia, Pa.

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Archias Floral Co., Sedalia, Mo.
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Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Briggs Floral Co., Chicago.
Brooklyn Cut Flower Market, Brooklyn, N. Y.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Callahan, M. J., Philadelphia, Pa.
Clarke's Sons, David, New York.
Comley, Henry R., 6 Park St., Boston, Mass.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Dard's, 44th and Madison Ave., New York
Dominion Floral Co., The, Montreal. Quebec.
Duerr, Chas. A., Newark, O.
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Dunlop's, 8 and 10 W. Adelaide St., Toronto.
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Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Briggs Floral Co.
Chicago—Friedman, 522 S. Michigan Blvd.
Chicago—Alpha Floral Co.
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Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel, 17 E. Monroe St.
Chicago—Schiller, the Florist, 2221 W. Madison.
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Member of Florists' Telegraph Delivery.

LOUISVILLE, KY.
THE F. WALKER CO.

310-312 West Chestnut Street
LARGEST FLOWER STORE IN THE CITY

E. W. PEARSON
47 State St., NEWBURYPORT, MASS.,
Covers all New England points.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Pueblo, Colo.

D. M. McMurray
FLORIST

105 East Abriendo Ave.

Mention the American Florist when writing

Send Telegraph, Telephone or Mail orders for florist service in this vicinity to

Howard & Smith

853 So. Olive St., Los Angeles, Calif.

Every Order sure to receive prompt and careful attention.

Mention the American Florist when writing

WORCESTER, MASS.

Randall's Flower Shop,

13 Pleasant Street.

Member of Florists' Telegraph Delivery.

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FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of Florists' Telegraph Delivery.

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VAN METER FLOWER SHOP
SPRING and HIGH, **Springfield, O.**

BEST FLOWERS for EVERY OCCASION.

Mention the American Florist when writing

Williamsport, Pa.
EVEN DEN BROS. CO.

Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

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Boston, Mass.

HENRY R. COMLEY, Florist, 6 Park St.

50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

Mention the American Florist when writing

John C. Hatcher

Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Hoffmans, N. Y.

Mention the American Florist when writing

FREY & FREY,

1338 O Street, LINCOLN, NEB.

WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

El Paso, Texas.

Potter Floral Co.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Boston, Mass.

Penn The Florist

"Penn, The Telegraph Florist"

Member of Florists' Telegraph Delivery Ass'n.

124 TREMONT STREET

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

Mention the American Florist when writing

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

106 STATE STREET.

Mention the American Florist when writing

Toronto, Can.

Canada's best known and most reliable florist

Only the Best **Dunlop's**

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee safe arrival.

Mention the American Florist when writing

Milwaukee, Wis.



J. M. Fox & Son, Inc.

437-39-41 Milwaukee St.

Members Florists' Telegraph Delivery Association.

Mention the American Florist when writing

THOS. F. GALVIN
INC.

NEW YORK 561 Fifth Ave.

BOSTON 1 Park Street
799 Boylston Street

Deliveries to steamers and all Eastern Points.

Mention the American Florist when writing



LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Cleveland, O.

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of Florists' Telegraph Delivery.

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Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Members of Florists' Telegraph Delivery.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

PROVIDENCE, R.I.

and all T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

—American Ass'n of Park Superintendents. 1370

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President;
F. W. Bolgiano, Washington, D. C., First
Vice-President; L. L. Olds, Madison, Wis.,
Second Vice-President; C. E. Kendel, Cleve-
land, O., Secretary and Treasurer. Thirty-
fifth annual convention, June, 1917.

WINTER-TOP onion sets are scarce and have advanced in price.

HOWARD M. EARL, of W. Atlee Burpee & Co., Philadelphia, Pa., is making a California trip.

L. L. MAY, of St. Paul, Minn., has greatly improved in health since his return from Milwaukee, Wis.

ASTER seed specialists in New York state report the crop outlook unfavorable because of drought and insects.

ST. LOUIS, Mo.—The St. Louis Seed Co. has received 116 cases of bulbs from Rotterdam via S. S. Ryndam.

CHICAGO.—Prices for grass seed on the Board of Trade, September 13, were as follows: Timothy, \$4.25 to \$5.25 per 100 pounds.

W. W. BARNARD, of the W. W. Barnard Co., Chicago, has returned to the city from his country home, greatly improved in health.

VISITED CHICAGO: Roland Bolgiano, formerly of Baltimore, Md., now of Los Angeles, Calif., accompanied his daughter to Wellesley college.

A. J. BROWN, of the A. J. Brown Seed Co., Grand Rapids, Mich., and J. Chas. McCullough, of Cincinnati, O., left Chicago September 9 for California.

GLADIOLUS growers generally report the bulb crop below usual sizes. It is thought that the crop of strictly first-sized bulbs will run one-third less than last year.

PHILADELPHIA, Pa.—John W. Graham, secretary and treasurer of the Philadelphia Lawn Mower Co., and brother of the president, Walter E. Graham, died September 6.

CARL CROPP, of Vaughan's Seed Store, Chicago, who has just returned from a trip of inspection of the California flower seed farms, says that the conditions as he found them were an eye-opener to him.

TWIN FALLS, IDAHO, September 11.—A. J. Brown, of Grand Rapids, Mich., and J. Chas. McCullough, of Cincinnati, O., arrived today. They were favorably impressed with seed growing conditions here.

ONION SETS in the Chicago district are going into warehouses very fast with probably 25 per cent. already housed. The condition of the sets is excellent. Prices are unsettled but advancing. Whites and reds are scarce.

CELERY SEED for use in the arts has recently advanced 10 cents per pound, the present price being 26 to 30 cents. Last year celery seed of this character went to 45 cents a pound and some of the trade, at least, believe it will reach if not pass that figure before the new crop becomes available.

W. H. CROSSLAND, for the past 19 years associated with Northrup, King & Co., Minneapolis, Minn., is now with the Courteen Seed Co., of Milwaukee, Wis.

French Bulb Prospects for 1917.

Toulon, August 25.—Next season's conditions are difficult to foresee. For one thing, from those growers who have not yet been mobilized a certain number will be called under a revision of the lists. These will abandon their growing operations and no one can predict the result. On the other hand, even if these operations are continued with the same quota of growers under present conditions the result continues doubtful. All bulbs of large size were short this season and orders have been completed in full only by resorting to the use of stock one centimeter smaller than usual. So even if the weather conditions prove favorable what crop can we expect in the face of such a famine of proper sized planting stock?

Dutch Bulbs.

The Dutch Bulb Exporters' Association of Haarlem, Holland, writes us as follows, August 24:

"Owing to the unfavorable weather during the month of June, the bulb crop has not reached the average and consequently the stock of saleable bulbs is not as large as during normal years. The size is now smaller and jumbo's are hardly to be had. It is true, the above is not only to be attributed to the bad weather, but also to the unprofitable prices of recent years. Further, living has become more expensive and consequently wages have risen, so that the growers were obliged to decrease the bulb acreage and increase that of vegetables. Notwithstanding the fact that the export of bulbs to England is prohibited, the surplus is much smaller than in previous years and even a shortage of good market sorts is possible. It is quite improbable that there will be surplus shipments on a large scale at low prices this season and fair-minded dealers in bulbs can not but rejoice at this fact."

New Jersey Seed Law.

The New Jersey seed law, effective November 1, 1916, contains the following paragraphs:

The provisions of this act concerning agricultural seeds shall not apply to lots of agricultural seeds which shall have affixed to the outside of the container of such seeds a written or printed label in the English language, in legible type or script, containing a statement specifying that such agricultural seed is "not clean seed" or that it is "not tested seed."

INTENT OF THE LAW.

In effect the law is purely regulatory, there being no prohibition as to the sale of any kind or quality of ag-

ricultural seeds. It is an attempt to place the sale of seeds on a basis of quality as expressed in terms of purity and germination. Other factors, such as appearance and price, are of extreme importance and must be considered in purchase, but these are matters not subject to regulatory measures. There is no relief from the individual responsibility that always existed, nor is there any assurance that crop loss can not occur because seeds are purchased under these conditions.

The law provides that agricultural seeds shall be labelled according to specifications stated, and holds the dealer responsible for the accuracy of such statements. This will enable the purchaser to inform himself as to what he is buying, and also will benefit the dealer who desires to sell high-grade seeds but who at the present time has to compete against low prices for low-grade seeds which carry no statement as to quality. Undoubtedly, the publicity which must be given to quality will keep many lots of seed off the market that now pass unquestioned.

Copies of the law and information regarding it may be had on application to John P. Helyar, State Seed Analyst, Agricultural Experiment Station, New Brunswick, N. J.

Seed Importation Act Amended.

The seed importation act of August 24, 1912, prohibits the importation into the United States of those seeds subject to the act when they are adulterated or contain three per cent or more of weed seeds, or when clover and alfalfa seed contains more than approximately 90 seeds of dodder per pound. This act was amended August 11, 1916, by including the seed of ryegrass and vetch in addition to those seeds enumerated in the original act and by prohibiting the importation of seeds which contain less than 65 per cent of pure live seeds, except that the seed of Kentucky blue grass and the seed of Canada blue grass may be imported when it contains 50 per cent or more of pure live seed. The amendment fixing a minimum quality for imported seed is intended to keep out of the United States seed of low germination as well as seed containing large proportions of chaff, both of which have been imported in large quantities in recent years.

The regulations for the enforcement of the seed importation act published as Treasury Decisions No. 35363, May 6, 1915, and as service and regulatory announcements, bureau of plant industry, No. 2, May, 1915, are being revised to conform with these amendments, and it is expected that they will be promulgated to be in effect on and after November 1, 1916.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.
Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

To All Florists Using French Bulbs:

Vaughan's Seed Store advertisements and catalogues offer these bulbs by **stated measure** and in **regular cases**. Others report seeing advertisements of this stock which **do not** give measurements of the bulbs.

Why not get samples of French Paper Whites and the like this season before you place orders?

Vaughan's prices, grading considered, will average over fifteen per cent lower than those of our competitors, because bought early by our own agent in France and paid for in cash or on short terms.

Our present price of **\$7.85 per 1000** for the largest size of Paper White Grandiflora now obtainable, proves this statement.

Advance contract orders booked by us for Paper Whites will be filled with the larger sizes.

Write for our **delivered prices** on Lily Bulbs. Vaughan's **Formosum** run larger in all grades than those of other dealers.

VAUGHAN'S SEED STORE, CHICAGO
NEW YORK

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers
SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, NEBRASKA

Mention the American Florist when writing

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

Mention the American Florist when writing

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale
Farm.

Bristol, Pa.

KELWAY'S SEEDS-- Flower, Vegetable and Farm

For present delivery or on contract. Wholesale only.

Special quotations for next season and
from 1917 harvest now ready.

Langport, - England.

BEANS, PEAS, RADISH

AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write for prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St., Telephone Main 2762. CHICAGO

Lilium Harrisii BULBS

	Per 100	Per 1000
5 in. to 7 in.....	\$ 5.00	\$40.00
7 in. to 9 in.....	9.00	80.00
9 in. to 11 in.....	22.00	.....

Freesia Refracta Alba

	Per 100	Per 1000
Mammoth size.....	\$1.75	\$12.00

For Immediate Delivery.

ROMAN HYACINTHS, 12-15
PAPER WHITE NARCISSUS
GRANDIFLORUS

Prices on application.

J. M. THORBURN & CO.
53 Barclay Street, through to 54 Park Place
NEW YORK CITY.

Send Us Your Order Now.

Imported Bulbs

Narcissi, Hyacinths and Tulips
Freesias and Japan Lilies

We Offer
The Best Stock Grown.

Write for
Trade Price List.

ST. LOUIS SEED CO.,

The Home of "Pure and Sure Seeds"

411-413 Washington Ave.,

St. Louis, Mo.

LILY BULBS FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

American Bulb Co.

A. Miller, President.

WHOLESALE DEALERS IN

Bulbs, Seeds, Supplies, Etc.
178 N. Wabash Ave., Chicago, Ill.

THE J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
Solicited.

SWEDSBORO, N. J.

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan,
Wisconsin and Idaho

MILFORD, CONN.

Mention the American Florist when writing

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners.

FRESH CYCLAMEN SEEDS

Just received fresh Danish Greenhouse grown Seeds of the giant-flowered German strain Kiausch, in colors: White, White with carmine eye, Pink, Dark rose, Dark crimson and mixed at \$6.50 per 1000 seeds; 80c per 100 seeds.

Send for our Pansy List.

DANISH SEED IMPORT

CHRIS MOSBJERG

210 7th Street, No., Minneapolis, Minn.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of
Pedigree Tomato Seeds

Baltimore, Md.

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

Mention the American Florist when writing

LILY BULBS

FALL SHIPMENT FROM JAPAN

Prices quoted F. O. B. New York, Chicago, Denver, San Francisco, and London (Ont.)

Write for quotations stating quantity, variety and size required.

McHUTCHISON & CO.

The Import House

95 Chambers St., NEW YORK

Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,

Contract Seed Growers

LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing

The L. D. Waller Seed Co.

Gaudalupe, California

Wholesale Growers of

FLOWER SEEDS, SWEET
PEAS AND NASTURTIUMS

Correspondence Solicited.

Mention the American Florist when writing

BARNARD'S
Seed Store
231-235 W. Madison St.
CHICAGO.

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA,

CALIF.



Boddington's Re-selected Winter-flowering
Spencers as grown by Wm. Sim,
Cliftondale, Mass.

WINTER SPENCER SWEET PEAS.

NEW CROP SEED READY FOR DELIVERY NOW.

	1 oz.	4 oz.	1b.
APRICOT ORCHID. Mostly apricot self.....	\$1.50	\$ 4.50	\$15.00
BELGIAN HERO. A beautiful rose.....	3.00	10.00	35.00
BOHEMIAN GIRL. Light pink.....	1.50	4.50	15.00
BRIDAL VEIL. Pure white.....	1.00	3.50	12.00
CHRISTMAS PINK ORCHID. Pink, white wings.....	3.00	10.00	35.00
MRS. A. A. SKACH. Bright pink.....	.65	2.00	7.50
MRS. JOHN M. BARKER. Lilac.....	1.50	4.50	15.00
MRS. JOS. MANDA. Light shell-pink.....	.65	2.00	7.50
MRS. M. SPANOLIN. Double; white.....	1.00	3.50	12.00
MORNING STAR. Self pink color.....	3.00	10.00	35.00
ORANGE ORCHID. Standard orange, wings dark salmon-pink.....	.75	2.50	9.00
ORCHID BEAUTY. Rose-pink, with orange.....	.65	2.00	7.50
PINK-AND-WHITE ORCHID.....	.75	2.50	10.00
RED ORCHID. Bright cherry-red.....	3.00	10.00	35.00
SENSATION. Newman & Legg's Christmas Pink Orchid.....	3.00	10.00	35.00
THE CZAR. Rose, wings white, mottled pink.....	3.00	10.00	35.00
VENUS. Blush pink.....	1.50	4.50	15.00
WHITE ORCHID. Pure white.....	.65	2.00	7.50
YARRAWA. Bright rose pink. Australian grown seed.....	2.00	7.00	24.00
California Grown Seed.....	.65	2.25	8.00

Mixed Spencers Winter Flowering, oz., 65c; ¼ lb., \$2.00; lb., \$7.50.

CYCLAMEN---Boddington's Gigantic

Sow Now for Best Results.

	Tr.	100	1000		Tr.	100	1000
	pkt.	seeds	seeds		pkt.	seeds	seeds
CHERRY RED.....	\$0.50	\$1.00	\$9.00	PEACH BLOSSOM. Rose color.....	\$0.25	\$0.75	\$7.00
CRIMSON.....	.25	.65	6.00	PRINCESS MAY. Color pink.....	.50	1.00	9.00
CRIMSON AND WHITE.....	.50	1.00	9.00	ROSE OF MARIENTHAL. Shell			
LILAC.....	.25	.65	6.00	pink.....	.25	.65	6.00
PINK. Soft pink.....	.25	.65	6.00	SALMON KING. Fine salmon.....	.50	1.00	9.00
ROSE. Light rose.....	.25	.65	6.00	SALMON QUEEN. Salmon.....	.50	1.00	9.00
SNOWFLAKE. White.....	.25	.65	6.00	SALMONIUM SPLENDENS.			
SYRINGA-BLUE.....	.25	.65	6.00	Fine salmon-pink.....	.25	.80	7.50
WHITE BUTTERFLY.....	.50	1.00	9.00	WONDER (GLORY) OF WANDS.			
PHOENIX. Cherry-crimson.....	.50	2.00	18.50	BEK. Intense salmon-red.....	.50	1.00	9.00
PURPLE KING.....	.25	.80	7.50	MIXED.....	.25	.60	5.50
VULCAN. Rich crimson.....	.50	2.00	18.50				

Our Wholesale Catalogue of Bulbs and Seasonable Flower Seeds is now Ready. Free to Florists on Request. 5 PER CENT DISCOUNT FOR CASH WITH ORDER.

Arthur T. Boddington Co., Inc., 128 Chambers St., New York City

Mention the American Florist when writing

My New PRICE LIST of

Winter Orchid-Flowering Sweet Pea Seed

Has been mailed. If you have not received a copy, send Postal for it.

Part of new crop will be ready early in July.

Ant. C. Zvolanek, Lompoc, Calif.

Grass Mixtures

FOR

Golf-Tennis-Polo

MEET ALL REQUIREMENTS FOR ALL SOILS

The Albert Dickinson Co.,
CHICAGO, ILL.

James Vick's Sons

Seedsman, Nurserymen, Florists

SEEDS All the leading
PLANTS kinds for summer
BULBS and fall planting.

Ask for Catalogues. ROCHESTER, N. Y.

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

SIMON LOUIS FRERES & CO.,

Bruyeres-le-Chatel (Seine et Oise), France.

ESTABLISHED 1666.

Wholesale Growers and Exporters of Choice Stocks of

Vegetable, Flower and Forage Seeds

Specialties—Giant Half-Sugar Mangel-Wurzel, Beet, Carrot, Celery, Dandelion,
Endive, Leek, Lettuce, Radish, Swiss-Chard, Swede and Turnip,
IMPORTERS OF—Red-top, Meadow Fescue, Blue
Grass, Sunflower, Timothy and Garden Peas. ENGLISH
CORRESPONDENCE.

Our traveling salesman, MR. LAWRENCE S. PAYN, who has been calling on the American trade for many years past, is now in the United States and all mail should be addressed to him care F. B. Vandegrift & Co., 15 Whitehall Street, New York.

Mention the American Florist when writing

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc.

Moorestown, New Jersey

Mention the American Florist when writing

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Asters,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

BRUNNINGS

Now contracting for Beans and Peas
for 1917, 1916 stocks being exhausted.

AUSTRALIAN BROWN ONION

1915-1916 crop seed still available

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held in
Chicago, September 26-29, 1916.

STREATOR, ILL.—Davis & Steiner have
purchased the greenhouse of A. E. Ald-
ritt and will move it to this city.

Prices of Indoor Fruits and Vegetables.

CHICAGO, Sept. 12.—Mushrooms,
home grown, 15 to 25 cents per pound;
lettuce, tomato boxes, 35 to 40 cents;
radishes, 50 to 75 cents per 100
bunches; celery, 60 to 65 cents per
box; tomatoes, six baskets, 50 to 80
cents; cucumbers, per climax basket,
10 cents to 25 cents.

NEW YORK, Sept. 12.—Celery, per
crate, \$2.00 to \$3.50; cucumbers, 75
cents to \$2.50 per basket; mushrooms,
75 cents to \$2.00 per 4-pound basket;
tomatoes, per pound, 6 cents to 12
cents; radishes, per 100 bunches, 50
cents to \$1.00; lettuce, per strap, 75
cents to \$1.00.

Tomatoes Under Glass.

An interesting feature in tomato
forcing under glass is the experience
of John Dodds, gardener to John Wan-
amaker, Philadelphia. Of several beds
planted, one did much better than the
others, although all received the same
treatment. The reason was finally
determined to Mr. Dodds' satisfaction
that the advantage the more prolific
bed had over the others was in a steam
pipe, which ran the length of the
bench next the glass; this being con-
venient the wire supporting the vines
had been attached at the top to this
pipe. In the more or less constant ex-
pansion and contraction of the pipe,
the wire supports of the vines had been
lightly shaken which had been suffi-
cient to pollinize the flowers, and the
vines thereby set much more fruit
than those of the other beds. K.

Vegetable Growers' Convention.

With plans practically complete for
the ninth annual convention of the
Vegetable Growers' Association of
America, which will be held at the
Hotel La Salle, Chicago, September
26-29, all indications point to an in-
teresting and well attended meeting
of the organization. The programme
will embrace four principal topics for
discussion as follows: "Marketing
Problems," "Better Seeds," "Green-
house Problems" and "Extension Work
for Vegetable Growers." A speaker of
well-known reputation has been as-
signed by the programme committee
to handle each topic. On Wednesday,
the second day of the meeting, a tour
of inspection will be made of some of
the greenhouses and gardens on the
north side of the city and on Thurs-
day morning a visit will be paid to
one of the large Chicago markets at
a time when the distribution of veg-
etables is at its height. The conven-
tion will close Friday morning with
the election of officers. The annual
banquet will take place Friday evening
at 6:00 o'clock.

Fall Army Worm Causing Damage.

The fall army worm, a hairless
striped caterpillar about one and one-
half inches in length, which attacks
grass, corn, sorghum, kafir, millet and
alfalfa is reported to be causing injury
to crops in Oklahoma and Kansas, ac-
cording to the United States depart-
ment of agriculture. Spraying with
standard insecticides, cultivating the
ground wherever possible or when the
pests are on the march, plowing a deep
furrow ahead of them through which
a log can be dragged, thus killing the
larvae, are among the means of con-
trol suggested.



Professor Henry G. Bell.

One of the Speakers at Ninth Annual Convention
of Vegetable Growers' Association of America,
Hotel La Salle, Chicago, Sept. 26-29, 1916.

WORCESTER, MASS.—W. N. Esta-
brook and William L. Luby have
formed a partnership and have pur-
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Pure White (Mont Blanc). **Rosa Von Marienthal.**
Dark Rose. **Dark Crimson.** **White and Carmine Eye.**

Price, per 100 seeds, 85c; 1,000 seeds, \$6.00.

Mixed, Extra Choice. Per 100 seeds, 60c; 250 seeds, \$1.35; 1,000 seeds, \$5.00; 5,000 seeds, \$22.50.

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American Association of Nurserymen.

John Watson, Newark, N. Y., President;
Lloyd C. Stark, Louisiana, Mo., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-second annual convention will be held at Philadelphia, Pa., June, 1917.

VISITED CHICAGO: P. M. Koster, of Koster & Co., Boskoop, Holland, making his twenty-fifth tour of the American trade.

A BILL passed by the last legislature and signed by Governor Harris designates the Cherokee rose as the official emblem of the state of Georgia.

GULFPORT, MISS.—Wm. Mehl, formerly of St. Louis, Mo., has been appointed landscape architect at the Mississippi centennial exposition, which will open December 10, 1917.

OAK PARK, ILL.—James Rex, 11 years old, is leading the contestants in a campaign to rid the locality of tussock moths, having submitted more than 10 pounds. The first prize is \$10.

PITTSBURGH, PA.—J. Wilkinson Elliott has returned from Europe, where he visited France and England in search of novelties for the great summer show to be held in this city next June.

Philadelphus.

Few genera of hardy shrubs give as much beauty to summer gardens as *Philadelphus*, or, as it is popularly called, mock orange or syringa, and to few genera of cultivated plants have so many important additions been made in recent years. As early as 1811 English gardeners cultivated only two species, and 12 years later only 11 species were recognized by botanists. Now there are established in the arboretum some 30 species and a large number of varieties and hybrids. The beauty of these plants is found in their white flowers; the fruit, which is a dry capsule, has as little beauty as that of a lilac. There is nothing particularly interesting in the habit of any of the plants, and the leaves fall early in the autumn without change of color. As flowering plants, however, not many shrubs surpass them in beauty, and the importance of the group is increased by the length of the flowering season, which in the arboretum extends through six weeks. *Philadelphus* has gained most by the art of the hybridizer, although the handsomest, perhaps, of the old world species, *P. purpurascens*, is of recent introduction, having been discovered only a few years ago by Wilson in China. The first of the hybrids to attract attention was raised in France before 1870 by Monsieur Billard and is sometimes called *Souvenir de Billard*, although the oldest and correct name for this plant is *P. insignis*. This is one of the most beautiful of the large-growing syringas and one of the last of the whole group to flower. A hybrid between two of the American species appeared a few years ago in the arboretum and has been named *P. splendens*. This is a large-growing and very vigorous plant with unusually large,

scentless flowers, and one of the handsomest plants in the collection. Another supposed hybrid is *P. maximus*; this grows to a larger size than other syringas and plants from 20 to 30 feet high can sometimes be found in old Massachusetts gardens where this plant is not rare. One of the greatest gardening triumphs was achieved by Lemoine at Nancy, when a few years ago he had the happy inspiration to cross *P. coronarius*, the mock orange of old gardens, with the dwarf Rocky Mountain *P. microphyllus*, a shrub with small leaves and small, very fragrant flowers. The first plant obtained by this cross was named *Philadelphus Lemoinei*; it is a perfectly hardy shrub four or five feet high and broad, with slender stems which are now bending under the weight of fragrant flowers which are intermediate in size between those of the two parents. Many distinct forms of this hybrid are in the collection.—Arnold Arboretum Bulletin, June 23, 1916.

Mountain Laurel Roots for Pipes.

The sale of a large quantity of mountain laurel roots from one of the national forests in the Appalachian mountains is reported by officials in charge, who say that the roots will be used in the manufacture of pipes. On account of the present scarcity and high price of French briar, a number of American pipe manufacturers have been on the lookout for a substitute, and the forest products laboratory of the United States department of agriculture has conducted a number of experiments to determine the availability of other woods. It is reported that mountain laurel root burns out more rapidly than briar, but forest service experts have to an extent found a method of hardening the wood. It is said that in 1915 the value of briar "blanks" shipped to this country was almost \$300,000, and in addition a large number of finished pipes were imported.

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ROSES

Pot grown
2¼ and 4-in.

Field grown
to pot 5, to 6-in.

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ROSES, CANNAS Shrubbery THE CONARD & JONES CO., West Grove, Penna.

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Write for list.

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Ornamental Nursery Stock

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Landscape Evergreens and Conifers—New, rare and standard varieties. Small, medium and large sizes supplied in perfect specimens, with ball and burlap. Largest and most extensive collection in America.

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Young Stock for Lining Out—Ornamental Evergreens and Deciduous Trees and Shrub seedlings, rooted cuttings, grafts, etc., in large assortment at very low prices. Annual output, 10,000,000 plants.

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BOSTON FERNS

Large Stock of Fine Plants

4-inch, at \$ 1.50	per dozen
5-inch, at 3.00	per dozen
6-inch, at 6.00	per dozen
7-inch, at 9.00	per dozen
8-inch, at 12.00	per dozen
9-inch, at 15.00	per dozen

Extra Special—\$1.50

We have a very fine lot of 9-in. Boston Ferns at the above price. These are very beautiful specimens.



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Asparagus Sprenger, 3 in.....	Per 100 \$ 5.00
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Primula obconica, 3 in.....	5.00
Primula obconica, 4 in., \$1.50	
per doz.....	12.00

Cyclamen, best varieties and	Per Doz.
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Pteris tremula, 4 in.....	1.50
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CARNATION PLANTS

Extra fine stock ready for immediate delivery. Order today.

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Zoe Symonds, - - -	\$4.50	\$40.00
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Asparagus Sprengeri, 3-in., \$5 per 100; Asparagus plumosus, 2½-in., \$3 per 100. The George Wittbold Co., 737 Buckingham Place, Chicago.

ASPARAGUS PLUMOSUS SEEDLINGS, extra strong, \$6.00 per 1,000. VAUGHAN'S GREEN-HOUSES, Western Springs, Ill.

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Asparagus Sprengeri, extra strong, 3-in., \$5 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

ASPARAGUS SPRENGERI, 3-in., \$4 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

Asparagus plumosus sprays, \$2 per 100; E. E. Stone, Dickinson, Texas.

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Erfordii, 3-in. \$6.00 per 100
Chatelaine, 2½-in. 3.50 per 100
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BUSH SHAPE, 10-12-in., balled, 30c each; 18-in., balled, 60c each; 30-in., balled, \$1.75 each.

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Bulbs, Lilium Formosum. Late dug bulbs, ready for shipment now. 7 to 9-in., 300 to case, \$7 per 100, \$60 per 1,000; 8 to 10-in., 225 to case, \$8.50 per 100, \$78 per 1,000; 9 to 10-in., 100 to case, \$10 per 100, \$95 per 1,000; 11 to 13-in., 100 to case, \$20 per 100. Callas, California grown, fine well ripened bulbs, with live center shoots, select size, \$9 per 100. Mammoth, \$12 per 100. Godfrey, 4-in. plants (ready September 20), \$15 per 100. Purity Freesia, ½-in., \$1.20 per 100, \$10 per 1,000. A. Henderson & Co., 211 N. State St., Chicago.

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Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

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Caladiums, finest fancy leaved varieties, 35c. 50c, 75c, \$1 and \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

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Extra fine field-grown
CARNATION PLANTS,
35,000 Enchantress,
\$5.00 per 100; \$45.00 per 1,000.

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Carnation plants, field-grown, extra fine stock for immediate shipment. Pink Enchantress, Rosette, \$5.50 per 100; \$50 per 1,000; Philadelphia, Victory, Ward, (medium sized), Bonfire, (medium sized), \$5 per 100, \$45 per 1,000; Matchless, \$6 per 100, \$55 per 1,000. Wieter Bros., 162 N. Wabash Ave., Chicago.

We have the following to offer at 5c: 675 Herald, 500 White Enchantress and 200 Enchantress. These are good plants. Can ship on short notice. Cash with order. SIMANTON & PENCE, Falls City, Neb.

Field-grown carnation plants, Pink Enchantress, \$5 per 100, \$40 per 1,000. Des Plaines Floral Co., Des Plaines, Ill.

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FIELD-GROWN CARNATION PLANTS.

10,000 White Perfection ...	100	1,000
15,000 White Enchantress ..	6.00	\$50.00
20,000 Pink Enchantress ..	6.00	50.00

Ready for shipment now or will reserve for later delivery. We guarantee plants to be in healthy condition at time of shipment.

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New carnation, Cottage Maid, a sport of Mrs. C. W. Ward. A new carnation of a delightful shade of flesh pink, somewhat darker than Enchantress. Rooted cuttings, \$12 per 100; \$100 per 1,000. Cottage Gardens Co., Inc., Queens, N. Y.

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CHRYSANTEMUMS.

CHRYSANTEMUMS.

Emma—A Garza-Anemone, double pompon, pale pink; it's a dandy; you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now. \$15 per 100. GUTTMAN & RAYNOR, INC., 101 W. 28th St., New York.

Chrysanthemums, Pompon variety, 2-in., \$2.00 per 100; \$18.50 per 1,000; 3-in., \$3.00 per 100; \$25.00 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CHRYSANTEMUMS. Good commercial varieties, 2½-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

COLEUS.

Coleus, Emperor Wilhelm, 3-in., 8c each; 4-in., 15c each. Poehlmann Bros. Co., Morton Grove, Ill.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CYCLAMEN.

CYCLAMEN GIGANTEUM SEED.

Improved Wandsbek Type.

White, white with eye, light red, rose pink, bright red, dark blood red. Equal divided, \$6.00 per 1,000; including Glory of Wandsbek, \$1.00 per 100.

Glory of Wandsbek, dark and light salmon, separate, \$8.00 per 1,000; \$1.25 per 100.

Improved Glory of Wandsbek, dark and light. Best salmon, some are nearly double flower, extra large and easy grower, good bloomer, \$10.00 per 1,000, \$1.50 per 100.

Rococo erecta, new mixed color or separate. This variety is new and not to be compared with the old. Easy to grow, good bloomer, fit to grow in quantities, \$12.00 per 1,000, \$2.00 per 100.

ERNEST ROBER,

Wilmette, Ill.

Cyclamen, best varieties and colors, 5-in., \$4.20 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

DAHLIAS.

Imolias. Best new and standard varieties. Peacock Dahlia Farms, Williamstown Junction, N. J.

Dahlias, in a large variety and best quality. The Leo Niessen Co., 1201-5 Race St., Philadelphia, Pa.

DAISIES.

BEST FLOWERING DAISIES. Chicago White, special strain, 2½-in., \$5.00 per 100; Etoile D'Or, 2-in., \$5.00 per 100. Cash please. A. E. HUNT & CO., 30 E. Randolph St., Chicago.

DRACAENAS.

DRACAENA INDIVISA, 5-in., \$35.00 per 100; 4-in., \$15.00 per 100; 3-in., \$6.00 per 100. ERNEST ROBER, Wilmette, Ill.

DRACAENA INDIVISA, 5-in., 35c. Harry Hehl, West Toledo, O.

Dracaena Indivisa, 2-in., \$2 per 100, \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

FERNS.

BOSTON FERNS.

	Per dozen.
4-inch	\$ 1.50
5-inch	3.00
6-inch	6.00
7-inch	9.00
8-inch	12.00
9-inch	15.00

The George Wittbold Co.,

737 Buckingham Place, Chicago.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns, Boston, 4-in., \$15 per 100; 7-in., \$6 per doz.; 8-in., \$1 each, \$9 per doz. Large plants in 11 and 12-in. pots, \$2.50 and \$5 each. R. Vincent, Jr. & Sons Co., White Marsh, Md.

TABLE FERNS, best varieties, fine stock, 2-in., \$3 per 100, \$25 per 1,000; 3-in., \$5 per 100, \$40 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Fine Nephrolepis ferns. For varieties and prices see advertisement elsewhere in this issue. P. R. Pierson Co., Tarrytown, N. Y.

New fancy ferns, special picked. C. A. Kuehn, 1312 Pine St., St. Louis, Mo.

FREESIAS.

Freesias. Purity, California grown, 1st size, \$10 per 1,000; Mammoth, \$12 per 1,000; Rainbow, new and very fine, yellow, orange, lavender and pink, \$5 per 100; \$40 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia, Pa.

Fischer's Purity Freesia, direct from responsible grower. BROWN'S BULB RANCH, Capitola, Calif.

GERANIUMS.

GERANIUMS. Extra strong, 2-in., S. A. Nutt, Ruby (best dark red), Dagata, Ricard, Red Wing, Viaud, Landry, La Favorite, Perkins, Oberie and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wylie, Aviator, Rogers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. F. H. DE WITT & CO., Wooster, O.

Geraniums, in good 3-in. stock at \$3 per 100; \$25 per 1,000; 2-in., at \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS. Mixed varieties, fine healthy plants, \$8.00 per 100. M. C. GUNTERBERG, 153 North Wabash Avenue, Chicago.

Geraniums, 100,000 in 2 and 2½-in. pots, in 28 varieties, \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, S. A. Nutt and Buchner, \$10 per 1,000; Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

STOCK GERANIUMS, field-grown, all colors, \$5 per 100. BAUDISCH, 753 Hamilton Ave., No. Bergen, N. J.

Geraniums, S. A. Nutt, 2-in., \$16 per 1,000. Elmer Rawlings, Allegany, N. Y.

GREENS.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. Caldwell, The Woodsman Co., Evergreen, Ala.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

GREEN SHEET MOSS, 50c per bundle, \$1.45 per bag. Everything in the southern evergreens cheap. ALFRED HAY, Garrison, Ky.

HYDRANGEAS.

HYDRANGEA OTAKSA, 3-in., \$5 per 100. Flowering sizes, pot-grown, 25c to 50c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LANTANAS.

LANTANAS, mixed, 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pipes. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the valley. Finest in existence. For quotations address Otto Mann, Leipzig, Saxony, Germany.

LOPEZIA.

LOPEZIA RACEMOSA, a very neat Xmas plant covered with thousands of red flowers from Nov. until May. 2-in., 3c; very bushy out of 4-in., 7c. EMIL BAUDISCH, 753 Hamilton ave., No. Bergen, N. J.

MOONVINES.

Moonvines, lemon verbenas, swainsona, parlor ivy, S. scandens, alternanthera, coleus Salvia. Bonfire and Zurich, cuphea, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PAEONIA ROOTS.

Paeonia roots, must be moved at once. Our \$20,000 stock of these contains the best cut flower sorts for florists. Write for complete list. Vaughan's Seed Store, Chicago.

PALMS.

LATANIA BARBONICA PALMS, 15-in. tubs, suitable for decorative work, \$5 each. Pandanus Veitchii, 15-in. tubs, \$5 each. HENRY SMITH, Grand Rapids, Mich.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th sts., Philadelphia, Pa.

Palms. Joseph Heacock Co., Wyncote, Pa.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. HENRY SMITH, Grand Rapids, Mich.

PANSIES.

Giant Flowering Pansy seedlings, heavily rooted, 35c per 100; \$2.50 per 1,000. Steele's Private Stock Pansy seedlings, exhibition strain, 50c per 100, \$4.50 per 1,000. Prepared to ship immediately short distances; advise shipping long distances only after October 10, to allow frost to harden. Cash. JOS. H. CUNNINGHAM, Delaware, Ohio.

PEONIES.

PEONIES—\$20,000 worth of best named varieties at our nursery, Western Springs, Ill. Now is planting time. Let us quote you. VAUGHAN'S SEED STORE, Chicago and New York.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

Peppers, Bird's-Eye, bushy plants, 3-in., \$6.00 per 100, \$50.00 per 1,000; 4-in., \$12.00 per 100; \$100.00 per 1,000.

Peppers, Celestial, 3-in., fine plants, \$6.00 per 100, \$50.00 per 1,000; 4-in., \$12.00 per 100, \$100.00 per 1,000.

Jerusalem Cherry, strong 3-in., \$6.00 per 100, \$50.00 per 1,000; 4-in., \$12.00 per 100, \$100.00 per 1,000.

PYFER & OLSEM, Wilmette, Ill.

PRIMROSES.

PRIMROSES, Obconica, Chinensis and Malacoides, 2-in. pots at \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

POINSETTIAS.

POINSETTIAS, fine plants, \$5.00 per 1.00. HENRY SMITH, Grand Rapids, Mich.

PRIMULAS.

PRIMULA MALACOIDES.		
Extra fine stock.	100	1,000
2-inch	\$3.00	\$27.50
2½-inch	4.00	35.00
3-inch	6.00	50.00

PYFER & OLSEM, Wilmette, Ill.

PRIMULAS.

	100
Obconica, 2-in.	\$3.00
Malacoides, 2-in.	3.00
Malacoides, 3-in.	6.00

ERNEST ROBER, Wilmette, Ill.

Primulas, Grandiflora and Gigantea strain, only the choicest varieties; summer delivery, 2½-in., \$3 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Primula obconica, 3-in., \$5 per 100; 4-in., \$1.50 per doz., \$12 per 100. The George Wittbold Co., 737 Buckingham Place, Chicago.

PRIVET.

California Privet, of superior quality, in all sizes from one to four feet. J. T. Lovett, Little Silver, N. J.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

PTERIS.

Pteris tremula, 4-in., \$1.50 per doz.; Wimbettii, 4-in., serrulata, 4-in., cretica albolineata, 4-in., \$1.00 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

RESURRECTION PLANTS.

RESURRECTION PLANTS (Mexican Evergreen) scarce, per 100, \$3.25; per 1,000, \$25.00. Vaughan's Seed Store, 43 Barclay St., New York.

ROSES.**ROSES.**

2,000 White Killarney, 2½-in., grafted, good, big plants, \$8.00
2,000 Richmond, 2½-in., grafted, good, big plants, 8.00
1,000 Cecile Brunner, 3-in., own root, choice stock, 4.00
1,000 Mrs. Geo. Shawyer, 2½-in., own root, 4.00

BASSETT & WASHBURN,

178 N. Wabash Ave., Chicago.

FINE 2½-INCH ROSE PLANTS.

	100	1,000
Killarney	\$4.00	\$35.00
Richmond	3.00	25.00
Geo. Elgar (Baby Yellow)	4.00	35.00

WIETOR BROTHERS.

L. D. Phone, Randolph 2081.
162 N. Wabash Ave., Chicago.

Roses. Grafted 3½-in. stock: Pink and White Killarney, Brilliant, Old Gold, Scott Key, Elgar, \$140 per 1,000. Grafted 2½-in. stock: White Killarney, \$100 per 1,000. Own root, 3½-in. stock: Pink and White Killarney, Old Gold, Richmond, Elgar, \$96.70 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

English Roses. Guaranteed two-year-old, low budded on briar, clean, hardy, field-grown stock. Dwarfs and climbers. For varieties and prices see advertisement elsewhere in this issue. Bees, Ltd., 1075 Mill St., Liverpool, Eng.

ROSE PLANTS, Pink and White Killarney, 3-in. pots, own roots, \$6 per 100; \$50 per 1,000. My Maryland, 3-in., at \$8 per 100, \$75 per 1,000. All first-class stock. HENRY SMITH, Grand Rapids, Mich.

ROSES. 300 good, healthy Killarneys, grafted from 4-in. pots, 10c each, to close out. Cash or satisfactory reference. Can use a few Rose Pink Enchantress. W. W. COLES, Kokomo, Ind.

Rose Champ Welland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Welland & Risch, 154 N. Wabash Ave., Chicago.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10.00 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seeds. Fresh cyclamen, Danish greenhouse grown, giant flowered German strain Kiasuch in colors. 80c per 100 seeds, \$6.50 per 1,000 seeds. Danish Seed Import, 210 Seventh St., No., Minneapolis, Minn.

Seeds, Cyclamen, Giant English and German strains; also Giant Orchid—Flowered. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, contract growers of pepper; egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds. Spencer Winter-flowering Sweet Peas. Cyclamen. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington, Inc., 128 Chambers St., New York.

Seed. Spencer Winter-flowering Sweet Peas. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds. Sweet Pea. For varieties and prices see advertisement elsewhere in this issue. S. S. Pennock-Meehan Co., 1608-1620 Ludlow St., Philadelphia, Pa.

SEEDS.

Seeds, contract growers of cucumber, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodgar & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed. Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, tree, shrub and palm. For nursery and florists. Write for prices. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seed. Cyclamen, Stuart Low's Superb strain, 1916 crop. Price list on application. Stuart Low Co., Bush Hill Park, Enfield, England.

Seeds, specialties: Lettuce, onion, sweet pea, aster, cosmos, parsley, parsnips, turnips in variety. Waldo Rohnert, Gilroy, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsley, parsnips, turnips. R. & M. Godineau, Angers, France.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellcott Sts., Baltimore, Md.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Flower, sweet pea and nasturtiums. The L. D. Waller Seed Co., Guadalupe, Calif.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds. Vegetable, flower and forage. Simon Louis Freres & Co., Bruyeres-le-Chatel (Seine et Oise), France.

Seed. Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

Seed. High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds, flower, vegetable and farm. Wholesale only. Kelway's, Langport, England.

Seeds. Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seeds. Flower and garden. Barnard Seed Store, 231-235 W. Madison St., Chicago.

Seed. For the wholesale trade only. Braslan Seed Growers' Company, San Jose, Calif.

Seeds. All the leading kinds for summer and fall planting. James Vick's Sons, Rochester, N. Y.

Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seed. Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

SMILAX.

Smilax, strong new stock, 2½-in., \$2.50 per 100; 3-in., \$6 per 100; \$50 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SNAPDRAGONS.

Snapdragons, New Pink, 2½-in. pots, \$6 per 100; \$50 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SPHAGNUM MOSS.

Sphagnum moss, 12 bales for \$10. Poehlmann Bros. Co., Morton Grove, Ill.

STEVIA.

Stevia, 2½-in., \$20 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SWAINSONA.

SWAINSONA, 4-in. pots, fine plants, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

VEGETABLE PLANTS.

FIELD-GROWN PLANTS, all varieties: Cabbage, \$1.00 per 1,000; \$8.50 per 10,000. Celery, \$2.00 per 1,000. Parsley, \$2.50 per 1,000. F. M. PATTINGTON, Scipioville, N. Y.

VINCAS.

Vinca variegata, 2-in., \$2 per 100; \$20 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

STOCK WANTED.

STOCK PLANTS. E. G. Hill, Jean Viaud, Ivy-leaf geraniums, flowering Begonias, Lantanas. What have you? Would exchange hardy plants. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

MISCELLANEOUS.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Av., Detroit, Mich.

Choice landscape decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., box 404, Dundee, Ill.

Boiler flues, cleaned and trimmed. Stuttle's clamps and elbows to join flues. H. Munson, 1353 N. Clark St., Chicago.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Straford, London, England.

Japanese tea garden and rockery for your summer house made in a short time. T. R. Otsuka, 300 S. Michigan Ave., Chicago.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 609 Exchange Ave., Room 5, Chicago, Ill.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Vaughan's perfection points. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Nursery stock of all descriptions. Catalogues and price lists free on application. The Storrs & Harrison Co., Painesville, O.

Florists' Greening Pins. Box of 10 lbs., \$1.50; 5 boxes, \$7.00. Geo. M. Angermueller, 1324 Pine St., St. Louis, Mo.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Catalogues. Large runs our specialty. Write for prices. Regan Printing House, 527 Plymouth Place, Chicago.

Baskets of every description. Write for catalogue. Raedlein Basket Co., 713 Milwaukee Ave., Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

MISCELLANEOUS.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Greenhouse glass. Write for prices. Okmulgee Window Glass Co., Okmulgee, Okla.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Boilers of high grade for greenhouses. Write for catalogues. Giblin & Co., Utica, N. Y.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Blooming plants or anything in soft wooded plants. Geo. A. Kuhl, Pekin, Ill.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Hail storm insurance. John G. Esler, Sadle River, N. J.

Glass, large stock and good prices. Sharp, Partridge & Co., Chicago.

Wired toothpicks, 10,000, \$1.85; 50,000, \$3.00. W. J. Cowee, Berlin, N. Y.

Greenhouse boilers. Kroeschell Bros Co., 452 W. Erie St., Chicago.

Everything the best in florists' supplies. H. Bayersdorfer & Co., 1127 Arch St., Philadelphia.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

GREENHOUSE INSURANCE.

Cyclone and hail insurance; also insurance on growing crops while in the fields. The American Mutual Cyclone and Hail Insurance Co., Muncie, Ind.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 982 Blackhawk St., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Pecky Cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

INSECTICIDES.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Alpine, \$1 per qt.; \$2.50 per gal. Fungine 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nikoteen, for spring spraying: Aphis Punk, for fumigating. Nicotine Mfg. Co., St. Louis.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset flower, vegetable waterproof paper pots. Vaughan's Seed Store, Chicago and New York.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kehr, 2934-36 N. Leavitt St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.
Mend your split carnations. Finest article for carnation growers introduced so far, 35c for 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE.
264 Randolph St., Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

STAKES.

Cane Stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.
Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Rose stakes, extra stiff, No. 9 galvanized wire, 4½-ft., \$13.05 per 1,000; carnation supports, \$18 per 1,000. The Carnation Support Co., Connersville, Ind.

WIRE WORK.

Florists' wire designs and fancy wire lamp shades. NORTHWESTERN WIRE WORKS, 223 13th Ave., N. E., Minneapolis, Minn.



FREE

This Fine
Budding Knife

For 2 New
Subscriptions.

American Florist Co.
440 S. Dearborn St., CHICAGO

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Philadelphia Wholesale Florists' Exchange.
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Traendly & Schenck, New York.
United Cut Flower Co., New York.
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Weiss, Herman, New York.
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John F. Madden is both a grower and retailer. He has a considerable glass area at the cemetery, Montgomery street, growing bedding plants and a variety of other stock. At present, he has a fine stock of chrysanthemums coming on. He is a heavy buyer in the wholesale district of New York.

May F. Kendall, the Jersey avenue retailer, though young in years, may be classed as an expert in the business. She has a nice store and we found her busy. She has recently returned from an enjoyable vacation in the region of the Great Lakes.

James A. Sullivan, 277 Grove street, has a good store and does a fine business. He is well known and popular in the wholesale district of New York.

Notice of the sudden death of Mrs. Charles Wrege will be found in our obituary columns.

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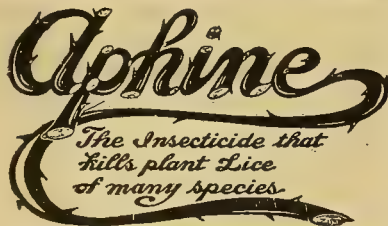
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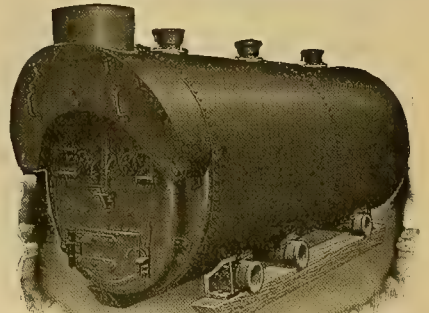
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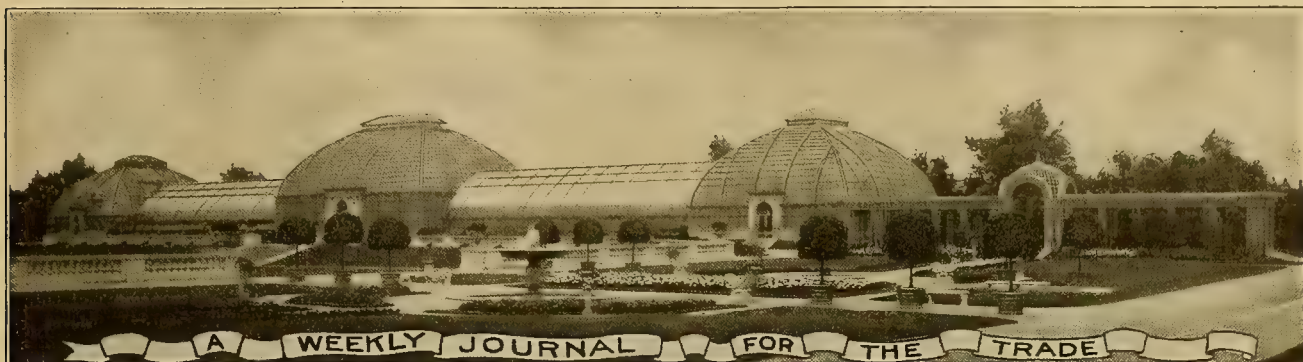
GLASS

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SHARP, PARTRIDGE & CO.

CHICAGO, ILLINOIS.

THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

Vol. XLVII.

CHICAGO AND NEW YORK, SEPTEMBER 23, 1916.

No. 1477

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

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Next annual convention and exhibition at
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apolis, Ind., Secretary.

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Next annual meeting, New Orleans, La., Octo-
ber 10-12, 1916. EMIL T. MISCHKE, Portland, Ore.,
President; ROLAND COTERILL, Park Depart-
ment, Seattle, Wash., Secretary-Treasurer.

CHRYSANTHEMUM SOCIETY OF AMERICA

Annual convention and exhibition at Phila-
delphia, Pa., November, 1916. WM. KLEINEINZ,
Ogontz, Pa., President; C. W. JOHNSON, 2134 W.
10th Street, Chicago, Secretary

WITH THE GROWERS.

W. H. Elliott, Madbury N. H.

The longest rose house in this coun-
try is that of W. H. Elliott, at Mad-
bury, N. H. It is 1,450 feet in length
and 60 feet wide. In front of this is
another house, 52 x 812 feet. There
are no frills on these large structures,
they having only the necessary con-
struction and materials to house the
plants and preserve the summer time
heat necessary for their growth, but
are substantial and efficient to a marked
degree. These houses are divided into
sections, each of which has a man in
charge; there is nothing but paths di-
viding the section, the temperature of
the house being the same in all parts.
The plants are grown on the benches
about two feet from the ground. These
are three feet six inches in width, and
contain three rows of plants, the center
row being set so as to come in be-
tween those on the outside. They are
sixteen inches apart in the rows.

New ground beds to take the place
of the tables are under construction at
one end of the house. These are to be
of cement sides, the bottom of the
bed slopes from the edges to the center;
first there is a tile drain and
then rough cinders and filled in
on the top with cinders of a finer
grade on which is placed the soil.
With such beds there is nothing to
decay or need repair, and results are
said to be just as satisfactory. On
such a place one expects to find stock
in large quantities. Ophelia appears
to be favored most, 15,000 plants being
grown. Hadley comes second, with
10,000. There are also 6,000 Christy
Miller, 8,000 Sunbursts, 6,000 Single
White Killarney, 5,000 Alice Stanley,
2,000 Wards, 5,000 Cecile Brunners and
a goodly number of the Irish single
roses, which had paid very well.
Hadley had proved itself a money
maker, running high in the returns, but
Cecile Brunner, the smallest bud of the
lot, had turned in the best score card.
The season has been very good, better
average prices being obtained than for
a long time. Beds that had been rest-
ing since the middle of June are now

being watered and pruned back. The
growers here cut down to about nine
inches of the soil and trim away all weak
wood, leaving three good canes. Old
soil is scraped clean, then scarred
rather deep with a steel pronged
hand fork to disturb the top roots. The
bed is then mulched with manure,
fresh sod soil and a little bone meal,
which the disturbed roots can get hold
of quickly.

When asked about insect pests, J. S.
Elliott, the proprietor's son, said
that the leaf roller was now giving
them more trouble than anything else.
Eggs deposited on the leaves soon hatch
out, and the young worm eats away
and finally, rolling a leaf around itself,
goes through the various stages until
it becomes a mature miller and starts
the process over again. The best way
to combat them is with candles in
dishes of oil, which set in the houses
at night, catch a great number of the
millers and keeps them down in this
way. They are not bothersome in
winter, being a hot weather pest, as
is also the thrip, which spoils many
flowers during the summer months.
The force at this establishment have
found nothing effective against them
as yet.

Water is obtained from an artesian
well, 375 feet in depth; a gasoline en-
gine operates the pump. An auxiliary
supply, which was first used and is
still available, also brings water from
the river one and one-half miles away.
Four hundred horse power boilers heat
the place, burning from 1,800 to 2,000
tons of coal in the season.

The roses are graded here, starting
at 9 to 11½ inches, next 12 to 13½
inches, then 15 to 17½ inches and so
on up to 24, and when special roses
were obtained in quantity these were
graded about six inches apart when
over 24 inches. Mr. Elliott said that
their first year roses had done best for
them the past season. As soon as the
young rose plants are ready to be
shifted to a larger size pot they are
planted in about 2 inches of soil in
the rose benches 4 inches apart each
way. When ready to be planted per-

manently they are cut out with a large butcher knife and lifted with a shingle. This they find much more advantageous as the plants grow stronger and thriftier and with less labor than with a shift into a larger pot. There is a farm of some 400 acres here and a dairy of 75 cows. There is always an abundance of manure, which Mr. Elliott believes in applying liberally. An interesting feature was a table of Sprengeri, 800 feet long, from which, after it had its growth, they had cut all winter. It was one of their best paying benches.

All the stock, both from here and at the Brighton establishment, is sold in the Boston market by A. R. Hutson, Mr. Elliot's agent. The roses are packed here in the regulation way on parchment paper, 25 to a sheet, then iced and laid carefully on one another until a box is filled. They carry well and are handled better in the market than by any other method that has been tried. W. H. Elliot was, on July 21, enjoying his visit to the Maine woods, where he finds rest and quiet every summer about this time. His son, J. S., is now foreman, and from the condition of the houses, is very capable, and one of the rising young men of the craft.

M. A. Patten & Co., Tewksbury, Mass.

This famous establishment has long been noted for its fine carnations. Princess Dagmar, the best and largest of the crimsons, was born here, and as a show variety is still the finest in its class.

The carnations here are grown on benches with tile bottoms with a steam pipe under each bench, so as to provide against "wet feet," which are very injurious to the plants under greenhouse conditions, especially when during the pressure of a crop of flowers. Cement benches are also seen here with vitrified drain pipes for legs. These are efficient, neat and easily unite with the cement.

A propagating house, 25x140 feet, with four benches, which in the season are kept full of cuttings, gives an idea of the extent of this branch of the business. Mr. Patton attaches much importance to his soil; a compost of sod and cow manure, after being allowed to stand a year, is put through a Kasting soil crusher, which disintegrates and mixes thoroughly the soil, manure and fibre. He believes that the mixture should be very friable, so that all the particles are easily accessible to the roots of the plants. The machine, which is run by a gasoline engine, is a great labor saver.

All the stock is grown outside; about 40,000 plants were seen in the field, set out the middle of May, and looked in splendid condition. They break better and make finer plants out of doors. They have no trouble in lifting in the middle of August, when the plants are planted on the benches. Any that are out late are not injured by the early frosts, except that the buds on them are destroyed. Varieties grown are: White Wonder and Matchless, which two they bank on; Peerless Pink, a dark shade they have found very good; Beacon, their best red; Pink Delight, Enchantress Supreme and Alice, for pink Benora is also one of their best, and they have a pure white sport of this variety which they value very highly. Sunbeam, a new light pink on trial, has been found free and of good color. Mr. Patton believes that soil has much

to do with carnations; some careful growers cannot get results with a variety that give splendid results with others and he attributes this to the light or heavy soil of the locality.

Several houses are given over to Maidenhair fern. Hybridum is the main crop, and there is seen a quantity of H. A. Dreer's California, which is considered very fine, and while not furnishing quite so many fronds, the better price makes up the difference. Quite a block of cypripediums were also found to be a good crop.

Snapdragons, one of the specialties here, has this season, or at least is now, very badly infected with rust and this is the condition that exists, Mr.



Tomatoes Under Glass.

"Bide's Recruit" Grown by M. A. Patten & Co., Tewksbury, Mass.

Patton says, with all the growers about Boston. It is attributed to the extremely humid and wet weather of the season, but it is hoped to get plants in condition before it is too late in the fall. Even a lot of young stock that had been purchased from a distance, which was apparently clean, had become so affected that it was necessary to throw them out.

A feature at this establishment is a house of a new English forcing tomato, called Bides Recruit, as shown in the illustration herewith. This had been planted from 3½ inch pots on April 2, and in July the first of the crop was ready. It make a very solid, round fruit, setting 12 to 14 to a truss, which hang down in clusters something like grapes, only that the fruit is in pairs, one below the other to the end. The vines were loaded with fruit, —setting— from four to six clusters to a vine. Mr. Patton says they do best when the temperature does not go below 60°. They find this a very good crop to add to and follow the carnations, there being a ready sale for all they raise at good figures. Two new houses, King construction, each 42x200 feet, are going up to replace two smaller structures that had outlived their usefulness. There is now about 60,000 feet of glass. It is a very nicely arranged place, with a central shed and everything as neat and orderly as is possible to make it. Two sons are a great assistance to the proprietor, al-

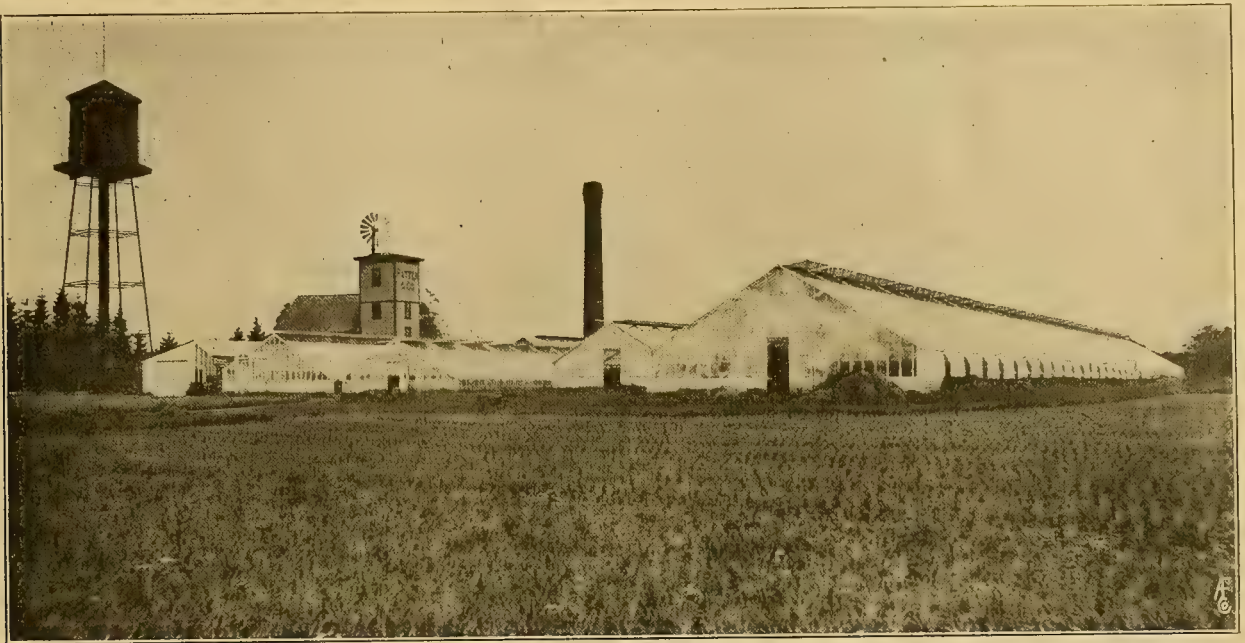
though at this time, Capt. Harold J. Patton is with his company, doing service on the Mexican frontier and Mr. Patton and his other son show their loyalty to the flag by working hard to make up for his absence.

North Philadelphia Growers.

John Kuhn, of Fifth and Tabor streets, one of the best all around men in the business, is like all such of his fellows who have attained this distinction, a hard and intelligent worker. Established as a grower some thirty years ago, on a three-acre plot away out in the country, the city came his way and the grounds are now in a populous center of homes with well kept grounds, which offer a market for nearly all he grows at retail. Mr. Kuhn is a lover of hard wooded plants, making a specialty of heaths and acacias. A whole house is given to *Acacia pubescens* planted out, some of which have a spread of 15 feet. He never has enough of their splendid sprays to meet the demand. An acre of outside stock for summer cut flowers includes a liberal space for asters, which have always done well here, but this season were a failure. Cutting the main stem open, the pith was seen to be apparently chewed up and much of the space hollow or filled with discolored matter, apparently the work of a worm, but while the evidence was there, he has never been able to find one on which to vent his wrath. His other stock has suffered considerably from the dry weather of August, the rainfall of which is officially declared to be less than one inch, while normally it should have been nearly five. The housed carnations look well as do his chrysanthemums, while poinsettias and begonias, splendid stock, were seen in quantity. The whole place exemplifies the fact that hard work and prosperity go hand in hand.

Wm. Koehler, of Bridge street, Frankford, is in luck this season with his asters, some 9,000 plants of which fill three houses. There are 6,000 in 4-inch pots, carrying from four to six flowers, each on long stems, useful for cutting or as pot plants for decorating. They were planted from 2½-inch pots the middle of July. The variety is Dreer's Late Branching, a perfectly formed flower of medium size, always double, without showing center. They have quality plus, and in this season of failure to the outside stock, almost glitter with their golden prospect. *Primula obconica*, dwarf peppers and cinerarias, young, healthy stock, were seen in quantity. *Asparagus plumosus* is also a specialty. Much of this is sold at regular wholesale prices to a department store by the wagon load when ready, and the cry is constantly for more. Mr. Koehler finds this much more satisfactory than peddling a dozen or so here and there for the same price all over town. He still keeps to his wagon delivery. He knows of two retail stores who for years with their horse and wagon managed to get along. Now, without any perceptible increase in their business, each have two autos, and he facetiously said that if it took two cars to do the work of one horse he would still stick to "Old Dobbin."

W. C. Jennings, of Olney, is a rose specialist. There is where the Jennings Improved Iron Gutter was originated, Mr. Jennings using it in a range of ridge and furrow or connected houses. These have now been up 15 years, and while not strictly modern



M. A. PATTEN & CO.'S CARNATION FIELD AND HOUSES, TEWKSBURY, MASS.

as compared with 1916 models, the stock grown is in very satisfactory condition. The feature is a block of some four thousand Prima Donna roses, which, planted in June, are already giving returns, there being a good demand for the flowers. The plants are making a strong, vigorous growth which promises well for the future. A prize found in their package is a pink sport, a lovely shade of which much is expected. Several houses of Maryland are in full flower, while others of Double Pink Killarney and White Killarney, one planted eight years ago and apparently as good as ever, are being rested and groomed for cutting in late November. Fresh horse manure has been found very beneficial as a mulch during the season. Cement ground beds are now used as a foundation for tables. Mr. Jennings having found it easier to handle his stock as regards timing and unfavorable weather for drying out the beds by this method. His houses, about 25,000 feet of glass, are economically heated from an adjoining laundry plant, making use of the boilers at night, which would ordinarily be banked. Two old 20-foot houses are to be replaced in a short time by one of the modern structures, 40 feet in width; there is much more air space to heat in the larger house, but practical men have told him that the expense of heating is one-third less as the larger body of air retains the heat so much longer.

The Florex Greenhouses.

At North Wales, Pa., the mammoth houses of the Florex Gardens, are always interesting to the visitors. More than 140,000 roses covering acres and acres, are seen growing here under these immense roofs as in a field, those in the center of the house seeming to grow and flower as well as on the outside rows next the eaves. The beds for several years were raised but six inches above the ground with board edges; now, when changes are made the height of the bed is put one foot above the walk or floor or level of the ground. In

the hot summer months the temperature runs high; the double row of sash along the ridge for ventilation is there, but could not safely be made as large in proportion as those of smaller houses. The stock, however, appears very vigorous and strong, and many of the beds, which had been dried off and cut back, were breaking nicely. Fine tall plants of Sunburst were seen. These cannot be pruned like the Killarney. The principal sorts grown are Sunburst, Maryland, White and Pink Killarney, Prince E. C. de Arenberg, Shawyer, Hadley, a new pink like Mrs. Russell, but under number, which is thought much of, George Elgar, Sweetheart and a few others. Prince E. C. de Arenberg and Shawyer, of the newer ones, are much liked, the returns being very good.

A lot of sweet peas were up and had their first pinch. They were growing one to a 3-inch pot. The seed had been soaked 24 hours, then set in the pots and covered with sand and there were very few misses. Only the best orchid varieties were sown; they go into the house before September 1 to remain until spring, when tomatoes follow immediately. The summer crop of tomatoes were just being taken out August 16, to make room for the peas. The two crops from this house paid handsomely the past year. They are great economists here, grinding up the ashes from their buckwheat coal and spreading it on the land. At their neighbors, the Lansdale Mushroom Co., where many vegetables are grown under glass, the soil for the benches is composed of one-half ground up cinders, one half compost, from which soil they get the best results.

It was interesting to see the men repairing a roof damaged by hail. Wearing rubber shoes they walked up and over the glazed sash bars or asticles to a V-shaped shelf some ten feet in length and a foot wide, which seemed to stay where placed and would support the weight of several men. It looked like nerry work, but was said not to be dangerous to either the men or the panes of glass. About 3,800 tons of buckwheat coal are re-

quired to keep the houses going for the winter season. A large house of carnations recently planted looked very well. The magnitude of the place is shown in that the force totals over 60 men, which are kept constantly employed. K.

THE CARNATION.

Encouraging Growth of Young Plants.

The plants benched in July or early in August are now in fine growth. These bright September days, with cool nights, are just what they need, giving fine color and texture to the foliage and growth. The next month or six weeks is one of the critical periods in the encouragement of the growth of the plants for a bountiful supply of flowers during the mid-winter months. Every healthy, vigorous shoot the plants can be induced to make at this time means so many more long stem flowers later on. Do not neglect any part of the general routine work in the care of the plants. Attend to the watering as it is needed, being careful not to allow the soil to get either extremely wet or over dry; there is considerable more moisture in the atmosphere and less drying period with each day than a week or two ago, so that the soil retains the moisture better and takes longer to dry out. This should be a guide for doing any of the necessary watering or syringing earlier in the day, so that the foliage of the plants and the walks of the houses are well dried up before night; wet foliage and damp, close conditions about the house at night will cause disease among the plants quicker than anything else.

The fresh, live soil usually has a generous amount of weed seed in it, which sprouts up quickly under the treatment necessary for the newly planted bed. These weeds should be kept cleaned out as soon as they become large enough to handle and not allowed to remain long enough to form

a mat around the plants as well as choking off the air and light from the soil. Do not allow any rubbish to accumulate in the walks or underneath the benches—keeping everything clean about the houses as well as the plants is one of the essential parts of good culture.

The plants are growing fast, pushing their roots out into the soil, making it quite important that the beds be put into as even a condition as possible. A wet surface and dry underneath is detrimental to the growth of the plants and one of the causes of stem rot. After the soil has been put into a condition that the water will pass freely through it, the beds will dry out evenly and the grower has his plants under control.

The question of continuing the topping of the shoots depends on the size of the plants, the variety under consideration, and the time the first heavy crop of flowers is wanted. Varieties with heavy foliage and slow growth should not be topped after September 15, but red varieties, with growth similar to Beacon, and from which the principal aim at this time is a heavy crop for Christmas, should receive their last topping the last days of September. If flowers are wanted in a few weeks, the most forward plants should be allowed to come into bloom, but unless there is a sure demand for the flowers it is a poor plan to time a heavy crop of carnations to come in when the chrysanthemum season is at its height. Short stem flowers are also usually a drug on the market during October. Careful growers take these facts into consideration and govern themselves accordingly.

Attend to the work of supporting the plants; they are much easier to ring or wire up now than they will be two or three weeks hence when larger and the branches more brittle. Any needed repairs or broken glass should be attended to before the fall rains set in and the nights become cold.

C. W. JOHNSON.

Solid Benches and Cement Walks.

ED. AMERICAN FLORIST:

I desire to know if greenhouses with cement footings for benches are practical or satisfactory; that is ground benches, for carnations and general work? Do they require more or less heat and fuel than wooden benches? Would you advise them for roses? I do not mean cement benches, but ground benches with cement footings for walks.

P. F. S.

Washington.

While many small growers use solid benches, especially in the hottest part of the country, we prefer to use raised benches for ordinary forcing crops, such as roses, carnations and chrysanthemums. Especially where the temperature is but little above the zero mark, fairly good results have been secured with carnations and chrysanthemums, but we prefer raised benches for most crops.

L. R. T.

NEWPORT, R. I.—The Newport Garden Club has purchased the villa formerly known as the Perkins-Bruen estate for its new home.

HOUSTON, TEX.—The city has purchased a large tract near the convention garden which will be used as an exposition site. One of the buildings will be used as a floral hall.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Featuring in the Retail Store.

When an important occasion arises, great preparation is generally made to be in readiness for the event so that the greatest result, either in business or pleasure, shall be enjoyed. The newspapers always feature the happenings of the day with more or less startling headlines that call the attention of their readers to the story in such a way that they are sure to give it at least a glance, and if interested, read it to the end. The greatest of all the featuring is found in the columns of the department store advertising, almost every article offered being put forward in as attractive a manner as the skilled men in charge can present it. The special drives put forward at certain seasons, generally to enliven a dull time, such as the August furniture sales, are especially featured, great preparations being made to attract the attention of buyers.

This plan of pushing business is not confined to the large store; many other branches of importance, but of small magnitude when compared to the great emporiums, find it profitable to adopt such methods, to attract the attention of the public and enhance their sales. The most successful stores in all the cities and large towns of the country now adopt this plan of featuring everything they offer. The tailors, the hat stores, haberdashers, druggists and gift stores and many other lines continually follow one feature after another until the people are bewildered with the great opportunities spread before them. The firms who manufacture specialties, which are universally advertised, augment this with window displays by special artists, who by appropriate poster and other advertising matter, and an ar-

tistic arrangement, show off the goods to the best advantage and greatly increase their sale.

Why should not the retail florist adopt this featuring of the goods he has to sell and attract and interest the public by such up to date selling methods in securing new customers? There are some live wires, who have seen the light and greatly profited by the adoption of this system. Week end sales of roses at times of great production at reduced prices have resulted in a great increase of business to the retailer and made a welcome outlet for the supply house. These special sales provide a splendid opportunity to the dealer who will handle them in an intelligent way; they are of especial advantage to put life into a dull or sluggish time. By laying out a campaign for the year, certain plants and cut flowers will be found available at various seasons. They can be handled in quantity and show a very good profit in these special sales. A very slight reduction is necessary in some cases and in others, while the price may be more inviting, the necessary percentage of profit must be maintained. Good showy window cards and price tags are as essential as the stock; they are the "Silent Salesman" of the business, always on duty, but never counting in the pay roll. Never mind the ethics of the price card; it should be on everything in the shop, so plainly figured that the customers can wait on themselves at busy times, many sales being made when the regular price tag shows the cost to be much less than expected. When displayed on the goods in the window, so that "all who run may read," it is effective to many who had no intention of buying, but being attracted by the artistic arrangement of the plants and the price, become customers. Regular stock should be given prominence wherever possible. Choice roses, if placed in deep high handled baskets, with zinc containers, have an added attractiveness when



NICHOLS' FLOWER STORE, JOLIET, ILL.

lifted out of the case to show customers. The arrangement gives a decorative effect that is not possible in the fibre or vase of any kind; they are also easily handled and take up but little more room in the case.

Every part of the store that is not constantly in use should have its equipment of featured goods. A wall space or corner, a table here and there, arranged with something inviting, choice jardinières or up-to-date vases or flower holders, an attractive something in made up baskets on the end of the counter to be called to the at-

Hardy Chrysanthemums.

Paper by Richard Vincent, Jr., White Marsh, Md., read before the Lawrence, L. I., N. Y., Garden Club, September 14, 1916.

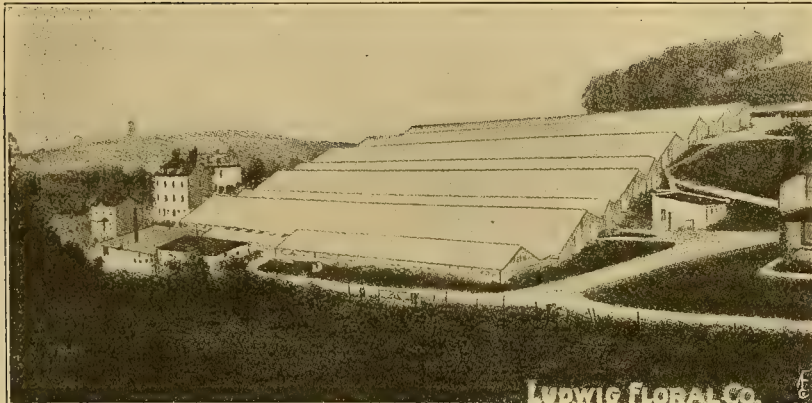
I am here today to talk on hardy chrysanthemums, the queen of late autumn, for we find her reigning supreme when the early winter blasts have killed almost all other flowers. And chrysanthemums are practically the only plants blooming to brighten up our beds and shrubbery, and the uses that they can be put to are almost unlimited. It is a flower that can be adapted to almost any locality and

and the large flowered ones were all the go, and the old time pompons were practically forgotten.

About 15 years ago I took a notion that these discarded hardy chrysanthemums were entitled to a front place among our autumn flowers, and set about accomplishing the same, but was told by a number that I was a crank, that pompon chrysanthemums were a thing of the past, and there was no place for them. I persisted in my efforts to reintroduce them, however, and results show whether I was right or not. Nearly every florist the country over now uses them, and very few chrysanthemum decorations are thought complete without them whenever they can be obtained. When I had made up my mind to introduce them, I found that there was very few varieties obtainable, a poor collection, but having set my mind on having a good collection, we secured all the varieties that were to be found anywhere and we crossed and recrossed the varieties, raising a large number of seedlings, (thousands of them for several years), until we secured one of the best collections that up to that time the world had ever known. As soon as we had a good collection, we commenced to advertise, people woke up to their possibilities, and soon hardy chrysanthemums were everywhere.

One of our first exhibitions was in the Macey building, New York, and gardeners and visitors were amazed at their beauty. I believe the next year we made another exhibit in New York where the Chrysanthemum Society of America held their show and meeting. Up to this time the society had not recognized hardy or single chrysanthemums, and on the floor at that meeting I demanded recognition, and it was granted and from that time, premium lists were not considered complete without they contained classes for pompons and singles.

To have the finest of flowers, many florists have whole greenhouses planted in them, as it is found that for extra fine work the field grown plants are often damaged by rains or early frosts; that while standing in the beds, etc., they will look fairly well, but when gathered they do not compare favorably with those grown inside for cut flowers, or design work.



LUDWIG FLORAL CO'S SAXONWALD GREENHOUSES AT CASTLE SHANNON, PA.

tention of the uncertain customer, are all points of interest to the visitors and necessary in the up-to-date store-keeping of today. In fact, there is nothing worth carrying in stock so commonplace that it cannot, in its turn, be given a place of prominence in such a way as to bring its merits before the customers. In a great many retail stores, the arrangement of goods on sale is lamentably poor. Many new things, baskets or flower holders, novel in their way, that are not however standard, are useful to brighten up the stock, but comparatively few men display them properly or even know how best to fill them. Nothing should "hang around" if it does not appear to take; it should be worked off at a reduced price before it gets shopworn. Some storekeepers never carry fancy goods over from one season to another, their price being constantly reduced until they are disposed of even at a loss, whatever is received being counted as so much saved. Let the merchant who has a desire to improve his store along these lines, make a tour of inspection of the modern drug or gift stores or some of the department palaces and notice the very complete manner in which the various goods are displayed and offered for sale. He will find plenty of ideas which will be of great value when modified to suit his requirements.

K.

PORTLAND, ORE.—G. J. Burkhardt is erecting one house at 112 North Twenty-third street.

ELYRIA, O.—The L. C. Hecock Floral Co. has been incorporated with a capital stock of \$20,000.

LOUISVILLE, KY.—The New Nanz & Neuner Co. has completed a new power plant and is building several new houses.

one easy of propagation and growth, and on this account is taking with the masses wherever fall adornment and beauty is required. People are beginning to find out there are varieties that are hardy and vigorous enough to withstand almost the severest of our winters, while there are others that are only suitable for conservatory or greenhouse growing. What varieties do best in your particular locality is a test and problem that you can work out far better than an outsider can tell you.

The hardy chrysanthemum, as the writer knew it, was an old time favorite, the first mention that I can find of it being about the year 300, and with myself from boyhood up, I have always liked it. Well do I remember, as a child, the clumps in my father's garden. Then came a craze,



NEW STORE OF THE ROSE SHOP, LANCASTER, PA.

Pittsburgh.

TRADE SHOWS MUCH IMPROVEMENT.

We have had cool weather during the past week, which seems to have put more life in the flower business. Trade has been very good in both the wholesale and retail lines and indications are that it will continue. There are enough American Beauties to meet the demand, but lilies have dropped off considerably. Asters are arriving much better and stronger. They clean up well each day, except the shorter stems, which are only sold for funeral work. Dahlias are coming much better and are in demand. It seems as though the flower buyer takes to this popular autumn flower more and more each year. The shades and types are beautiful. Some short stemmed carnations are to be had. Greens and smilax are not plentiful.

NOTES.

Edw. McCallum and Mr. Kennerdell, of the Tarentum Floral Co., visited the Pittsburgh Cut Flower Co.'s range at Bakerstown and from there to the Harmony Nurseries, Evans City; then to the McCallum Co.'s establishment at Allison Park, and winding up at J. L. Wyland's. They saw some very good looking places and were pleased with the trip. Carnations and roses were the most noticeable; also a house of Mrs. M. R. Morgan chrysanthemums at the Pittsburgh Cut Flower Co., which are fine. Uncle John Wyland has his houses looking fine with carnations.

Gus Ludwig and wife left September 11 for an extended trip to California, stopping to see their daughter in Chicago. It has been some years since Gus has had a vacation. Gilbert Ludwig has charge of the store during his absence.

Mr. Daschbach, manager of the Kaufman floral department, is planning a dahlia show for next week in connection with their fashion show.

J. J. Fuchs, of the south side, has been very busy with funeral work the past week. His artificial department keeps him busy all the time.

Wm. Colligan, of Poehlmann Bros. Co., Chicago, called on the trade this week. "Bill" was a former Pittsburgh boy.

Zieger Co., of the East End, have a fine display of dahlias and crotons.

Nassau County Horticultural Society.

The regular meeting of the Nassau County Horticultural Society, held on the evening of September 13, was the best attended meeting of the season, and a most interesting session was the result. A letter was received from

Henry Gibson, tendering his resignation as secretary of the society, owing to the fact that he was about to move to a point too remote from Glen Cove to carry out the duties of his office. The resignation was laid on the table and Ernest Westlake was appointed secretary pro tem for the remainder of the year. During his term of office, Mr. Gibson proved to be a genuine hustler and a most capable official, and we deeply regret losing his services. He carries the best wishes of all his fellow members to his new location.

James Gladstone, Harry Goodband and John Ingraham were appointed by President McDonald to act as judges of the exhibits and they turned in the following report: Best muskmelon, Joseph Robinson, first; six ears of corn, Frank Petroccia, first; 25 lima beans, Frank Petroccia, first; six ears of corn, Honeysweet, thanks of the society to Frank Petroccia.

The final schedule for the chrysanthemum show was read and adopted. It contains 53 classes, covering a considerable variety of exhibits and should bring forth a great many entries. In all but a very few classes the competition is open to all. Final arrangements were made for the dahlia show to be held October 5 and James Gladstone was appointed manager of the same with Thomas Twigg as assistant.

An essay on "Mushrooms and Their Culture" was read by Joseph Robinson and proved to be very interesting and full of practical information. Mr. Robinson described the various types of edible fungi and also told of many distinguishing characteristics of the poisonous varieties. Two essays were received from the National Association of Gardeners, one on "The Diabroticus," by Robert Sell of Texas, and the other on "The Maranocetua," by Percy Snow of Pennsylvania. Both were very favorably received.

JAMES MCCARTHY, Cor. Sec'y.

Dayton Florists' and Gardeners' Ass'n.

The second annual outing of the Dayton Florists' and Gardeners' Association was held at the Country club and proved a most enjoyable affair, being attended by more than 100 of the members, their families and friends. An excellent programme of sports of all kinds had been arranged for the enjoyment of both old and young, the feature being the baseball game between the florists and the gardeners, which resulted in a victory for the latter, the score being 8 to 6. The only mishap of the day resulted during the game, when Horace Frank, the umpire, was hit with a ball. Total damage, one black eye, which is fast becoming normal again. The accompanying illustration shows the happy group.

Floriculture at Wisconsin State Fair.

Owing no doubt to the agitation of the Milwaukee Florists' Club through its committee, its president, and last, but not least, A. Leidiger, who acted as assistant superintendent on the grounds, the floricultural display at the Wisconsin state fair, which was held at Milwaukee September 12-16, excelled any previous year both in quality and number of exhibits. The place of display was ideal, except for the fact that too many of the displays were placed on the floor instead of being arranged on elevations. The weather was fine for the flowers, though not for the state fair officials, and most of the displays, both cut blooms and designs, kept well. Fred Vogel, Jr., (Jas. Livingstone, Gr.) staged an exceptionally well grown group of perennials and A. F. Kellner Co. had a group of palms; also a group of ferns, which for effect were far ahead of anything of its kind shown. E. C. Lowe, of Sunny Point, again had his usual large display of perennials. The awards in the professional classes follow:

Collection of greenhouse plants not less than 25 varieties, to cover not less than 50 square feet—Holton & Hunkle Co., 1st; Aug. F. Kellner Co., 2nd; C. C. Pollworth Co., 3rd; A. Klokner, 4th.

Display of palms covering not less than 50 square feet—C. C. Pollworth Co., 1st; Holton & Hunkle Co., 2nd; Aug. F. Kellner Co., 3rd; A. Klokner, 4th.

Display of ferns covering not less than 50 square feet—Holton & Hunkle Co., 1st; Aug. F. Kellner Co., 2nd; C. C. Pollworth Co., 3rd.

Display of foliage plants covering not less than 50 square feet—Holton & Hunkle Co., 1st; C. C. Pollworth Co., 2nd; A. Klokner, 3rd.

Specimen nephrolepis—Holton & Hunkle Co., 1st; Ernst Eberhardt, 2nd; C. C. Pollworth Co., 3rd.

Specimen palm—C. C. Pollworth Co., 1st; Holton & Hunkle Co., 2nd; A. Klokner, 3rd.

Most artistically arranged floral wreath not less than 21-inch frame—J. C. Arnold, 1st; Edlefsen-Leidiger Co., 2nd; Ernst Eberhardt, 3rd; Rudolph Preuss, 4th.

Most artistically arranged basket of cut flowers—Edlefsen-Leidiger Co., 1st; Ernst Eberhardt, 2nd; A. Klokner, 3rd; J. C. Arnold, 4th.

Display of not less than 200 gladioli blooms—E. C. Lowe, 1st; Ernst Eberhardt, 2nd; A. Klokner, 3rd.

Display of not less than 150 dahlia blooms—Ernst Eberhardt, 1st; J. F. Fitchett, 2nd. Best 25 red carnations—C. C. Pollworth Co., 1st.

Best 25 light pink carnations—C. C. Pollworth Co., 1st.

Best 25 pink roses—C. C. Pollworth Co., 1st; Holton & Hunkle Co., 2nd.

Best 25 white roses—C. C. Pollworth Co., 1st; Holton & Hunkle Co., 2nd.

Best 25 red roses—Holton & Hunkle Co., 1st; C. C. Pollworth Co., 2nd.

Best 25 any other color roses—Holton & Hunkle Co., 1st; C. C. Pollworth Co., 2nd.

Best 25 Easter lilies—C. C. Pollworth Co., 1st; Holton & Hunkle Co., 2nd.

Best 12 chrysanthemums—C. C. Pollworth Co., 1st.

Best display of perennial phlox, not less than five named varieties—E. C. Lowe, 1st; Ernst Eberhardt, 2nd; A. Klokner, 3rd.

Best display perennial helianthus, named varieties—A. Klokner, 1st; E. C. Lowe, 2nd.

Best display perennial delphiniums, named—E. C. Lowe, 1st; A. Klokner, 2nd.

Best display hardy gaillardias—Fred Vogel, Jr., 1st; Ernst Eberhardt, 2nd; E. C. Lowe, 3rd.



DAYTON FLORISTS' AND GARDENERS' ASSOCIATION ANNUAL OUTING, AUGUST 30 1916.

Los Angeles.

GOOD SUPPLY BUT DEMAND WEAKENS.

The weather during the past week has been considerably warmer, but no damage has resulted so far to outdoor stock. Carnations are coming in plentifully and the quality is good. Assters are also arriving in goodly numbers. The same can be said of choice dahlias but they seem to move without difficulty. A few lily of the valley were seen during the past week but the supply is scarce. Roses are improving. On the whole, business is not as good as it has been for several weeks previous. Many are away at the beaches and mountain resorts, and trade is confined to funeral work and the ordinary run of bouquets.

NOTES.

J. W. Wolters has been busy getting out funeral work. He is also fortunate in having a supply of lily of the valley, which is scarce at present. Fred Dostal, one of the staff at this establishment, is taking his vacation in the deer country. We will report results later.

Wolfskill Bros. & Morris Goldenson were among the busy people during the past week, despite the general dullness. Morris Goldenson has returned from his camping trip and reports a fine time. Albert Goldenson is now enjoying his annual outing.

Howard & Smith have been doing considerable funeral work of late and also report a good demand for bouquets and ferns. Made up baskets of asters and perennial phloxes seen here were attractive and appeared to sell well.

Carl Cropp, representing Vaughan's Seed Store, Chicago, spent several days in this vicinity on his recent trip to the coast, leaving here for San Francisco.

Wright's Flower Shop, Inc., have been displaying a fine lot of roses, especially Pink Killarneys and American Beauty. Business is reported a little quiet.

Seki Bros. & Co., are showing extra fine chrysanthemums considering the earliness of the season. Counter trade seemed to be good.

G. H. H.

N. Y. and N. J. Ass'n. of Plant Growers.

The first autumn meeting of the New York and New Jersey Association of Plant Growers was held September 14, at the offices of William H. Siebrecht, Jr., the secretary and attorney for the association. After the meeting, the members and a few friends journeyed to Coney Island, as is their custom at this time of the year. Automobiles to transport the party were provided by A. L. Miller, J. H. Fiesser, William H. Siebrecht, Jr., H. Baumann, Roman J. Irwin and H. Harris. The party journeyed through Forest park, Highland park, Prospect park and Ocean parkway to Coney Island. At about half way, the customary stop was made at Trommer's brewery to sample the quality of the brew.

At Stauch's pavilion at Coney Island, the party showed considerable interest in the accommodations which could be made in the event of that place being selected for the purpose of entertaining the delegates and their friends at the 1917 convention of the S. A. F. A very hearty and well-served dinner was thoroughly enjoyed. That was nothing unusual, but rather the customary thing at Stauch's. After dining, the party inspected Feltman's, and made a tour through Luna park and several of the other places of amusement, and then returned home in the automobiles.

Those who participated were A. L. Miller, J. H. Fiesser, Walter F. Sheri-

dan, F. R. Pierson, Daniel Wittpenn, William H. Siebrecht, Jr., Messrs. Lehnig and Winnefeld, H. Baumann, H. Baumann, Jr., Roman J. Irwin, H. Schmidt, Louis Schmutz, Jr., H. Harris, H. Darlington, Alfred Zeller, Hermann Schoelzel, T. W. Langan and Frederick Klenk.

Westchester and Fairfield Hort. Society.

A well attended and interesting meeting of the above society was held in its rooms in Hubbard hall, Greenwich, Conn., September 8, President Seely in the chair. Several new members were enrolled and a number were reported on the waiting list. The fall show committee reported progress and several very substantial additions to the premium list were announced and filed. The displays of the evening were very choice, although not as numerous as usual. The judges reported the following awards: Mills & Co., Mamaroneck, N. Y., high commendation for display of dahlias and special mention for seedling dahlias; William Graham, certificate of merit for Rose Ophelia and vote of thanks for Centaurea Americana; Anton Pederson, certificate of merit for seedling tomato, Stamford Beauty, a new variety which seems good and a great yielder, is large and well formed with solid, well-colored fruits; Andrew Whitelaw, vote of thanks for display of Yellow Ponderosa tomatoes. After the regular routine of business was disposed of, the members enjoyed a social session. The next meeting will be held October 13, at which time a display of dahlias and other seasonal flowers will be in order.

P. W. POPP, Cor. Sec'y.

Worcester, Mass.

William Luby, formerly designer and salesman for H. E. A. Lange, and William Estabrook, a well known carnation grower, with greenhouses in North Worcester, have formed a partnership and bought the stock and business of Fisher, the Florist, 537 Main street. Alterations are under way in the store and new, up-to-date fixtures will be installed. The many friends of the partners in the new enterprise wish them all kinds of success.

That Fred Madaus has received his share of the prosperity that has struck Worcester is very evident, for he has found it necessary to seek new quarters for his growing trade. He may now be found at 370 Main street, next door to his former location, where he has nearly twice as much floor space as formerly. A new delivery car is another sign of good times at this enterprising florist's establishment.

R.

Rhode Island Horticultural Society.

The September show of the Rhode Island Horticultural Society was held in the ball room of the Narragansett hotel, September 12-13, and seemed to surpass anything in its class that had been attempted so far. The displays of dahlias were excellent and there was a fine showing of gladioli, for which the Carmichael Orchards of Shannock were awarded first prize. George L. Stillman, Westerly, R. I., took several prizes in the dahlia section. There was also a fine display of fruits and vegetables attractively arranged, M. Jannotti, of Johnson, R. I., being awarded several first prizes for excellence. The show was voted a splendid success and the November exhibition, which will be held at the same place, is eagerly looked forward to. Much credit is due the officers of the association and Chairman Eugene Appleton.

H. A. T.

Highways and Byways.

Kankakee, Ill.—The Schaefer Floral Co. is growing 10,000 chrysanthemums and 9,000 carnations, but says these will not be sufficient for its need the coming season from the present looks of things.

Mattoon, Ill.—Rumor has it that John W. Shrader will take a partner into the business about the first of the year.

Champaign, Ill.—John E. Yeats has moved into attractive new quarters and has everything in fine order for the fall business.

Indianapolis, Ind.—The recent cool weather has given a decided impetus to retail business here.

Paris, Ill.—John Helfrich has an up-to-date store and says business is good.

A. H.

OBITUARY.

Seth Low.

Seth Low, twice mayor of Brooklyn, later mayor of the consolidated cities now known as Greater New York, 12 years president of Columbia College and for 33 years a member of its board of trustees, died at his country home, Bedford Hills, N. Y., Sunday, September 17, aged 66 years. For the good he has done, and for the interest he had always shown in every good and useful work, including horticulture and agriculture, the name of Seth Low is one which every true American should honor. We have been taught, and justly so, to admire the men born in log cabins or under similar humble conditions, who have risen to high places, but Seth Low was not one of them. He inherited large wealth, but instead of living in idleness and luxury, he devoted his time and much of his fortune to the betterment of his fellow men.

Mr. Lowe was a liberal patron of horticulture and the products of his beautiful place at Rye, N. Y., have frequently been seen in the flower shows in New York. He is survived by a widow, but no children. Two nieces and a nephew shared his home.

William Necker.

William Necker, an undertaker, with headquarters at Union Hill (Weehawken), N. J., who also conducted a florist business in connection therewith, died September 12 in the North Hudson, N. J., hospital, following an operation. He was 45 years old. He was well known in the wholesale cut flower district of New York. In the past he attracted considerable attention by professing to fight what he called the "undertakers' trust;" also by advertising stock for sale in his undertaking enterprises, he having had branches in New York and vicinity. He is survived by a widow and four children.

A. F. F.

JEFFERSON, WIS.—One house, which will be operated by A. Rathjen, is being built here.

NEWARK, N. J.—A five per cent dividend has been declared for the creditors of H. C. Strobell & Co.

ELGIN, ILL.—J. H. Wilson is building two new houses at 427 Summit street and is going into business for himself.

ST. LOUIS, MO.—Henry C. Ostertag, well-known florist, has been appointed a member of the board of police commissioners.

THE AMERICAN FLORIST

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We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,

440 S. Dearborn St., CHICAGO

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LEAD has made another advance of seven cents per pound.

SOME retailers say they have no trouble getting fancy prices when stock is scarce.

OUTDOOR flowers were finished for the season by the light frosts of last week in many sections.

IMPORT problems are puzzling all lines this year, florists, seedsmen, nurserymen and dealers in supplies.

FERN fronds gathered in the woods for florists' use are reported somewhat small but of good keeping quality.

GLADIOLUS growers who have had an opportunity to figure receipts and expenses say there has been no profit in the cutflower business this season, probably due to the excessive heat and drought of the past summer and delay in getting out the bulbs, caused by continuous wet weather at planting time.

Hail Damage.

A terrific hail storm which swept Hartford City, Ind., September 7, destroyed nearly all the glass at the establishment of the Hartford City Floral Co. The loss was covered by insurance in the Florists' Hail Association.

Coal Advances.

The Black Diamond says: The coal situation is getting tense. Southern Illinois operators announce a 10 cents a ton advance, effective September 20, on all domestic sizes, and the remainder of the state and Indiana will follow suit. Orders booked are sufficient to clean up the entire supply on local docks and leave additional demand upon all rail trade. This means that the west is short of coal now as a result of car and labor shortages and lack of storage during the past summer. Agencies are telling retailers who may need anthracite by December 1 to order now. Some smaller concerns advanced prices 25 cents and premium of \$2 is predicted by October 1. Screenings or fine bituminous, which sold a year ago at 42½ cents at mine, now sells for 95 cents.

Rankin Missing.

Lewis P. Rankin, who for several years was foreman for William A. Leonard, of Lansdowne, Pa., and who two years ago purchased the greenhouses of William Foster at Westerly, R. I., and later opened a retail shop in that city, has mysteriously disappeared. He left home Tuesday morning, September 12, to go to New York on business. He visited the S. S. Pen-nock-Meehan store, remarking on leaving that he was going to attend an auction sale of plants. This was the last seen or heard of him since that time.

He is 43 years old, six feet tall, dark hair, blue eyes and square cut jaw, and weighs 167 pounds. He wore a blue suit and dark soft hat. He also wore a masonic pin. There was no reason as far as known for his willfully leaving town. Any word as to his whereabouts will be thankfully received by his family. K.

Useless Multiplication of Fertilizer Brands

The Federal Trade Commission, in its letter of submittal, transmitting report on the fertilizer industry, has the following under the above head:

"Under present conditions the use of brand names in the sale of mixed fertilizers may be necessary. At least, experience has shown in one case that the sale of fertilizers by formula alone in competition with branded goods was not successful. The multiplication of brands, however, especially by the larger companies, has been carried to absurd lengths, partly as a result of the demand for special formulas, but mainly because of the operation of numerous controlled companies, each with its own line of brands. In several states the seven largest companies, including their controlled companies, registered more than one-half of the total number of brands registered. In the state of Vermont out of a total of 185 brands registered in 1914 by all companies The American Agricultural Chemical Co. registered in its own name and

through subsidiaries 101 brands. Consequently, the same formula is sold under numerous brand names. In South Carolina, for instance, the Virginia-Carolina Chemical Co., in the season of 1913-14, registered 41 brands of 8-3-3 goods—i. e., 8 units of phosphoric acid, 3 units of ammonia, and 3 units of potash under its own name—and 33 brands of 8-3-3 goods under the names of its controlled companies, making a total of 74 brands of fertilizers of substantially the same composition."

Crabb & Hunter Floral Co.

Grand Rapids, Mich.—The business of the Crabb & Hunter Floral Co., which has been in the hands of the Grand Rapids Trust Co., for some time, will be closed out. The trust company writes as follows: "We are about closing out their business, including their greenhouses, stock, store and fixtures. We have given the matter a careful trial and found it impossible to make any money running their business and have concluded to close it up."

Cleveland Flower Show Correction.

In our report of the open air flower show, held at Cleveland, O., September 2-9, which appeared in our issue of September 16, John Scheepers & Co., Inc., New York, were reported as exhibiting an Abyssinian banana plant, which was an error, their display consisting of an excellent showing of lilies and spiræas.

State Fairs.

The following is a list of coming state fairs with the names and addresses of the superintendents of the horticultural and floricultural departments so far as obtainable:

September 15-23, Springfield.—Illinois State Fair. J. J. McComb, 3327 Potomac avenue, Chicago, superintendent of horticulture; John W. Shaw, Harrisburg, Ill., superintendent of floriculture.

September 18-22, Grand Rapids.—West Michigan State Fair. L. R. Taft, East Lansing, Mich., superintendent of fruits and floriculture.

September 18-23, North Yakima.—Washington State Fair. Frank Meredith, general secretary, North Yakima.

September 19-25, Hutchinson.—Kansas State Fair. O. A. Whitney, Topeka, Kans., superintendent of horticulture.

September 23-30, Sedalia.—Missouri State Fair. J. C. Evans, Olden, Mo., superintendent of horticulture; J. C. Evans, Olden, Mo., superintendent of floriculture.

September 25-29, Trenton.—Trenton Inter-State Fair. Arthur J. Farley, New Brunswick, N. J., superintendent of horticulture and floriculture.

September 25-30, Helena.—Montana State Fair. M. L. Dean, Missoula, Mont., superintendent of horticulture and floriculture.

September 25-30, Salem.—Oregon State Fair. J. E. Reynolds, Salem, Ore., superintendent of horticulture; Edyth Tozier Weathered, Salem, Ore., superintendent of floriculture.

September 28-30, Douglas.—Wyoming State Fair. Mrs. H. G. Peters, Douglas, superintendent of floriculture.

October 2-7, Salt Lake City.—Utah State Fair. Wm. O. Knudson, Salt Lake City, superintendent of horticulture and floriculture.

October 5-14, Birmingham.—Alabama State Fair. Mrs. J. B. Reid, 212 Chamber of Commerce Bldg., superintendent of floriculture.

October 9-14, Richmond.—Virginia State Fair. W. C. Saunders, Richmond, Va., general manager.

October 10-13, Hagerstown.—Maryland State Fair.

October 14-19, Dallas.—Texas State Fair. T. I. Wood, superintendent of horticulture.

October 16-21, Raleigh.—State Fair of North Carolina. Professor W. N. Hutt, Raleigh, N. C., superintendent of horticulture and floriculture.

November 1-6, Shreveport.—State Fair of Louisiana. L. N. Bruegerhoff, Shreveport, La., secretary.

November 2-11, Macon.—Georgia State Fair. Carling Schatzman, superintendent of horticulture and floriculture, care of Idle Hour Nurseries, Macon, Ga.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.
Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By a well educated young lady with some experience. Wants position with board; with florist where she can learn designing. Key 684, care American Florist.

Situation Wanted—On private or commercial place; 15 years experience in all branches in and out doors. Capable of taking charge. Single, age 31. LUCIEN LE CLERE.
1112 Church St., St. Joseph, Mo.

Situation Wanted—By single man, age 27; 12 years' experience as gardener and florist; also decorator. Private place preferred. Best references, private and commercial. Address Key 689, care American Florist.

Situation Wanted—As gardener on gentleman's place; understands the growing of fruits, flowers and vegetables under glass; also care of flower and vegetable gardens; middle aged, married, no family. Address Key 683, care American Florist.

Situation Wanted—Young man 26 married; thorough competent grower; carnations, chrysanthemums, pot plants, A 1 designer; reference as to character and ability. EARLE FORTNEY,
1026 Carleton St., Fairmont, West Va.

Situation Wanted—Horticulturist seeks engagement. Scientific and practical experience in raising vegetables in and out of doors; greenhouse management; bush fruits, tree surgery and cut flowers; good wages expected for guaranteed results on large scale; references, married, 32, one child. Address B., Box 35, Pomfret Center, Conn.

Help Wanted—Two good storemen for Chicago loop stores; \$20.00 to \$25.00 per week to right men. Key 686, care American Florist.

Help Wanted—A first-class carnation grower. Apply, stating wages and experience. to MILLER & SONS, Lauder Ave., Toronto, Ont.

Help Wanted—Good saleslady and designer for Chicago loop store. Reply as early as possible, giving experience, age, etc. Key 685, care American Florist.

Help Wanted—Boy for retail store, growers' son preferred. State full particulars. BERNARD SCHMIERER,
849 Irving Park Blvd., Chicago.

Help Wanted—Two good rose growers for modern plant in Illinois; state wages, experience, and enclose references in first letter. Address Key 693, care American Florist.

Help Wanted—Young man to grow roses, carnations and pot stock. Give experience and wages desired in first letter. RUGBY GREENHOUSES, Rugby, No. Dak.

Help Wanted—A young man with experience in landscape work, draughting, etc., as assistant in our landscape department. BERTRAND H. FARR, Wyomissing Nurs. Co., Wyomissing, Pa.

Help Wanted—Competent nurseryman; must be able to supervise help, sober and industrious, and have a clean record. Give full particulars and references. Address Key 694, care American Florist.

Help Wanted—At once, a young man with technical knowledge of general nursery stock and experience in making quick planting plans. This position offers a good future. Address Key 687, care American Florist.

Help Wanted—First-class salesman and artistic decorator; must be an original, young, clean-cut man. Splendid opening with chance for advancement to right party. High-class New York store. Address Key 682, care American Florist.

Help Wanted—Gardener on country place near Elgin, Ill. First-class position to man who understands gardening and care of shrubbery; pleasant living quarters and good pay. Address, stating experience and references. Key 681, care American Florist.

Help Wanted—Competent, experienced man in roses, sweet peas, carnations, chrysanthemums and bedding plants, for general greenhouse work. Must come well recommended. State experience and wages expected. Address Key 688, care American Florist.

Help Wanted—Assistant man for general work in greenhouses. Must be willing and obliging. Permanent position at once, to good, all around man. Salary \$12.00 per week. Give age and experience in first letter. SUFFOLK FLORAL GARDENS,
Box 324, Suffolk, Va.

For Rent—Greenhouse for rent, 8,000 feet of glass, shed, living house. Rent, \$52.00 per month. Stock, \$400. 10 miles from Chicago loop. Key 691, care American Florist.

For Sale—Old established retail store in Chicago, at a bargain. H. THIELMAN,
408 West Division St., Chicago.

For Sale—Beautiful flower store in best residential district in Chicago, on north side. For further particulars address Key 692, care American Florist.

For Sale—Chicago flower store on prominent north side street. Good opportunity for live florist. A. C. KOHLBRAND,
174 North Wabash Avenue, Chicago.

Milwaukee Greenhouses For Sale at a Bargain—10,000 feet of glass; first-class condition; well stocked; fine location; good business; good reason for selling; easy terms. Address Key 674, care American Florist.

For Sale—Old established florist business three greenhouses attached, \$2,500; nothing for good will; stock of plants, implements, horse, wagons, fixtures and supplies will invoice the amount; near hotels and large theatres, 15 minutes from loop. GEORGE C. WAGNER,
3116 Indiana Ave., Chicago.

For Sale—New Liskeard Greenhouse, size, 22x100, with pottery 20x60, large furnace room, cement basement, also drive shed and three stall stable, three lots 50x100 feet. Being sold to wind up an estate; a splendid opportunity for market gardener. The above plant cost \$5,500; will be sacrificed. For terms apply to E. C. SYMON, New Liskeard, Ont., Canada.

Wanted to Buy—Greenhouses, land and house in large city anywhere. Give details and terms. Box 22, Kingston, N. J.

Wanted to Rent—Twenty to forty thousand feet of glass near Chicago. For further particulars address Key 655, care American Florist.

Expert Gardener

Seeks engagement on first-class private estate near Chicago; good wages expected in return for guaranteed results.

Key 675, care American Florist.

Help Wanted

Experienced salesman. Must be a good designer. Reply stating experience and salary expected.

RANDOLPH & McCLEMENTS
5936 Penn Avenue, Pittsburgh, Pa.

HELP WANTED.

Single man of good education with first-class knowledge of general nursery stock; one specially adapted for the road. Right salary to the right man. Apply personally, if possible, to

BOBBINK & ATKINS,
Rutherford, New Jersey.

FOR SALE.

Second-Hand Refrigerator.

We are installing a larger refrigerator, and must dispose of our present Orr & Lockett box, 9 ft. long by 4 ft. wide immediately, to make room for the new one. Box is in good condition, and will be sold cheap if taken at once.

SCHILLER, THE FLORIST,
2221 West Madison St., CHICAGO

Situation Wanted.

A 1 designer, salesman and all-around storeman, capable of managing an up-to-date place. Will have no objection to represent some reliable house on the road, for I know the game from A to Z, and am ready to start work immediately. Married, and have family. For further particulars address

Key 677, care American Florist.

FOR SALE

Three Moninger greenhouses, 27x150 feet, all planted to chrysanthemums and one propagating house, 18x75 feet, planted to Sprengerii, all A 1 stock. Modern 7-room residence barn, passenger automobile, delivery truck, etc. The greenhouses were built recently and are located 16 miles from the Chicago wholesale market. Buyer can take immediate possession and will find this to be a big bargain. For further particulars address

Key 671, care American Florist.

CIVIL SERVICE BOARD

West Chicago Park Commissioners

The Civil Service Board of the West Chicago Park Commissioners will hold the following examination on the date and at the place given below. Application blanks may be obtained at the office of the Board in Union Park or at the West Park playgrounds. Examination No. 225.

FLORIST, Class G Rank II. Original entrance, pay \$80.00 to \$90.00 per month. To be held October 3rd, 1916, at 9:00 a. m., at the Garfield Park Pavilion. Open to men over 21 years of age regardless of residence. Applications must be filed in the office of the Civil Service Board in Union Park before 5:00 p. m. of October 2nd, 1916.

Subjects: Special Subject, weight of 6; Experience, weight of 3; Physical, weight of 1.

Special Subject: An oral and practical test in exhibition greenhouse work and written questions on the care and propagation of plants and general greenhouse operations.

The duties of the florist are general work in the conservatory and propagating house and in the outdoor gardens throughout the system.

FRED G. HEUCHLING,

Sept. 6, 1916. Superintendent of Employment.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

The Florists' Supply House of America

NEW CROP IMMORTELLS

All Colors. Get the Best.

GOOD RED ROPING OR RED FRIEZE

Medium Size. COLORS—Red, Green, White, Purple and Blue.

Get Our Good Brand CYCAS LEAVES, The Perfect Leaves, All Sizes.

SEND FOR OTHER SUPPLIES.

Get your orders ready and send in for our new
Baskets to brighten up your store appearance.

A choice selection in lots of \$10.00 to \$25.00 would answer the purpose.

H. BAYERSDORFER & CO.,
1129 ARCH STREET, PHILADELPHIA, PA.

Kansas City, Mo.

INDICATIONS OF BIG FALL TRADE.

Business is showing an increase daily and the supply is good and is showing improvement. Gladioli are still in the lead and are selling at prices ranging from two to seven cents. Lilies are of better quality and the supply is about equal to that of last week. Roses are somewhat more plentiful and the grade is better, especially in Ophelia, Sunburst and Mrs. Russell, with American Beauties about the same. Dahlias have made their appearance and are of fair quality, but the stems are short. Chrysanthemums are more plentiful and considering the season, are good. With the annual fashion show starting September 25, followed by the American Royal live stock show, October 3, a big increase in orders for decorations is looked for as well as large bouquets and corsages. The first frost was registered September 14, but from all reports in this vicinity, was light and little damage was done.

NOTES.

W. J. Barnes has returned from Chicago, where he spent a week purchasing a line of palms and decorative plants. Business has been very good. On September 11 orders were received for 58 funeral designs, and on September 16 he redecorated the Emery, Bird & Thayer store for its fifty-third anniversary, which will be followed by a special decoration for the fashion show.

T. J. Noll & Co. are handling a fine line of California grown gladioli in addition to chrysanthemums and asters. Roses are more plentiful and better in quality. The shipping trade here is showing steady gains and looks very promising.

Manager Parker, of the Geo. M. Kellogg Flower & Plant Co., is remodeling and brightening up the store in preparation for the coming season, which is expected to be a busy one. This firm is beginning to cut roses.

Wm. L. Rock Flower Co. is cutting good roses and reports everything in good shape in the greenhouses and stock improving with the arrival of

FIELD-GROWN CARNATION PLANTS

Extra fine stock ready for immediate delivery. Order today.

	Per 100	Per 1000
Zoe Symonds, - - -	\$4.50	\$40.00
Washington, - - -	4.50	40.00
Philadelphia, - - -	4.50	40.00
White Perfection, - - -	4.50	40.00

Peter Reinberg

WHOLESALE FLORIST

30 East Randolph Street, L. D. PHONE CENTRAL 2846 CHICAGO, ILL.

cool weather. Wm. L. Rock is enjoying a ten-day fishing trip.

Mrs. T. A. Mosely, of Kansas City, Kan., has returned from the lake and is prepared for another good year. She will be one of the entrants in the flower parade to be held on that side of the river.

The fall demand for bouquets and basket arrangements in addition to a steady call for funeral work keeps Arthur Newell's staff busy. He reports stock more plentiful.

H. Kusik & Co. have a good line of asters, lilies and gladioli, with the rose supply getting better daily. Trade is

improving and supplies are moving better.

Wright & Ragan, of Hickman Mills, are building two new houses, each 27x200 feet, which will be devoted to carnations and chrysanthemums.

Chas. Biederman & Son have a fine showing of stevias, ferns and chrysanthemums. "Billy" says everything is coming along in fine shape.

Mr. Chandler, of the Elmhurst Nurseries, is bringing in some good dahlias. They are about the first seen here this season.

Visitor: Samuel Seligman, Chicago.
E. J. B.

Mammoth Auction Sales

On Tuesday, Sept. 26th and Friday, Sept. 29th

10 O'CLOCK A. M.

of Palms, Ferns, Dracaenas, Rubbers, Etc.

ALSO MAMMOTH SHIPMENTS OF

Dutch and French Grown Bulbs

To be offered in lots to suit the large and small buyer.

SEND FOR WEEKLY CATALOGUE.

The MacNiff Horticultural Co.

52 to 56 Vesey Street, NEW YORK

The Largest Horticultural Salesrooms in the World

NARCISSUS, True

**PAPER WHITE
GRANDIFLORA**

We offer, to arrive, a few dozen cases

Size, 12 ctm. and up,
(in case lots while
unsold) per 1000, **\$7.85**

Our advance contracts are being
filled in full with regular grades,
either 13 ctm. up or 14 ctm. up.

Lilium Formosum

	Per 1000
6 to 8-inch (350 to case).....	\$ 40.00
7 to 9-inch (250 to case).....	58.00
9 to 10-inch (180 to case).....	80.00
10 to 12-inch (100 to case), per case, \$12.00.....	100.00

CALLAS

1½ to 2-inch.....per 100, \$8.50

"JOSS" LILIES

(CHINESE
NARCISSUS)

Per Mat (120
Bulbs) - - \$ 5.00

8 Mats (960
Bulbs) for - 37.50

FREESIAS

PURITY TRUE

	Per 100	Per 1000
½-in. to ⅝-in.....	\$1.25	\$10.00
⅝-in. to ½-in.....	1.00	7.00

VAUGHAN'S IMPROVED PURITY

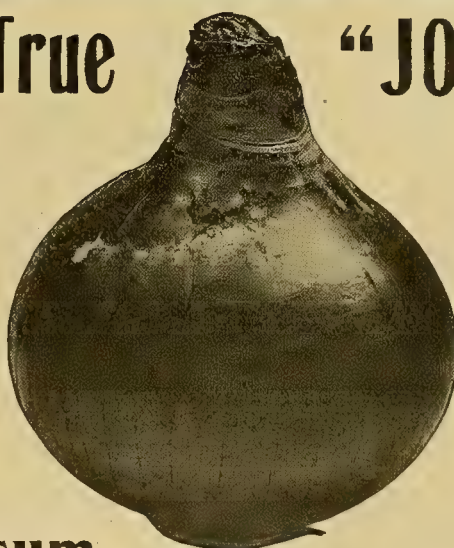
	Per 100	Per 1000
½-in. to ⅝-in.....	\$1.75	\$15.00
⅝-in. to ½-in.....	1.50	12.00

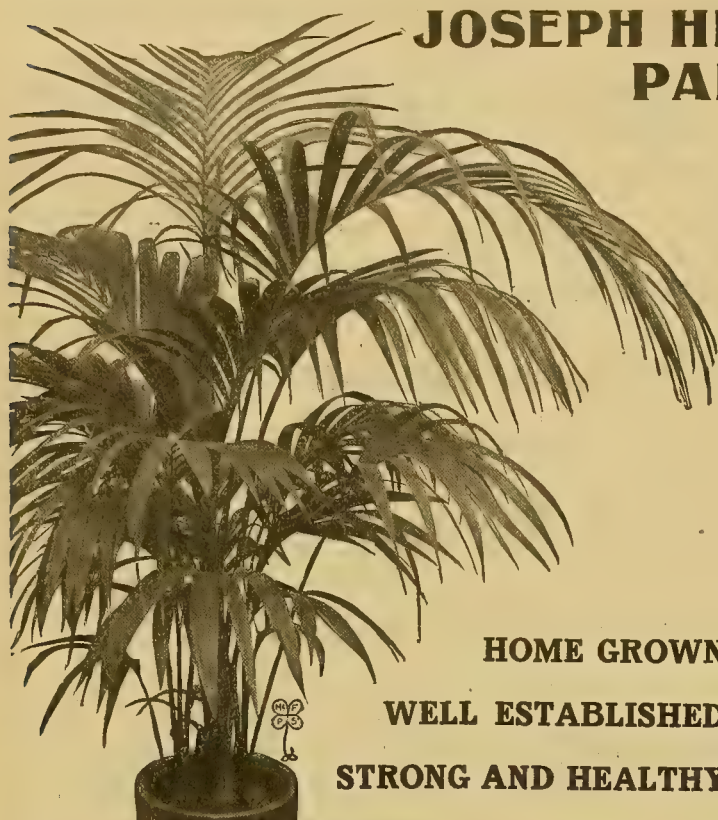
FALL "BOOK FOR FLORISTS" NOW READY.

CHICAGO

VAUGHAN'S SEED STORE

NEW YORK





JOSEPH HEACOCK COMPANY'S PALMS AND FERNS

ARECA LUTESCENS.

In. high	Each
6-in. pot, 3 plants in pot....24-30	\$1.00

COCOS WEDDELLIANA.

In. high	Per doz.	Per 100
2 1/2-in. pot 6-8	\$ 1.50	\$12.00
2 1/2-in. pot 10-12	2.25	18.00

KENTIA BELMOREANA.

Leaves	In. high	Each	Per doz.
2 1/2-in. pot 4	8-10		\$ 1.50
3-in. pot 5	12		2.50
4-in. pot 5-6	15		5.00
5-in. pot 6-7	18-20		.75
6-in. pot 6-7	22-24	1.00	12.00
6-in. pot 6-7	26-28	1.50	18.00
6-in. pot 6-7	30	2.00	24.00
7-in. cedar tub. 6-7	34-36	3.00	36.00
7-in. cedar tub. 6-7	38-40	4.00	48.00
9-in. cedar tub. 6-7	40-42	5.00	60.00
9-in. cedar tub. 6-7	48-54	7.50	

Ready Oct. 15.

9-in. cedar tub. 6-7	5-5 1/2 ft	10.00
----------------------	------------	-------

KENTIA FORSTERIANA.

Leaves	In. high	Each	Per doz.
6-in. pot 5-6	24	1.00	12.00
6-in. pot 5-6	30-32	1.50	18.00

KENTIA FORSTERIANA, Made-Up.

In. high	Each
7-in. cedar tub, 4 plants in tub.....30-36	\$ 3.00
7-in. cedar tub, 4 plants in tub.....38-40	4.00
9-in. cedar tub, 4 plants in tub.....40-42	5.00
9-in. cedar tub, 4 plants in tub.....42-48	6.00

Ft. high	Each
9-in. cedar tub, 4 plants in tub.....4-4 1/2	7.50

Ready Oct. 15.

12-in. cedar tub, 4 plants in tub..... 5	10.00
12-in. cedar tub, 4 plants in tub.....5-5 1/2	12.00
12-in. cedar tub, 4 plants in tub.....5 1/2-6	15.00
12-in. cedar tub, 4 plants in tub..... 6-7	18.00
12-in. cedar tub, 5 plants in tub..... 7-8	22.00

**HOME GROWN
WELL ESTABLISHED
STRONG AND HEALTHY**

CIBOTIUM SCHEIDEL.

Each
9-in. tub, 4 ft. spread.....\$ 4.00
9-in. tub, 5 ft. spread..... 5.00

JOSEPH HEACOCK CO.,

Railway Station,
Jenkintown.

Wyncote, Pa.

A. N. Pierson, Inc.

**Wholesale Florists
CROMWELL, - CONN.**

Dracæna Indivisa

2-in....\$2.00 per 100; \$18.00 per 1000.
Per 1000
Vinca Variegata, 2 in., \$2.00 per 100....\$20.00
S. A. Nutt, 2-in.....16.00
Rex Begonias, 3-in.....per dozen 1.00

Satisfaction guaranteed.

ELMER RAWLINGS,

Wholesale Grower

ALLEGANY, NEW YORK

Providence, R. I.

Stock in all the seasonable varieties has been very plentiful during the past week, but gladioli are now shortening. Asters continue to arrive in large numbers. A few sweet peas were seen but they were not of good quality. The rose crop is heavy and good stock can be bought at low figures. Carnations are making their first appearance, but what few there are of them appear to be good. The demand for pot plants has been unusually good this summer. The flower shops seemed to have boomed this branch of the business this season and have found it profitable to a certain extent, proving that if a thing is pushed it can be sold, and sold at a profit. Ferns, palms and rubbers had a good call and araucarias were also popular.

H. A. T.

COTTAGE MAID

A SPORT OF MRS. C. W. WARD

Get your order in NOW for December and January Delivery.

\$12.00 per 100; \$100.00 per 1000.

COTTAGE GARDENS CO. Inc.

QUEENS, NEW YORK.

Mention the American Florist when writing

GERANIUMS

Guaranteed to reach any point in the U.S. from Chicago East, in good growing condition, or they can be returned and your money refunded. I take all the risk. Summer prices.

S. A. Nutt and Buchner....\$10.00 per 1000
Ricard and Poltevine 12.50 per 1000

ALBERT M. HERR, LANCASTER, PA.

Mention the American Florist when writing

CARNATIONS

F. DORNER & SONS CO.,
Lafayette, - - Indiana

CHAS. H. TOTTY

MADISON, NEW JERSEY

Wholesale Florist

Chrysanthemum Novelties my Specialty

If You are interested in Mid-Winter

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

Mention the American Florist when writing

LATEST EDITION

ISSUED AUGUST, 1916

The American Florist Company's

Trade Directory

FOR 1916

Contains 546 Pages.

Price \$3.00 Postpaid.

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1916, fully revised to date, with thousands of new names and changes of address, is now ready for distribution. It contains 546 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States, Canada, Central and South America arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms Which Issue Catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, Seed Growers, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

American Florist Co.
440 S. Dearborn St., CHICAGO



Don't let your competitor win the race for profits. Don't let another man get a head start. The first rule of the game of business is, DO IT NOW. POEHLMANN'S FLOWERS ALWAYS WIN THE GOAL.

Can Supply Wild Smilax On Two Days' Notice

MINIATURE ROSES, BABY DOLL, CECILE BRUNNER, FIREFLAME AND GEO. ELGAR. YELLOW CHRYSANTHEMUMS, EASTER LILIES, AMERICAN BEAUTY AND MRS. CHARLES RUSSELL ROSES.

CURRENT PRICE LIST—In Effect Now.

AMERICAN BEAUTIES.	
	Per doz.
Long	\$4.00 to \$5.00
30-inch	3.00
24-inch	2.50
20-inch	2.00
Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00.	

OPHELIA, RICHMOND, MILADY, SUNBURST, KILLARNEY BRILLIANT, KILLARNEY, WHITE KILLARNEY, WARD.	
	Per 100
Long	\$8.00
Medium	\$4.00 to 6.00
Short	3.00

MRS. CHAS. RUSSELL.	
	Per 100
36 inches long	\$20.00
30 inches long	18.00
24 inches long	15.00
18 to 20 inches long	12.00
14 to 16 inches long	8.00
Short	\$4.00 to 6.00

MINIATURE ROSES.	
	per 100, \$2.00
Cecile Brunner	per 100, 2.00
Fireflame	per 100, 2.00
Baby Doll	per 100, 2.00
George Elgar	per 100, 2.00

MISCELLANEOUS CUT FLOWERS.	
	Per doz.
Lilies	\$1.00 to \$1.50
Gladioli	2.00 to 3.00
Chrysanthemums—Golden Glow	Per doz., \$1.00 per doz.
Gypsophila	\$1.00 per doz.
CATLEYAS	per doz., \$10.00 to \$15.00
VALLEY	\$4.00, \$5.00, \$6.00 per doz.

GREEN GOODS.

GREEN GOODS.	
	Per doz.
Mexican Ivy	per doz., \$1.00 to \$1.50
Smilax	per doz., \$1.00 to \$1.50
Sprenger and Asparagus Sprays	\$2.00 to \$3.00
Adiantum	1.00 to 1.50
Galax (bronze and green)	per 1,000
New flat ferns	per 1,000
Wild smilax	per case



SUPPLY DEPARTMENT.

WREATHS

made on mossed frames at prices that will save you time and money.

Send for a Special Trial Assortment Wreaths at \$15.00 per dozen which we will guarantee to please the most critical and exacting buyer.

Cycas Leaves

Magnolia Leaves

Artificial Flowers

Prepared Oak in Short Sprays

Write Us For Prices Before Placing Your Order Elsewhere

POEHLMAN

72-74 E. Randolph St.,

Kentias Western Kentias Headquarters

Largest and most complete stock offered in the West, in a healthy, strong and clean condition.

BELMOREANA SINGLE PLANTS.

2½ inch pots, \$1.50 per dozen; \$10.00 per 100;
\$90.00 per 1,000.

	Leaves	Each.
4 inch pots	5-6 16-18 inch high.....	\$0.40
	\$4.50 per dozen; \$35.00 per 100.	

	Leaves	Each.
6 inch pots	6-7 24 inch high.....	1.00
6 inch pots	6-7 28-30 inch high.....	1.50
9 inch tubs	6-7 42-44 heavy.....	5.00
10 inch tubs	6-7 50-54 heavy.....	7.00

Specimen plants, \$60.00-\$75.00.

FORSTERIANA SINGLE PLANTS.

	Leaves	Each.
4 inch pots	5-6 18 inch high.....	\$0.40
	\$4.50 per dozen; \$35.00 per 100.	

6 inch pots	6-7 28-30 inch high.....	1.00
6 inch pots	6-7 34 inch high.....	1.50
6 inch pots	6-7 34-36 inch high.....	2.00
8 inch tubs	6-7 40-42 inch high.....	3.00
8 inch tubs	6-7 42-46 inch high.....	3.50
8 inch tubs	6-7 50-52 inch high.....	5.00
9 inch tubs	6-7 54 inch heavy.....	6.00
9 inch tubs	6-7 60 inch heavy.....	7.00
10 inch tubs	6-7 5-5½ ft.....	8.00
10 inch tubs	6-7 5½-6 ft.....	12.00
15 inch tubs	6-7 8-8½ ft. heavy.....	40.00
15 inch tubs	6-7 9-10 ft. heavy.....	50.00



FORSTERIANA MADE UP PLANTS.

Plants	Each.
6 inch pots 3 24 inch high.....	\$ 1.50
7 inch tubs 3 30-32 inch high.....	2.50
8 inch tubs 3 38-42 inch high.....	3.50
8 inch tubs 4 48-52 inch high.....	5.00
8 inch tubs 4 52-54 inch high.....	6.00
10 inch tubs 4 54-60 inch high.....	8.00
12 inch tubs 4 60 inch high.....	10.00
12 inch tubs 4 62-66 inch high.....	12.00
12 inch tubs 4 66-70 inch high.....	15.00
15 inch tubs 4 6-6½ ft. heavy.....	25.00
15 inch tubs 4 75-80 in. heavy.....	\$25@30

ARECA LUTESCENS.

Plants	Each.
6 inch pots, 4 plants, 24 inch high.....	\$1.00

ASPIDISTRAS.

5 inch Aspidistra green 10-12 leaves.....	1.00
6 inch Aspidistra green 15-17 leaves.....	1.50
5 inch Aspidistra var. 7 leaves.....	1.00
5 inch Aspidistra var. 10-12 leaves.....	1.50

PHOENIX ROEBELENI.

3 inch pots.....	\$3.50 per doz.
	Each.
6 inch pots, 18 inch high, 24 inch spread..	\$2.00
10 inch tubs, 35 inch high, 46 inch spread..	7.50

Grafted and Own Root Rose Plants.

Grafted, 3½-inch Stock.
\$140.00 per 1000.

00 Pink Killarney	600 Old Gold
00 White Killarney	350 Brilliant
00 Scott Key	900 Elgar

Grafted, 2½-inch Stock.
\$100.00 per 1000.

3900 White Killarney

Own Root, 3½-inch Stock.
\$96.70 per 1000.

400 Pink Killarney	300 Elgar
500 White Killarney	1625 Richmond
197 Old Gold	

CALADIUMS

Finest fancy leaved varieties, 35c, 50c, 75c, \$1.00 and \$1.50 each.

Begonia Chatelaine, 2½ in.....	100 \$ 3.50	1000
3 in.	8.00	
4 in.	15.00	
5 in.	each, 25c	
Begonia Lorraine, 2 in.....	10.00	
Begonia Lorraine, 2½ in.....	12.00	
Coleus Emperor Wilhelm, 3-in. 8c each; 4-in., 15c each.		
Crotons—5-inch, \$7.20 per doz; 6-inch, 75c and \$1 each.		

Cyclamen—3 inch, \$8.00 per 100.
Seedlings, \$40.00 per 1,000.

Primulas Grandiflora and Giant strain, only the choicest varieties, summer delivery, 2½ in.	100 \$3.00	1000
--	------------	------

Smilax, strong new stock, 2½ in. 2.50
3 in. 6.00 50.00

New Pink Snapdragons, 2½-inch pots	100 \$6.00	1000 \$50.00
Stevia, 2½-inch pots	20.00	
Boston Ferns, 5-inch, 40 cents each.		
Boston and Roosevelt Ferns, 6-in., 75c each; 7-in., \$1.00 each.		
Whitmani, 6-in., 75c each.		
Table Ferns, 2½-in., \$3.00 per 100.		

BOXWOODS

	Each
15-in. in burlap .....	.40
18-in. in burlap .....	.50

FIELD-GROWN CARNATION PLANTS

4,000 Gloriosa, - - -	100 \$6.00	1000 \$50.00	3,000 White Perfection, -	100 \$6.00	1000 \$50.00
500 Enchantress, - - -	6.00	50.00	2,000 Philadelphia, - - -	6.00	50.00
1,000 Alice, - - -	7.00	60.00	500 Beacon, - - -	6.00	50.00
000 Champion, - - -	6.00	50.00	500 Matchless, - - -	6.00	50.00

N BROS. CO.

Long Distance Phone,
Randolph 35. CHICAGO, ILL.

Choice Shipping Roses

We cut our flowers tight in the bud as the majority of our trade is shipping. Flowers that are sold mostly to the city trade are allowed to open more than for the shipping trade.

NEW BEAUTIES--Very Fine Flowers--Best In This Market. Good Shipping Stock.

Rhea Reid—Best red rose.

Mrs. Russell—Best pink rose.

Sunburst—Best yellow rose.

Double White Killarney—Best white rose.

Ophelia and **Shawyer**—Are also two good pink roses for summer use.

These in addition to the regular varieties of Roses we are receiving in large quantities direct from our greenhouses within a few hours of being cut, enable us to fill all orders with strictly fresh stock. This is the great advantage of buying direct of the grower. Order here.

CURRENT PRICE LIST

American Beauties		Per doz.
Specials, extra long stems.....		\$4.00
30 to 36-inch stems.....		3.00
Medium stems.....	\$1.00 to	2.00
Shorter lengths.....		.75

No very short stem Beauties.

Hoosier Beauty, Rhea Reid, Ophelia, Sunburst, Shawyer.		Per 100
Extra long		\$8.00
Good medium.....	\$5.00 to	6.00
Short	3.00 to	4.00

Richmond, White and Pink Killarney Killarney Brilliant		Per 100
Long.....	per 100,	\$6.00
Medium.....	"	\$4.00 to 5.00
Short	"	3.00

Mrs. Chas. Russell.		Per 100
Long.....		\$10.00 to \$12.00
Medium	5.00 to	8.00
Short.....		4.00
Cecile Brunner	per bunch,	35c
CARNATIONS , indoor grown.....	per 100,	2.00

Asters at Market Prices.

LILY OF THE VALLEY	\$5.00 to	6.00
ASPARAGUS SPRAYS and SPRENGER	2.00 to	3.00
FERNS , new.....	per 100, 20 cents; in lots	
	of 1000 or more, \$1.50 per 1000.	
ADIANTUM		1.00
GALAX , bronze and green.....	per 1000, \$1.25 to	\$1.50

ROSES, our selection, in lots of 300 or more at the rate of \$25.00 per 1000.

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN

LONG DISTANCE PHONE:

CENTRAL 1457.

Greenhouses: Hinsdale, Ill. and Gregg Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

STOCK IS VERY SCARCE.

The cold spell which set in September 13 caused a sudden shortening up of stock and a grand cleanup in the wholesale market the following day. Much of the outdoor stock suffered considerably from frosts, which, although light, were sufficiently severe to damage most of the exposed tender stock to such an extent that there will be few, if any, outdoor flowers available here from this date. Roses are in short supply and in good demand, especially Mrs. Chas. Russell and American Beauty, which clean up at an early hour at high prices. The other varieties of roses are also moving quickly at advanced prices and many of the dealers report having trouble in filling all their orders. A few asters are reaching the market but are disposed of quickly and the same holds good for carnations, which are also on the short side. Orchids are as scarce as ever and command good prices. Lily of the valley is none too plentiful and is in brisk demand. Chrysanthemums are moving better than they have been but the receipts are not very large and

ATTENTION! GROWERS OF CARNATIONS

PRODUCERS of high grade Carnations will find it to their advantage to consign their stock to us for we have a good market for same and need a larger regular supply. If you grow any other miscellaneous stock along with your Carnations, you may ship it to us also. You may start shipping immediately or as soon as your stock is ready to cut.

J. A. BUDLONG

WHOLESALE FLORIST

184 N. Wabash Avenue,

CHICAGO, ILL.

Mention the American Florist when writing

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

LARGE QUANTITIES

BEAUTIES AND RUSSELLS

Ophelia, Sunburst, Killarney, White Killarney, Champ Weiland,
Milady and other Roses mentioned in the price list below.

Fancy Lilies, Asters, Gladioli, Valley and Complete Line of Greens.

Current Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems	\$4.00
36 to 48-inch stems	3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.00
Short .....	.75

	Per 100
Richmond	\$8.00
Killarney	6.00
White Killarney	5.00
My Maryland	4.00
Sunburst	
Ophelia	
Milady	
Champ Weiland	

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$2.00
Select	1.50
Medium	1.00
Short	\$0.50 to .75
	Per 100
Roses, our selection	\$ 3.00
Asters	\$ 1.00 to 3.00
Carnations	2.00 to 3.00
Chrysanthemums	2.00 to 4.00
Gladioli	3.00 to 6.00
Harisii	10.00 to 12.50
Valley	4.00 to 5.00
Adiantum	1.00
Asparagus, per bunch .....	.50 to .75
Ferns, per 1,000	\$2.00

2,000,000 Feet of Modern Glass

Mention the American Florist when writing

The Chicago Flower Growers Association



182 North Wabash Avenue L. D. Phone Randolph 631

CHICAGO

STEADILY INCREASING SUPPLY

Milady, Russell, Ward, Ophelia, Killarney and White Killarney roses, and All Other Seasonable Cut Flowers.

while some good stock is seen there are many inferior blooms being offered. Some of the California growers are shipping chrysanthemums direct to the local retail florists through a representative who makes the rounds once a week. Another concern is shipping to one of the wholesalers and while some of the stock reaches here in good condition there is considerable loss and it is a question whether it pays the growers to cater to this territory. Lilies are having a good call and there is hardly ever any surplus to speak of. The shipping trade has been exceptionally heavy the past week and while the city trade has improved some it is not what it should be yet and the local retail florists in general report that

outside of one or two brisk days the sales for the past week have been nothing to speak of. One of the leading wholesale florists says that in comparing his sales with last year he finds that the supply of stock in general the past week was away below the same period last year, but that prices were better and the total sales as far as dollars and cents are concerned, compare most favorably.

NOTES.

Abraham Iralson, 356 East Forty-third street, and Harry Conn bought Dinger & Black's establishment at 421 West Sixty-third street last week, known as the Garfield Flower Shop, and took possession September 16. Dinger & Black will continue to oper-

ate their other store, also known as the Garfield Flower Shop, at 302 East Garfield avenue.

Schiller, the Florist, has placed an order with Buchbinder Bros. for a new Buchbinder refrigerator to be installed at their 2221 West Madison street store, where George Asmus so ably presides.

Frank Evert, proprietor of the store doing business under the name of Melrose Florist, reports business as good and is gradually building up a nice trade in his neighborhood.

H. McCauley, a brother of Chas. McCauley, and F. J. McComber are opening a new retail store at 818 Grace street, under the firm name of McComber & McCauley.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

We are now cutting heavily in Ophelia and other roses of unsurpassed quality and can take splendid care of you in what you need in this line.

Current Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.

	Per doz.
Long stems	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
18-inch stems	2.00
12-inch stems	1.50

White—KILLARNEY—Pink.

	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00

RICHMOND

	Per 100
Extra Special	7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00

OPHELIA.

	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Good	3.00

SUNBURST.

	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Good	3.00

GEORGE ELGAR35c per bunch
ROSES, OUR SELECTION \$3.00 PER 100.

LILIES.

Per 100
Fancy\$10.00 to \$12.50

Miscellaneous.

Ferns, per 1,000..... 2.00 to 2.50
Smilax, per doz..... 2.00
Adiantum 1.00
Sprenger, per bunch..... .50
Asparagus Sprays, bunch..... .50
Other Green Goods Market Rates.

Herbert Stone has resigned his position with Mrs. Williams of the Atlas Floral Company, to accept a position with A. H. Schneider, well-known Oak Park florist, who will take him in as a partner in the near future. Mr. Stone has also been in the employ of W. J. Smyth, A. Lange and the Bohannon Floral Co. and needs no introduction to the trade. Mr. Schneider is fortunate in securing his services, for he is without question one of the best all-around storemen in this vicinity.

The American Bulb Co. has sold quite a number of the patent folding canopies that it had on exhibition at the Houston convention, which are big time savers for any florist who has many wedding decorations to arrange. A. Miller and Samuel Seligman are back from out-of-town trips, and it is rumored that Miss Emma Small and Vincent Neil, of this establishment, will be married in the near future.

John Michelsen, with the E. C. Ameling Co., has returned from an eastern business trip, which included a visit to the violet growing establishments at Rhinebeck, N. Y. He reports finding the stock in splendid condition and all arrangements made for his firm for the coming season's supply.

John Kaspar and wife, 4005 West Twenty-sixth street, celebrated their silver wedding Saturday, September 16. They were agreeably surprised and tendered many beautiful presents when a party of friends dropped in that evening and joined them in celebrating the event.

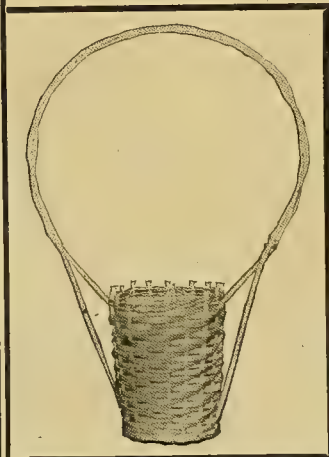
A. T. Pyfer & Co. have made a number of changes at their store, which will give them more space than formerly, including a separate receiving and shipping room. Mr. Pyfer reports business as rushing with a grand cleanup in stock every day.

The Armitage Floral Shop, 2065 Milwaukee avenue, had a dollar day Thursday, September 14, which proved to be a great success. Ferns and palms were their leaders and sold out completely before the store closed for the day.

Chas. Bloom, a brother of Sam Y. Bloom, 822 East Sixty-third street, will open a new store at Clinton, Ia., in the near future. Buchbinder Bros. are furnishing the store fixtures, including a Buchbinder refrigerator.

Paul Blome & Co., 1361 North Clark street, report a great improvement in

THREE BIG BARGAINS



25 SMALL CUT
FLOWER BASKETS, \$7.50
Suitable for pompons, etc.

25 MEDIUM CUT
FLOWER BASKETS, \$15.00
Suitable for roses, carnations, etc.

25 LARGE CUT
FLOWER BASKETS, \$19.00
Suitable for American Beauty and Mrs. Chas. Russell roses, chrysanthemums and other long stemmed cut flowers.

Order as early as possible so as to avoid any possible delay in shipment. Wire in your order today and we will send it out on the next train. Hurry!

Send for our latest Catalog—just off the press.
You need it—a postal will do.

RAEDLEIN BASKET CO.

713 Milwaukee Avenue,

CHICAGO

trade since their customers have returned home from their summer vacations, and are looking forward toward another busy year.

Robert Schwass and wife, of Des Plaines, are rejoicing over the arrival of an eleven-pound baby boy, last week. Mr. and Mrs. Solomon Garland are the proud grandparents.

Fred Wolfram, proprietor of the Warrington Flower Shop, had the decorations for the Caldwell wedding in Oak Park, September 19, which called for quite a supply of stock.

Zech & Mann's store looks fine and dandy since Fred Ottenbacher gave it a new coat of paint. Nick Wuestenberg joined the force at this establishment this week.

W. J. McGee is back from a two weeks' vacation and is again attending to his duties as cashier and bookkeeper at the John Kruchten Co. store.

John Schoepfle, 933 Belmont avenue, wife and daughters, Julia and Gertrude, are back from a pleasant visit in the east.

Joe Erringer will be in the employ of the A. L. Randall Co.'s cut flower department starting next Monday, September 25.

C. Snyder, of the El Paso Carnation Co., El Paso, Tex., wife and daughter Grace are the guests of relatives here this week.

William Johnson is back on the job at A. L. Vaughan & Co.'s store, after enjoying a two weeks' vacation.

Allie Zech, Emil Kroll, Matt Mann and George Damm visited the growers at Maywood, September 14.

Henry Wittbold had several large decorations last week at Marshall Field & Co.'s store.

Fred Haupt, of Louisville, Ky., made a trip here in his automobile this week.



We are handling a large regular supply of American Beauty Roses and can supply you best with what you need all through the season.

CURRENT PRICE LIST—Subject to Change Without Notice.

Beauties.	Per doz.
Long stems	\$3.00 to \$4.00
30 to 36-inch stems	2.50
20 to 24-inch stems	1.50 to 2.00
15 to 18-inch stems	1.00
12-inch stems .....	.75

Mrs. Chas. Russell.

	Per 100
Extra fancy	\$15.00
Good medium	\$10.00 to 12.00
Good short	4.00 to 6.00

Roses.

Ophelia, fancy	\$8.00 to \$10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00

	Per 100
Richmond, fancy	\$ 8.00
" good	\$5.00 to 6.00
" short	2.00 to 4.00
White Killarney, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Ward, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Sunburst, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney Brilliant, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Roses, our selection	3.00

Carnations.

	Per 100
Special fancy	\$3.00
Good	\$1.50 to 2.00

Miscellaneous.

	Per 100
Easter Lilies, select	\$10.00 to \$12.50
Orchids, Cattleyas, per doz.	10.00 to 12.00
Valley	4.00 to 5.00
Chrysanthemums	2.00 to 4.00
Gladioli	2.00 to 6.00
Asters	2.00 to 4.00

Greens.

Asp. Plumosus	per string, \$0.50
Asp. Plumosus Sprays	bunch, \$0.35 to .50
Sprengeri	per bunch, .35 to .50
Adiantum	per 100, 1.00
Smilax, choice	per doz., 1.50 to 2.00
Fancy Ferns	per 1,000, 2.00 to 2.50
Galax Leaves	per 1,000, 1.00

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave, Chicago

G. W. Smith and wife, Cleveland, O., passed through the city this week on their way home from a five weeks' visit at Cody, Wyoming. They report having had a delightful time and bagged a couple of elk on one of their hunting trips and are taking a fine spread of antlers home with them. They had a pleasant visit with J. E. Quallich, of the A. L. Randall Co., who is an old Cleveland boy, and it is needless to add that the meeting was a most pleasant one.

E. F. Winterson bought the Wrenn farm, consisting of six and one-half acres fronting on Green Bay road and adjoining Fritz Bahr's property at Highland Park, and will erect a residence on it in the near future. He traded in his old property at Highland Park, consisting of five and one-half acres, and paid \$15,000 besides. Mr. Winterson and Mr. Bahr are the best of friends and nothing will please the two well-known florists better than to be neighbors.

Miss Anderson, formerly with Poehlmann Bros. Co., and Sandy Clifford, were quietly married last Saturday, September 16, and have the best wishes of their many friends for a safe and happy voyage down the sea of matrimony. Mr. Clifford is proprietor of the old Frank Otto store at Winnetka.

N. J. Wietor reports a great improvement in trade at Wietor Bros.' store with an exceptionally brisk demand for roses. They are cutting a good supply of Ophelia and Sunburst, but there is no surplus now when the store closes for the day, owing to the unusually tight market.

Wholesale Cut Flowers—Greens and Supplies

Prices cheerfully submitted on whatever you need upon request.

O. A. & L. A. Tonner

30 E. Randolph Street, Phone, Central 6284. CHICAGO, ILL.

Mention the American Florist when writing

CHRYSANthemums WANTED

Can handle more stock to good advantage, so ship what you can to me. Checks weekly.

M. C. GUNTERBERG, 158 N. Wabash Ave., CHICAGO, ILL.

Mention the American Florist when writing

J. A. Budlong is supplying the trade with a fancy grade of Ophelia and Sunburst roses in addition to an extra fine supply of Baby Doll roses. This firm filled a large number of orders for Springfield florists this week, who evidently are making exhibits at the state fair.

Oscar Metz, 5525 Harper avenue, bought 35 acres of land and three greenhouses at Ninety-first street and Colfax avenue, September 15. He will continue to operate his old place but will rent the greenhouses located on his new property.

The Atlas Floral Co. is remodeling its East Randolph street store, which will allow more room and give the place a much better appearance. Miss E. Lamparter joined Mrs. Williams' force this week.

The Kenilworth Nurseries bought 15 acres of land last week adjoining its present place, consisting of 20 acres. This concern also owns nearly eight acres of land in Rogers Park, which has increased surprisingly in value the past few years.

The Chicago Flower Growers' Association is receiving a fine supply of roses in all the leading varieties, but the heavy local and out-of-town demand enables them to find a ready market for the steadily increasing cuts.

Miss Fawcett, who is engaged in the retail florist business at Melbourne, Australia, was a visitor in the wholesale market this week.

Joe Marks, with A. Henderson & Co., will start out on his first eastern trip this week for this concern.

The annual meeting of the Vegetable Growers' Association of America will be held at the Hotel LaSalle next week, September 26-29, and from all indications, it looks as if it will be largely attended. On Wednesday, September 27, the visitors will be taken for an inspection trip to north side greenhouses and gardens and luncheon will be served at the Wayside Inn, Morton Grove. The local committee in charge of affairs, consisting principally of well known people in the allied trade lines, are going to have their hands full in entertaining the visitors and would greatly appreciate it if all those in the trade who own automobiles would assist them next Wednesday by furnishing their machines and drivers so the large crowd can be handled conveniently. The chauffeurs will be taken care of as far as luncheon, etc., are concerned and everyone who wishes to help a good cause along and show the "I Will" spirit should get in touch with Fred Lautenschlager, Philip J. Foley or E. F. Kurowski as early as possible. It might not be amiss to mention here that every time any assistance was asked for any worthy cause that all the gentlemen in charge of the local convention affairs were always among the first ones to open their pocketbooks, and if there is such a thing as appreciation in this beautiful city now is a chance for everyone to prove it and notify the committee that their machines will be at their disposal on this occasion.

M. C. Gunterberg visited the violet growing establishments at Rhinebeck, N. Y., while she was in the east and reports that the plants in general look unusually fine this season compared to former years. Starting about October 15 she will have her usual large supply to offer as in previous years. She had a splendid time in Washington, D. C., where she was royally entertained by W. F. Gude and family and Senator Chamberlain of Oregon. Even President Wilson shook hands with her.

Alfred Dietsch, chairman of the trade exhibit committee, says that space is selling well for the annual convention of the Vegetable Growers' Association of America, to be held at the Hotel LaSalle, next week, September 26-29, and that the allied trade lines are well represented, especially the greenhouse manufacturers. Anyone wanting space should call him up immediately, Lincoln 1183, or drop him a line in care of A. Dietsch Co., 2642 Sheffield avenue.

Poehlmann Bros. Co. is cutting a splendid supply of stock of all kinds, particularly roses and chrysanthemums, but the demand is so heavy that it keeps Otto W. Frese busy trying to make 1,000 go around where 2,000 are needed. The sudden cold spell placed all the wholesalers in the same position but the receipts are steadily increasing and a few more days of favorable weather will find plenty of stock to go around.

Johnson & Chronis wish to announce to the trade that there has been no change in their concern and that any rumors to the contrary are merely gossip and probably originated when Mr. Johnson's nephew started in business recently with a Mr. Spetz in that neighborhood. A likeness in business cards passed around the market by the new concern strengthened the rumor.

Bassett & Washburn have sold practically all their field grown plants of Belle Washburn and what few are left will just about take care of the stragglers orders that are arriving. Mr. Washburn reports a heavy shipping demand for cut flowers of all kinds with a shortage of stock in all lines,



COMING BACK

Our customers are all coming back to us this season. This is proof that our stock, prices, etc., are entirely satisfactory. With our increased supply of stock, we can add more customers to our list and still give everyone entire satisfaction. If you have not been a customer of ours in the past, why not begin now?

A. T. PYFER & CO.

WHOLESALE FLORISTS

30 East Randolph Street, CHICAGO, ILL.

Long Distance Telephone—Central 3373.

which holds good for the market in general.

The Alpha Floral Co. devoted a special window to Jessie McCutcheon Raleigh's good fairy statuettes, September 16, which seems to be the hit just now. Andrew Chronis reports that they sold surprisingly well and while he expected to dispose of a few and use the rest for show they had to fall back on those in the windows to fill the orders.

Peter Reinberg is in good crop with roses, but Felix Reichling reports that it is impossible to fill all the orders, although the regular customers are being well taken care of. Everything is selling well at this establishment but the heaviest demand seems to be for Mrs. Chas. Russell, American Beauty, Ophelia and Sunburst roses.

T. E. Waters, manager of Poehlmann Bros. Co.'s supply department, sold a Buchbinder refrigerator to Dale & Nicholas, of Hancock, Mich., before he left for the east and writes since he has reached Philadelphia, Pa., that he is having a delightful time.

Buchbinder Bros. sold a large display refrigerator to A. H. Schneider of Oak Park this week. Sidney Buchbinder reports business as fine and says that they have had to increase their store force to keep pace with the orders.

Percy Jones is having a good call for chrysanthemums, which are being handled in quantity in addition to a complete line of other stock. H. Van Gelder reports trade as fine with a splendid outlook for a brisk fall business.

The Raedlein Basket Co. reports business as exceedingly brisk and is

busy mailing its fall catalog, which contains illustrations of many of the new designs it is offering for the first time this season.

A. L. Vaughan & Co. report a brisk demand for American Beauty roses, which they are handling in quantity in all grades and will have a large regular supply all through the fall and winter months.

The annual autumn festival of the South Shore Country Club opened September 20 and will continue for the rest of the week. The flower booth is particularly attractive.

Visitors: Mrs. R. Buck, Washington, O.; Miss Hellenenthal, Columbus, O.; A. L. Glaser, Dubuque, Ia.; Wm. Haselmann, Independence, Kans.; Chas. Siebrecht, Winona, Minn.; Walter Mott, representing Hammond's Paint & Slug Shot Works, Beacon, N. Y.

Oklahoma City.

SEPTEMBER BUSINESS ABOVE AVERAGE.

The temperature dropped to 49 degrees one night this week, something very unusual at this time of the year for this locality. With the cool spell that is being experienced, all indoor grown flowers are looking better than they have for some time. Business is fairly satisfactory. Florists report that this September is showing a better record for business than usual.

At the coming state fair, which opens September 23, the florist firms of Furrow & Co. and the Stiles Co., will each make extensive floral displays.

Clyde Batten, of the Stiles Co.'s staff, is back from his vacation.

S. S. B.

WITH THE OPENING of the FALL SEASON

YOUR aim should be to furnish your customers with stock that will build up your trade. Give them the newest varieties there are in roses as well as all the best standard varieties. We are growing several new roses this season, which every up-to-date Retail Florist should not be without as they are business getters and money makers. To satisfy yourself on this score send us your orders for:

Mrs. Chas. Russell

Lady Alice Stanley

Mrs. W. R. Hearst

Ophelia

Sunburst

Milady

Mrs. Aaron Ward

Hoosier Beauty

Double White Killarney

Double Pink Killarney

Pink Killarney

Killarney Brilliant

MINIATURE NOVELTY ROSES

Cecile Brunner or Sweetheart—Baby Doll—George Elgar.

We never failed to take care of our customers during the extreme scarcity existing last spring. This year finds us situated better than ever to supply you, as we are receiving the output of several large new growers in this vicinity, together with the usual supply from our large range. Why not send your order to us where they are always sure to be taken care of?

VALLEY--LILIES

Our Blue Ribbon Brand speaks for itself.
Daily supply of Valley as well as Lilies.

CARNATIONS

We are getting in as good a grade as can be found in this market for this time of the season.

CHRYSANTHEMUMS—Can supply in Yellow varieties.

The Gladioli and Asters which we are offering are exceptionally fine in spite of the extremely dry and hot summer.

Why Not Use The Best For Your Trade?

You can increase your profits and business by sending all your orders direct to

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

Quality
Speaks
Louder
Than
Prices.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

GUT FLOWERS

Prices
As
Low
As
Others.

 **SHIPPING ORDERS GIVEN CAREFUL ATTENTION.**

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Fort Wayne, Ind.

September weddings and a good number of funeral orders have created a brisk demand during the past two weeks, which has been added to by the improvement in the quality of stock. Prices are very good for September. Roses are more plentiful but carnations are scarce and are quoted as high as \$6 per 100.

NOTES.

A florists' club was organized September 14 at a dinner given by Mrs. Alice Flick Shive, of the Flick Floral Co. Meetings will be held once each month. The next meeting will be held October 2 at the Doswell Floral Co.'s store, 301 West Main street.

A. J. Lanternier & Co. are showing some handsome yellow chrysanthemums, the first of the season. They also offer fine Ophelia, Sunburst and Russell roses.

The Doswell Floral Co. arranged a handsome blanket of Russell roses and Clematis paniculata among other funeral pieces last week.

Miss Markey has returned to Markey Bros., after a vacation spent at Whitmore lake, near Ann Arbor, Mich. Miss L. L. Nelson, secretary to W. J. & M. S. Vesey, is spending two weeks at Auburn, Ind.

W. J. & M. S. Vesey are cutting fine Hoosier Beauty roses.

H. K.

Cincinnati.

FALL OPENINGS BOOST DEMAND.

Business last week was what might be called fair, although at times it was inclined to be somewhat quiet. This week, however, fall openings in several of the large stores are creating a heavy demand and the week should close with a good record. The first frost of the season came on September 16, but no serious damage resulted. Cool weather has checked to some extent the flow of stock into the market. Roses are fairly plentiful and carnations are arriving in quantities sufficient to meet all immediate requirements. Both Easter and rubrum lilies are plentiful and asters are in fair

supply, while some excellent dahlias and cosmos may be had. Other offerings include chrysanthemums, gladioli, a limited supply of lily of the valley and calendulas.

NOTES.

Mrs. William Mayhall narrowly escaped serious injury September 18, when another automobile ran into her Buick "Light Six," which she was driving. The other car was much the worse for the collision while the Buick was scarcely scratched and Mrs. Mayhall received nothing more than a severe shaking up.

Joseph Enneking, Fred Gear and the E. G. Hill Floral Co. had orders for large fall opening decorations this week.

Wm. Chisholm, formerly of Indianapolis, has joined the E. G. Hill Floral Co.'s force.

The Wm. Murphy Co. is featuring some very good carnations.

C. E. Critchell has been getting in some excellent calendulas.

E. G. Gillett is showing an excellent lot of roses.

H.

Z E C H M A & N N

Chicago Headquarters for RUSSELL AND OPHELIA

Our supply of Russell and Ophelia roses is large and of such good quality that they are recognized as the best in this market. In addition to Russell and Ophelia we have our regular supply of Ward, Sunburst, Richmond, Milady, Killarney and White Killarney.

WHITE CHRYSANTHEMUMS YELLOW

Same fancy grade of stock that we supplied our customers with last year.

Gladioli, Lilies, Carnations, Valley, Greens



Remember when ordering that our line is so complete that it includes every item offered in the Great Chicago Market.

30 E. Randolph St.,

L. D. Phones
Central } 3283
 } 3284
Automatic, 42-965

Chicago

Milwaukee.

TRADE INCLINED TO BE QUIET.

Business in general the past week was not brisk; in fact, some retailers claim it was slower than for some time past, but then, "state fair week" never brought much extra business to the florists, for the beautiful outdoor flowers in private yards can easily be used for entertaining purposes, and for the last time we can say that there was more than enough stock, especially outdoor cut flowers, to meet all demands, and the quality of most of it was good. The assortment consisted of larkspurs, celosias, gaillardias, annual gypsophilas, tritomas, gladioli, dahlias and asters. But the unexpected happened, for we had our first frost September 15-16, and around the outskirts of the city nearly all soft wooded stock suffered more or less in low, unprotected places. Salvias, geraniums, cannas, begonias, etc., present a sad appearance at this writing. On Sunday morning, September 17, the local weather bureau phoned to most of the florists, forecasting a frost for that night. Consequently it was a case of hustle all men all day to get things under cover. It might be said that should we get a severe frost at this time conditions would be worse than this summer. Then stock was short with the usual summer demand, which is not any too great. Outside of roses, the supply of indoor cut flowers is very limited, so a killing frost now would cause endless trouble for some time to come.

NOTES.

Field grown carnation plants never were so scarce here as this season. Plants in general were not as large as usual at housing time and most of the growers had to double up, hence the shortage. A. Reinhardt, of North Milwaukee, had quite a few to spare and reports having had no trouble to move them.

Leon B. Thorpe, late with the Greenwood Carnation Co., was united in marriage September 6 to Miss Adeline Kiehnau, of Brown Deer, and immediately left for the east on their honeymoon. We extend our best wishes for a happy future.

After spending his two weeks' vacation fishing at Cedar lake, Walter Holton reported for duty September 18 at the Holton & Hunkel Co.

Extending through this week most of the large department stores will hold their fall openings, which will help those florists who cater to that line of work to keep busy.

H. W. Koerner says that on Sept. 16 his dahlias were more affected by the frost than the gladioli the night previous. He consigns all his stock to Gust. Rusch & Co.

C. C. Pollworth entertained Geo. Asmus of Chicago, who was a visitor, September 14.

Visitors: H. Horman, Medford, Wis.; H. Rhodes, Hartford, Wis.; Jno. Rindfleisch, Beloit, Wis.; James Mathewson, Sheboygan, Wis.; Alfred Sylvester, Oconomowoc, Wis.; Martin Reukauf, representing H. Bayersdorfer & Co., Philadelphia, Pa.; Mr. Meyer, of Janesville Floral Co., Janesville, Wis.; Henry Benz, of Racine Flower Shop, Racine, Wis.; R. Turner, Kenosha, Wis.; Geo. Asmus, Jas. Foley and M. Hilmers, Chicago; Herman Staeps and wife, Elm Grove, Wis.

E. O.

Louisville, Ky.

A feature in the floral section at the Kentucky State Fair which was held in this city September 11-16 was an easel which was exhibited by W. L. Korb, 2720 Greenwood avenue, and which captured the silver cup for best design. The frame was made of beech branches and the picture was represented by flowers arranged on a green background. It was one of the most original designs ever shown at a state fair here. In the palm section the New Nanz & Neuner Co. was awarded the first honors, a prize of \$50, the Kunzman Floral Co. being second.

Henry Pittelas has rebuilt most of his houses. He is now cutting some fine Kaiserin roses.

Local florists report trade very good, but suffer to some extent from a scarcity of stock.

H. G. W.

DAYTON, O.—The greenhouses of the Heiss Co. are nearing completion and plans for planting are being made.

JOPLIN, Mo.—In the bankruptcy proceedings of Thomas R. Johnson, there was no equity above the existing mortgage and no dividend will be paid.

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 No. WABASH AVE., CHICAGO
Telephone Central 466

Rochester, N. Y.

FUNERAL ORDERS BULK OF BUSINESS.

Business has been somewhat slack during the past week, the best part of the demand being for funeral work. Stock is much more plentiful than it has been for two weeks. Asters are arriving in larger quantities and the quality is much improved. Gladioli are getting poorer each week and will soon be a minus factor. Sweet peas are scarce and are poor in quality. The lily of the valley supply is increasing but the price continues high. Excellent Harrisii lilies are to be seen. All roses are good in quality. Ophelia being especially fine. Gaillardias, larkspur, helianthus and buddleia are also among the plentiful items as are asparagus and fancy ferns. Smilax is very scarce.

CLUB MEETING.

The monthly meeting of the florists' club was held in the club rooms September 12. Charles Crossman gave an interesting discourse on seeds. He said before the war that his firm used to import more than 2,000 pounds of seeds a year, but at present could not secure more than 100 pounds during the 12 months. Harry Bates and John Dunbar gave interesting accounts of their trip to the Houston convention and the many interesting features of the annual meeting of the S. A. F.

NOTES.

J. B. Keller Sons recently had a most attractive window arranged with helianthus in various types of receptacles.

E. P. Wilson spent September 14 at Silver Lake, on the occasion of the outing of the Chamber of Commerce.

Mrs. Hiram Wilson is confined to her home seriously ill, but it is hoped she will soon be about again.

Bert Elliott has returned from a fishing trip at Conesus lake, and reports a good catch. CHESTER.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

John Kruchten Co.

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The Largest, Best Equipped,
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IN CHICAGO

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Wire Designs and Wholesale
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Telephone: Randolph 2758

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A. L. Randall Co.,

Wabash Ave. and Lake St.,
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Advertising String

FOR TYING FLOWER BOXES

Write for samples and prices.

Chicago Printed String Co.,
309 S. LA SALLE ST., CHICAGO.

Carnations NEW CROP Asters

S. MURATA & CO.,

OLDEST AND MOST EXPERIENCED
SHIPPERS IN SOUTHERN CALIFORNIA.

751 S. Broadway,

LOS ANGELES, CALIF.

Mention the American Florist when writing

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST. Per doz.

Roses, Beauty, specials.....	\$4 00
" " 36-in.....	3 00
" " 30-in.....	2 50
" " 24-in.....	2 00
" " 20-in.....	1 50
" " 18-in.....	1 00
" " short.....per 100, \$4 00@	6 00

Per 100

" Mrs. Chas. Russell.....	\$4 00@15 00
" Hoosier Beauty.....	4 00@10 00
" Killarney Brilliant.....	3 00@10 00
" Killarney.....	3 00@10 00
" White Killarney.....	3 00@10 00
" Richmond.....	3 00@10 00
" Prince de Bulgarie.....	3 00@10 00
" Rhea Reid.....	3 00@10 00
" My Maryland.....	3 00@10 00
" Mrs. Geo. Shawyer.....	3 00@10 00
" Milady.....	3 00@10 00
" Sunburst.....	3 00@10 00
" Mrs. Aaron Ward.....	3 00@10 00
" Hadley.....	3 00@10 00
" Ophelia.....	3 00@10 00
" Double White Killarney.....	3 00@10 00
" Mrs. Moorfield Storey.....	3 00@10 00
" Champ Weiland.....	3 00@10 00
" Stanley.....	3 00@10 00
" Tipperary.....	3 00@10 00
" Frances Scott Key.....	3 00@10 00
" Bayard Thayer.....	3 00@10 00
" Cecile Brunner.....	2 00@ 3 00
" George Elgar.....	2 00@ 3 00
" Baby Doll.....	2 00@ 3 00
" Fireflame.....	4 00
" Our selection.....	3 00

Carnations.....	1 00@ 3 00
Cattleyas ... per doz., 10 00@12 00	
Chrysanthemums.....per doz.,	2 00@ 4 00
Asters.....	2 00@ 4 00
Lilium Harrisii.....	10 00@12 50
Valley.....	3 00@ 6 00
Adiantum Croweanum.....	1 00@ 1 50
Ferns.....per 1000, 2 00@2 50	
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy...per 1000, 5 00@6 00	
Plumosa Strings...each, 60@ 75	
Smilax.....per doz., 2 00@2 50	
Sprenger. Plumosa Sprays.....	3 00@ 4 00
Roxwood 25clb per case.....	7 50
Wild Smilax.....per case, \$6.00	

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Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

Mention the American Florist when writing

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

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ZECH & MANN

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30 East Randolph St., - - Chicago

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FOR YOUR FALL OPENING DAHLIAS

The Most Popular Flowers at This Time.

We offer you a large variety and flowers of the best quality. \$2.50 to \$4.00 per 100.

THE LEO NIESSEN CO.,

1201-5 Race St., Philadelphia, Pa.

Philadelphia.

STOCK SHOWS MUCH IMPROVEMENT.

With the cooler weather, stock is much improved, the colors being brighter, roses, particularly, show more vigor, the buds being firmer. American Beauties are fast getting into higher grades and sell very well. Ophelia is looking up and promises to be an even greater factor than last season. The shorter grades of all the varieties, and a great many are now thrown on the market, are hard to move and go in quantity at any price to save them from the chute. Dahlias are now making their presence felt; they are fine and for the next three weeks will be the quantity flower—the one staple that all the trade should keep to the front. The stock is fine, and now that there is cooler weather, augmented by the recent heavy rains, there will be a supply sufficient for all orders. Push the dahlia; there is money in them for everybody that will handle them with up-to-date methods. Easter lilies are more plentiful, with quality the best. Cosmos is seen by almost the wagonload; it is a bread and butter proposition for everybody at this season. Asters are a little more plentiful, but the market takes all the good stock at fair prices. Cattleyas are still scarce and are held firmly at record prices for the season. Lily of the valley is soaring, \$8.00 being the price for anything worth having. Where it will get to the coming winter is a problem. Golden Glow are coming in from several growers, but are not in great demand. Hydrangea paniculata from young field grown plants is good stock, taking the place of the higher priced white asters. All the outside flowers, such as delphiniums, snapdragons, etc., are coming strong since the rain and find a fair market.

NOTES.

Robert Craig, in one of his recent reminiscent moments, stated the interesting fact that John Dick, the leading importer and grower during the sixties, forced the first lily of the valley during the winter months and sold it as a great novelty in the New York market. It was purely accidental, however, on his part. A lot of clumps or pips had been imported for planting out one fall, but arriving after the ground was frozen, were placed under a bench in one of the houses to keep until spring, and later was discovered to be coming into flower. It was moved up above and when in condition, was marketed as above at a good price.

James M. Thoirs and Raymond Thoirs, of Camden; Herman Zimmer, of Collingdale, and Robert Kift returned on Tuesday last from an auto ride to Rochester and other New York points; they reported a very interesting trip, seeing some fine field asters, particularly at James Vick's Sons, at Rochester, where acres in splendid bloom were up to standard.

The S. S. Pennock-Meehan Co. is receiving many orders for velvet plush or velour for window backgrounds; it is much in favor in the best stores in their window decorating.

The Joseph Heacock Co. has opened up their city store in Ranstead street,

Wholesale Flower Markets

BUFFALO, Sept. 20.		Per 100
Beauty Special.....	20	00@25 00
" Fancy.....	15	00@20 00
" Extra.....	10	00@12 00
" First.....	8	00@10 00
" Second.....	2	00@4 00
Roses, Killarney.....	3	00@6 00
" White Killarney.....	3	00@6 00
" My Maryland.....	3	00@7 00
" Sunburst.....	3	00@6 00
" Ward.....	2	00@5 00
" Shawyer.....	3	00@6 00
Lily of the Valley.....	4	00@6 00
Lilies.....	8	00@10 00
Cattleyas.....	40	00@50 00
Carnations.....	1	00@2 00
Gladiolus.....	2	00@4 00
Asters.....	1	00@3 00
Asparagus Sprengeri... 35@	50	
Ferns.....per 1000, 2 00		
Smilax.....		15 00

CINCINNATI, Sept. 20.		Per 100
Roses, Killarney.....	2	00@6 00
" My Maryland.....	2	00@6 00
" Richmond.....	2	00@6 00
" Taft.....	2	00@6 00
Lilium Giganteum.....	8	00@10 00
Asparagus Plamosus, per bcn., 20c		
Gladiolus.....	2	00@4 00
Asters.....	2	00@4 00
American Beauty, per doz.....	75	@3 00

BOSTON, Sept. 20.		Per 100
Roses, Beauty.....	20	00@25 00
" Killarney Queen.....	2	00@8 00
" White and Pink Killarney.....	2	00@8 00
" Double White Killarney.....	2	00@8 00
" Killarney Brilliant.....	4	00@10 00
" Hadley.....	4	00@10 00
" Cardinal.....	2	00@8 00
" Mock.....	6	00@12 00
" Mrs. Chas. Russell.....	6	00@12 00
" Sunburst.....	6	00@12 00
" Taft.....	2	00@8 00
" Milady.....	2	00@6 00
" Ward and Hillingdon.....	2	00@8 00
" My Maryland.....	50	@5 00
Cattleyas.....	50	00@75 00
Lily of the Valley.....	4	00@5 00
Sweet Peas.....	50	@1 00
Carnations.....	1	00@2 00
select.....	2	00@3 00

where Carl Korts will be glad to show the famous Roelof roses.

The Philadelphia Wholesale Cut Flower Exchange shows Shawyer, Russell and Ophelia roses, fine stock. Golden Glow chrysanthemums are also in stock.

Dahlias are now being handled by the Leo Niessen Co. in express wagon loads. The stock is fine and finds a good market.

Stuart Miller's Easter lilies are, he says, the best he has ever handled at this time. Good asters are also a feature.

Berger Brothers are handling splendid Easter lilies and gladioli. My Maryland roses are also a feature.

Edward Reid is getting good New York asters. My Maryland and Ophelia roses are also features.

Irrington, N. J.

At the extensive range of E. W. Fengar, there is a great stock of chrysanthemums coming on, all in fine condition. Carnations are also looking well for the season. This is a finely equipped range and Foreman Persson keeps things moving. A leading feature is the great stock of bedding plants now in the field. Though from various sources we have heard complaints that outdoor stock has not done well this season, it looks fine at

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET,
BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

ROSES, ORCHIDS, VALLEY

A full line of Summer Flowers

Always high grade Easter Lilies

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

STUART MILLER, WHOLESALE FLORIST

Always Seasonable Flowers

Orchids, Valley, Roses, Asters, Gladioli,
Easter Lilies, Hydrangeas.

Unexcelled Opening for Carnation Consignors for the Coming Season.

ONE BLOCK FROM EXPRESS OFFICE

1617 Ranstead Street, PHILADELPHIA, PA.

this place, the geraniums being particularly noteworthy. A large area is also devoted to pansies, cannas and other plants.

Jolley's retail store, 1051 Clinton avenue, is now one of the institutions of Irrington. The proprietor is a very young man, but shows admirable taste for the business. He also has a greenhouse filled with plants.

The Hausmanns have a neat retail store on Clinton avenue. A. F. F.

SANTA ROSA, CALIF.—Leopold & Polard have opened a flower store in the First National Bank building.

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., Milwaukee, Wis.

Wholesalers and Growers of
**Choice Cut Flowers
and Greens**

RIGE BROTHERS

Wholesale Florists and
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We are the largest cut flower ship-
pers in MINNEAPOLIS. Let us sup-
ply your wants. If it is on the mar-
ket we can furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

H. KUSIK & CO.

Wholesale Florists
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Manufacturers of Wire Designs.

We are the largest cut flower shippers
at Kansas City. Let us supply your wants.
If on the market, we can furnish it.
Get our prices before placing order.
We guarantee satisfaction.

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KANSAS CITY, MO.

Mention the American Florist when writing

Extra Quality Pink and White Killar-
ney, Richmonds, American Beauties,
Fancy Carnations, Yellow Daisies,
Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock
Killarney, Sunburst and others.
CATTLEYS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Philadelphia Wholesale Florists' Exchange

High Grade Roses, Gladioli, Asters, Easter Lilies
and other Seasonable Flowers.

Up-to-the-Minute Service. Satisfaction Guaranteed.
1615 Ranstead St., Philadelphia, Pa.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245.

P. O. Box 206

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Milwaukee St., Milwaukee, Wis.

New Fancy Ferns

Special picked. Leave your regular orders with us.

Fancy Lily of the Valley, Orchids, Gladioli, Lilies and all other seasonable flowers.

FLORISTS' SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist,
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Sept. 20.		Per 100
Roses, Beauty, extra.	20 00@25 00	
" " first.	10 00@15 00	
" Mrs. Chas. Russell.	6 30@10 00	
" Killarney.	2 00@4 00	
" White Killarney.	2 00@6 00	
" Liberty.	2 00@6 00	
" Hadley.	4 00@12 00	
" Sunburst.	3 00@8 00	
" Ophelia.	3 00@8 00	
" Hoosier Beauty.	4 00@12 00	
Carnations.	1 00@2 00	
Cattleyas.	each, \$0 75@1 00	
Lilium Harrisii.	6 00@8 00	
Asters.	2 00@4 00	
Gladiolus.	2 00@6 00	
Larkspur.	4 00@6 00	
Dahlias.	1 00@4 00	
Valley.	4 00@6 00	
Asparagus.	per bunch, 50	

PITTSBURGH, Sept. 20.		Per 100
Roses, Beauty, special.	25 00	
" " fancy.	20 00	
" " extra.	15 00	
" " No. 1.	8 00	
" Killarney.	2 00@6 00	
" My Maryland.	2 00@6 00	
" Sunburst.	2 00@6 00	
" Mrs. Aaron Ward.	2 00@5 00	
Cattleyas.	40 00	
Lilium Giganteum.	10 00	
Carnations.	1 00	
Adiantum.	1 25	
Asparagus Sprengeri, per bunch.	35@40	
Asters.	1 00@2 00	
Gladiolus.	2 00@4 00	
Lily of the Valley.	4 00	
Dahlias.	2 00@4 00 per 100	

MILWAUKEE, Sept. 20.		Per 100
Roses, Killarney and W. Killarney.	3 00@8 00	
" Ward.	3 00@6 00	
" Mrs. Chas. Russell.	5 00@20 00	
" Ophelia.	3 00@8 00	
" Hoosier Beauty.	3 00@10 00	
Lilies.	10 00@12 50	
Cattleyas.	per doz., 6 00	
Carnations.	1 00@2 00	
Snopdragons.	doz., \$0.25@0 50	
Gladioli.	2 00@3 00	
Rubrum.	3 00	
Valley.	4 00@6 00	
Asters.	1 00@3 00	
Chrysanthemums.	2 00@2 50	

DAVID WELCH

EDWARD J. WELCH

WELCH'S WHOLESALE AND COMMISSION FLORISTS

FLORISTS' SUPPLIES

280 and 282 Devonshire St.,
BOSTON, MASS.

Consignments of Beauties, Lilies of the Valley,
Orchids and all other flowers received daily.

Telephone—Court Hill 2964, 2965.

Mention the American Florist when writing

H. G. BERNING Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

ST. LOUIS, Sept. 20.		Per 100
Roses, Killarney.	1 00@4 00	
" White Killarney.	1 00@4 00	
" Aaron Ward.	1 00@4 00	
" Sunburst.	2 00@6 00	
" Ophelia.	2 00@5 00	
" Cecile Brunner.	2 00	
" Richmond.	1 00@00	
" Mrs. Chas. Russell.	3 00@8 00	
Valley.	4 00	
Lilies.	10 00	
Asparagus Plumosus, per bu.	.25@75	
Ferns.	per 1000, 1 50	

ENGLISH

Guaranteed Two-Year-Old, Low Budded

BEE'S' ROSES ARE AMAZING

Top growth alone is not a safe criterion of the value of a rose tree to you. True, you must have vigorous and healthy branch and leaf development in order to insure a solid foundation for the subsequent life of the tree. But these things are often procured in highly-fed soils where the formation of root fibre is retarded or negated. When you get such trees into your forcing or flowering beds, there is a long pause before the roots become acclimatised, so to speak. This is due to the fact that the necessary equipment of feeding fibres, which will enable the trees to go straight on with their work, does not exist. Abundance of root fibre was not necessary in the period of forced growth in heavy over-fed soil, consequently Nature did not provide it. The result is a fat lazy tree, of actually less value to you than a starveling.

What you want is a tree that has more or less of a struggle for existence—that has had to work for its living; a prize-fighting-boxer sort of tree, that is trained up to the last ounce. You can get such trees under suitable conditions. They are grown by the million on Bees' 200-acre farm in North Wales, England. Bees' Nursery is part of a huge plain situated on the banks of the River Dee, within hail—almost—of Chester, on the one hand, and Mount Snowdon on the

PRELIMINARY OFFER. Prices per 100.

DWARFS.

Abel Carriere (H.P.)	\$7.75
Aennchen Muller (D. Poly.) ..	7.75
Admiral Ward	12.00
Alexander Hill Gray	9.50
Alfred Colomb (H.P.)	7.75
Anna Olivier (T.)	9.50
Antoine Rivoire (H.T.)	9.50
Arthur R. Goodwin (Per.)	8.25
Avoca (H.T.)	7.75
Ben Cant (H.P.)	7.75
Bessie Brown (H.T.)	7.75
Betty (H.T.)	9.00
Brilliant (H.T.)	9.50
British Queen (H.T.)	8.25
Captain Hayward (H.P.)	7.75
Caroline Testout (H.T.)	7.75
Charles Lefebvre (H.P.)	7.75
Charlotte Klemm (H.C.)	8.25
China Rose (C.)	7.00
Chrissie MacKellar (H.T.)	8.25
Cissie Easlea (Per.)	8.25
Claudius (H.T.)	8.25
Colleen (H.T.)	10.75
Comtesse du Cayla (C.)	9.00
Conrad F. Meyer (Rug.)	7.00
Constance (H.B.)	14.50
Coronation (H.P.)	10.75
Countess of Derby (H.T.)	8.25
Countess of Shaftsbury (H. T.) ..	8.25
Cynthia Forde (H.T.)	8.25
Dean Hole (H.T.)	8.25
Dr. O'Donel Browne	8.25
Dorothy Page Roberts (H.T.)	9.50
Dorothy Ratcliffe (H.T.)	9.50
Duchess of Wellington (H.T.)	9.50
Duke of Edinburgh (H.P.)	7.75

DWARFS—Continued.

Dupuy Jamain (H.P.)	\$7.75
Earl of Gosford (H.T.)	8.25
Earl of Warwick (H.T.)	8.25
Ecarlate (H.T.)	8.25
Edith Bellenden (H.S.)	9.50
Edu Meyer (H.T.)	8.25
Edward Bohame (H.T.)	25.00
Edward Mawley (H.T.)	9.50
Ellen Poulsen (D. Poly.)	8.25
Erna Teschendorff (D. Poly.)	8.25
Ethel Malcolm (H.T.)	8.25
Eugene Lamesch (D. Poly.)	9.50
Fabvier (C.)	8.25
Fisher Holmes (H.P.)	7.75
Florence H. Veitch (H.T.)	9.50
Frau Karl Druschki (H.P.)	7.75
General MacArthur (H.T.)	8.25
General Jacqueminot (H.P.)	7.75
G. C. Waud (H.T.)	8.25
George Dickson (H.T.)	9.50
Georges Elger (D. Poly.)	9.50
Gloire de Chedane Guinoisseau (H.P.)	7.75
G. Nabonnand (T.)	8.25
Gorgeous (H.T.)	25.00
Gruss an Teplitz (H.T.)	8.25
Gustave Grunerwald (H.T.)	8.25
Gustave Regis (H.T.)	9.50
Harry Kirk (T.)	9.50
Helen Keller (H.P.)	7.75
H. E. Richardson (H.T.)	8.25
Hoosier Beauty (H.T.)	25.00
Horace Vernet (H.P.)	7.75
Hugh Dickson (H.P.)	7.75
H. V. Machin	14.40
Irish Elegance (H.T.)	8.25

DWARFS—Continued.

Irish Fireflame (H.T.)	\$14.40
J. B. Clark (H.T.)	8.25
Jessie (D. Poly.)	7.75
Jonkheer J. L. Mock (H.T.)	8.25
Jos. Hill (H.T.)	9.50
Juliet (H.B.)	8.25
Katherine Zeimet (D. Poly.)	7.75
Killarney (H.T.)	7.75
King Edward VII (D. Poly.)	8.25
King George V (H.T.)	9.50
Lady Alice Stanley (H.T.)	8.25
Lady Ashtown (H.T.)	8.25
Lady Dunleath (H.T.)	10.75
Lady Hillingdon (T.)	9.50
Lady Mary Ward (H.T.)	9.50
Lady Penzance (H.S.B.)	9.50
Lady Pirrie (H.T.)	9.50
Lady Roberts (T.)	9.50
La France (H.T.)	8.25
La Tosca (H.T.)	8.25
Leonie Lamesch (D. Poly.)	7.75
Leslie Holland (H.T.)	9.50
Liberty (H.T.)	8.25
Lieutenant Chauré (H.T.)	9.50
Lucy Bertram (H.S.B.)	9.50
Lyon Rose (H.T.)	8.25
Mabel Drew (H.T.)	10.75
Mme. Abel Chatenay (H.T.)	8.25
Mme. Collette Martinet (H.T.)	25.00
Mme. Constant Soupert (T.)	9.50
Mme. Chas. Lutaud	10.75
Mme. Edouard Herriot	9.50
Mme. Hoste (T.)	9.50
Mme. Isaac Perriere (Bour.)	8.25
Mme. Jean Dupuy (T.)	9.50
Mme. Jules Grolez (H.T.)	8.25

If you don't see here the sorts you want, or if you want a Special Price on

BEE'S LTD. 1075 MILL

ROSES

Briar, Clean, Hardy, Field-Grown Stock.

INGLY FIBROUS ROOTED.

other. The land is actually reclaimed silt deposited by the Dee during past ages, and is swept from end to end by the bitter gales from the Atlantic Ocean.

See how splendidly these two factors combine to produce the ideal rose tree. First, there is the **naturally** rich, humus-laden silt soil. It is in a finely divided condition, and encourages—makes necessary—the formation of multitudinous root-fibres. Neither light nor heavy, and neither too wet nor too dry, it is the ideal rooting medium. Then the climate, the most searching and severe in the British Isles, comes into play. Every inclination towards exuberance is keenly contested. The tree has veritably to fight for its life. Wind, cyclonic in violence, almost tears the trees up by the roots; but the result is a more thorough and firm anchorage of the root fibres. Alternating climatic conditions of Arctic severity or delusive mildness compact the plant tissues to iron-wood hardness. The result, at lifting time, is a short-jointed, stocky tree, which grows and blooms with almost magical luxuriance when transplanted into milder quarters.

D. B. Liverpool on Orders for 1,000 Trees.

DWARFS—Continued.

Mme. Laurette Messimy (China)	\$7.75
Mme. Melanie Soupert (H.T.)	9.50
Mme. Ravary (H.T.)	8.25
Mme. Segond Weber (H.T.)	9.50
Margaret Dickson Hamill (H.T.)	30.00
Marie Van Houtte (H.T.)	9.50
Marquise de Sinety (H.T.)	10.75
Meg Merrilies (H.S.B.)	9.50
Melody (H.T.)	10.75
Mildred Grant (H.T.)	9.50
Miss Alice de Rothschild (T.)	9.50
Molly Sharman Crawford (T.)	9.50
Moss Rose	7.00
Mrs. Aaron Ward (H.T.)	9.25
Mrs. Alfred Tate (H.T.)	9.50
Mrs. Amy Hammond (H.T.)	9.50
Mrs. Andrew Carnegie (H.T.)	10.75
Mrs. A. R. Waddell (H.T.)	9.50
Mrs. Charles Curtis Harrison (H.T.)	8.25
Mrs. Charles E. Pearson (H.T.)	10.75
Mrs. Cornwallis West (H.T.)	8.25
Mrs. David McKee (H.T.)	9.50
Mrs. Edward Mawley (T.)	9.50
Mrs. E. G. Hill (H.T.)	8.25
Mrs. Foley Hobbs (T.)	9.50
Mrs. Forde (H.T.)	9.50
Mrs. Fred Straker (H.T.)	9.50
Mrs. G. Shawyer (H.T.)	9.50
Mrs. F. W. Vanderbilt (H.T.)	9.50
Mrs. Harold Brocklebank (H.T.)	9.50
Mrs. Herbert Hawkesworth (T.)	12.00
Mrs. Herbert Stevens (T.)	9.50
Mrs. John Laing (H.P.)	7.75
Mrs. Joseph H. Welch	9.50
Mrs. Myles Kennedy (T.)	9.50

DWARFS—Continued.

Mrs. R. D. McClure (H.T.)	\$9.50
Mrs. R. G. Sharman Crawford (H.P.)	7.75
Mrs. Taft (D. Poly)	7.75
Mrs. Theodore Roosevelt (H.T.)	9.50
Mrs. Wakefield Christie Miller (H.T.)	9.50
Mrs. Wallace H. Rowe (H.T.)	9.50
Mrs. W. H. Cutbush (D. Poly)	7.75
Mrs. W. J. Grant (Belle Siebrecht)	8.25
Nita Weldon (T.)	9.50
Old Gold (H.T.)	12.50
Old Moss	7.00
Ophelia (H.T.)	12.00
Orleans Rose (D. Poly.)	7.75
Paul Lede (H.T.)	8.25
Pharisaer (H.T.)	8.25
Prince Camille de Rohan (H.P.)	7.75
Prince de Bulgarie (H.T.)	8.25
Queen Mary (H.T.)	12.00
Rayon d'Or (H.B.)	10.75
Richmond (H.T.)	8.25
Rose Bradwardine (H.S.B.)	9.50
Senateur Vaisse (H.P.)	7.75
Souvenir de Gustave Prat (H.T.)	9.50
Sunburst (H.T.)	9.50
Suzanne Marie Rodocanachi (H.P.)	7.75
Ulrich Brunner (H.P.)	7.75
Victor Hugo (H.P.)	7.75
Viscount Carlow (H.T.)	9.50
Viscountess Folkestone (H.T.)	8.25
Warrior (H.T.)	9.50
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Alberic Barbier (Cl. Wich.)	\$8.25
American Pillar (Cl. Poly.)	8.25
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Billard et Barre (Cl. T.)	8.25
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Caroline Testout (Climbing)	8.25
Coronation Rambler (Cl. Wich.)	8.25
Crimson Rambler (Cl. Poly.)	7.00
Dorothy Dennison (Cl. Wich.)	8.25
Dorothy Perkins (Cl. Wich.)	8.25
Excelsa (Cl. Wich.)	8.25
Felicite Perpetue (Cl. Semp.)	7.75
Gardenia (Cl. Wich.)	8.25
Gerbe Rose (Cl. Wich.)	8.25
Gloire de Dijon (Cl. T.)	8.25
Hiawatha (Cl. Poly.)	8.25
Johanna Sebus (Cl. H.T.)	8.25
Lady Waterlow (Cl. H.T.)	8.25
La France climbing (Cl. H.T.)	8.25
Liberty, climbing (Cl. H.T.)	8.25
Mme. Alfred Carriere (Cl. H.N.)	8.25
Mme. Jules Graveraux (Cl. T.)	8.25
Marechal Niel (Cl. N.)	9.50
Minnehaha (Cl. Wich.)	8.25
Mrs. W. J. Grant, climbing (Cl. H.T.)	8.25
Paul Lede, climbing	9.50
Paul Transon (Cl. Wich.)	8.25
Reine Olga de Wurtemberg (Cl. H.N.)	8.25
Richmond, climbing (Cl. H.T.)	9.50
Shower of Gold (Cl. Wich.)	8.25
Source d'Or (Cl. H.B.)	8.25
White Dorothy Perkins (Cl. Wich.)	8.25
Zephyrine Drouhin (Cl. H.B.)	8.25

or more of a sort, write and ask for it. Do it Now! "Lest You Forget."

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ture reference. Do it NOW!

New York.

SUPPLY INCREASES BUT DEMAND LIGHT.

Business continued dull during the past week. The weather turned warm in the middle of the week, the temperature, September 14, going up to 86 degrees with corresponding humidity. That, with a combination of other circumstances, was unfavorable to business. The epidemic of infantile paralysis that prevails here will keep many families away from their city homes until much cooler weather arrives. The street car strike not only interferes with travel throughout the city, but having also reached the brick and bottle throwing stage there are careful and timid people who go about as little as possible. To sum up, there has been a considerable increase in the supply of stock with no increase in the demand, if anything, a falling off.

September 18.—There is a little more life in the market this morning than during the past week, but it is hard to tell what a day may bring forth. The weather is much cooler, and light, but not killing frosts are reported from various northern points.

NOTES.

A meeting of the board of directors, Horticultural Society of New York, will be held in the Museum, New York Botanical Garden, at 2:30 o'clock September 23. A meeting of the society will take place in the lecture hall, at 3:30 o'clock, followed by a public lecture at 4 o'clock, by Dr. F. W. Pennell on "Through the Mountains of Utah and Colorado." The lecture will be illustrated with lantern slides. There will be an exhibition of dahlias, also in the Museum, September 23, 2 to 5 p. m., and September 24, 10 a. m. to 5 p. m.

A. H. Langjhar, the wholesaler, spent a part of the past week calling on New Jersey dahlia growers. Among other places, he visited Hammononton and Williamstown Junction. It is at the latter place that L. A. Peacock's dahlia farms are located. He states that at this place the crop looks fine. An irrigation system has recently been installed which has been very beneficial as there has been a six weeks' drought. Mr. Langjhar is selling stock from the Peacock farms.

One of the interesting globe trotters, frequently met in the florist business, is James Halikias, a buyer for Trepel & Bershad of Brooklyn. He was born in Greece, but came to this country when a boy. When 16 years old he left New York for Cape Town, South Africa, where he had an uncle. His uncle offered to start him in business, but after remaining a year he got homesick for New York. He can talk interestingly of the Zulus and other tribesmen that he saw at the Cape.

James Dalglish and Arthur Ward of J. H. Small & Son's, Washington, D. C., store, have recently spent some time at the Madison avenue store. Mr. Dalglish, after a short stay, went to Massachusetts to superintend an elaborate wedding decoration. Mr. Ward, who is an all around mechanic, as well as a florist and decorator, has been assisting in interior improvements in the store. The Madison avenue store has just put on a very fine, new Maxwell car for delivery.

Frank Millang, the well known wholesaler of the Coogan building, who for the past year has resided at Yorktown Heights, Westchester county, has removed his family to Forest Hills, L. I. At this place, fine houses have been erected and many improvements made by the Sage Foundation, the funds being furnished by Mrs. Russell Sage. It is also at Forest Hills where tennis is played for the championship of America.

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York.

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of
its Best Growers.

A force of workmen is busy on the store of Henry Hart, 1000 Madison avenue, putting in a new front, the business being temporarily carried on in the building at 998. Elaborate plans have been prepared for the reconstruction of the other store.

Frank L. Deery, manager for Thos. F. Galvin, Inc., has returned from a yachting trip. On September 14 this firm had a large amount of funeral work for Plainfield, N. J. There was a pall of pink and white roses and a number of fine designs.

The MacNiff Horticultural Co. has announced change in time of their auctions from 11 a. m. to 10 a. m., the large stocks being handled and in order that the complete list may be sold, making it necessary to start the sales one hour earlier.

Interesting and welcome visitors, September 15, were J. A. Peterson and wife of Westwood, Cincinnati, Ohio. They had been touring the east in their motor car and were thus independent of strikes. They had visited many points of interest.

Andrew Eckrich, for many years buyer and manager for the late Charles E. Grunewald, continues the retail business at 924 Madison avenue. He is an active and capable man and will doubtless be successful.

In addition to their store at 2216 Broadway, Pappas Brothers have a fine store at 315 West 110th street.

A. Meyer, 1062 Madison avenue, has been making extensive improvements in his store.

Johnson & Millang, Inc., report that their stock of plants on hand at the beginning of the past week was about sold out. They received another large consignment September 18.

A. E. Booth, who has spent the summer at Asbury Park, N. J., has returned to the wholesale district and resumed his position with B. S. Slinn, Jr., in the Coogan building.

Charles Futterman, manager for Goldstein & Futterman, 102 West 28th street, is rejoicing over the arrival of a young daughter at his home, September 12.

F. Frederico, formerly a salesman for B. S. Slinn, Jr., is now with H. W. Baylis in the Dailedouze-Asmus department of the New York Cut Flower Co.

Alexander Donaldson, who is now located at Englewood, N. J., is bringing to market fine stock of the chrysanthemum, Early Frost.

George L. Rondires has now a fine retail store at 2164 Eighth avenue, and in addition to cut flowers, keeps a fine stock of plants.



Mention the American Florist when writing

—We are—

Wholesale Florists

Have twenty-two years experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

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INC.
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WHOLESALE FLORIST

64 West 26th St., NEW YORK

(Opposite Coogan Building)

20 years experience

Consignments Solicited and Prompt RETURNS GUARANTEED.

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Frank Abrams, who is an extensive carnation grower at Blue Point, L. I., was in the city September 18. He is expecting a fine crop by the time there is a call for them.

The United Cut Flower Co., 111 West 28th street, is handling fine chrysanthemums of the variety Golden Glow.

The Henshaw Floral Co. is receiving a good variety of roses from A. N. Pierson, Inc., Cromwell, Conn.

Joseph S. Fenrich is receiving fine dahlias from Wm. Finger's dahlia gardens, Hicksville, L. I.

PAUL MECONI
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NEW YORK CITY

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Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

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 All the NEW ROSES, CARNATIONS and
 Seasonable Flowers.

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 American Beauty Roses a specialty. Roses,
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WHOLESALE FLORISTS
 The Right People to Deal With.
102 West 28th St., New York

Wholesale Flower Markets

NEW YORK, Sept. 20.	Per 100
Roses, Beauty, special.....	15 00@20 00
" extra and fancy.....	8 00@12 00
" No. 1 and No. 2.....	4 00@ 6 00
Prima Donna.....	1 00@10 00
Alice Stanley.....	50@ 6 00
Francis Scott Key.....	50@10 00
Mrs. Geo. Sawyer.....	50@ 4 00
Double White Killarney.....	50@ 5 00
Killarney, My Maryland.....	50@ 4 00
" No. 1 and No. 2.....	25@ 1 00
" Queen.....	50@ 4 00
" Brilliant.....	50@ 5 00
Aaron Ward.....	50@ 4 00
Richmond.....	25@ 3 00
Sunburst.....	50@ 6 00
Taft.....	50@ 4 00
J. L. Mock.....	1 00@ 8 00
Ophelia.....	50@ 6 00
Mrs. Chas. Russell.....	1 00@ 8 00
Cleveland.....	5 00@ 6 00
Hadley.....	5 00@ 6 00
Hoosier Beauty.....	50@ 6 00
Cattleya Orchids, special.....each,	35@ 40
inferior grades.....	1 00@ 5 00
Dahlias.....	2 00
Bouvardia.....	3 00@ 4 00
Rubrams.....	4 00@ 6 00
Lilies, Longiflorum and Harrisii.....	2 50@ 5 00
Lily of the Valley.....	2 50@ 3 50
Gladiolus Panama.....	1 00@ 2 00
inferior grades.....	35@ 2 00
Asters.....	50@ 1 50
Carnations.....	1 00@ 3 00
Chrysanthemums.....per doz.	40@ 50
Adiantum Crenatum and	2 00@ 2 25
Hybridum.....	1 00@ 1 25
Asparagus Plumosus.....doz. bchs.	
Smilax.....doz. strings.	

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
 Telephones: Farragut { 4422
 4423
PERCY W. RICHTERS, Manager.
 Mention the American Florist when writing

HOUSE OF FERNS
 Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.
 Mention the American Florist when writing

Frank H. Traendly Charles Schenck
Traendly & Schenck
 Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Farragut.
 Orchids, Roses, Carnations and all the other
 best products of the leading growers.
 Consignments solicited.

WM. KESSLER,
 Successor to Kessler Bros.
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CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.
 Desirable well space to rent for advertising.

V. S. DORVAL. Secretary.

The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
 Florist Trade at Wholesale.
 Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK

George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.
M. C. Ford
121 WEST 28th STREET
NEW YORK
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The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the
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Wouldn't you like to be able to say to the public—**ALL EYES HERE**—in a new and attractive way? In a way they would like and act upon?

This is the way to do it—

Dress your window with our boxes for cut flowers. You will be surprised and pleased with the result.* The boxes will help to sell the flowers.



A.A. ARNOLD PAPER BOX COMPANY

1302-1308 West Division St., Chicago



The Submarine Freighter

is an innovation and so are the monster Auction Sales being conducted by

JOHNSON & MILLANG, Inc., Auctioneers

Coogan Bldg., 55-57 West 26th St., NEW YORK
Under Cut Flower Exchange

Follow the Crowd and Buy at Auction Holland's finest Bulbs, also Decorative Plants, Evergreens, etc.

Sales every Tuesday and Friday at 9:00 a. m.

10,000 square feet devoted to our auction business.

Write for Catalogue.

It now appears that through the efforts of Mayor Mitchel and Oscar S. Straus, chairman of the public service commission, no sympathetic strike of longshoremen, boatmen and other trades will be called to aid the carmen. The labor leaders have promised not to call out more men; at least not until another attempt is made to settle the differences between the street car companies and their men.

The Holland-American Line freight steamer, Poeldyk, entered the harbor on September 17, bringing 12,000 cases of Dutch bulbs. The Noordam of the same line, came in September 18, a part of her cargo also being bulbs. There were consignments to practically every seedsmen in this city and many to brokers; also, consignments for Boston, Pittsburgh and other cities.

Calling recently on John Scheepers & Co., Inc., we were shown a handsome silver medal which was awarded them at the Newport, R. I., show, August 17, for a superior strain of begonias. They also took first prize at the Cleveland show for lilies and received honorable mention for *Spiraea* *America*. They also had an exhibit of hyacinths, tulip and lily bulbs of fine quality.

Louis A. Noe, the well-known grower of American Beauties, at Madison, N. J., was in the city September 18. His houses are now sending in good stock. He and his head salesman, Matthew Sampson, have recently returned from a successful fishing trip on the St. Lawrence river.

The Cathedral Floral Co., 2138 Eighth avenue, has recently been quite busy with funeral work. A. F. F.

BUFFALO, N. Y.—Petitions in bankruptcy were filed September 1 by the following: D. B. Sayer, liabilities \$5,605.60, assets, \$100; Peter Podelniak, liabilities \$4,899.40, assets, \$75.

NEW ALBANY, IND.—The dahlia display on the farm of E. L. Kunzman on Green Valley road is attracting visitors in large numbers, 400 different varieties being in bloom.

Buffalo, N. Y.

READY FOR FALL BUSINESS.

The local florists are prepared for what is anticipated will be a busy fall season. Several cool days and a little rain have improved the outdoor stock and enhanced the quality of the early indoor flowers. The variety is large and should meet the requirements of the most fastidious. The offerings include American Beauty, Maryland, Shawyer, Ward, Killarney and Francis Scott Key in roses, qualities varying from \$1 upward per dozen, asters, gladioli, cosmos, calendulas, and the first of the dahlias which have arrived; also, tritomas and some chrysanthemums which are on sale, but the sales are not numerous, due to the small flowers and weak stems, together with their poor keeping qualities. Some good orchids are to be seen, but not in any quantity, and lily of the valley continues scarce, the retail price being \$1.50 per dozen.

NOTES.

The local florists have been unusually afflicted since June in the deaths of those dear to them. First came the passing of William F. Kasting, then the beloved wife of Wm. Legg, valued secretary of the florists' club, and last, Mrs. Captain Johnson, who, before her marriage, was Miss Rachael M. Rebstock, who had a store on Main street for about 10 years, until her marriage four years ago. She was very successful in her business. She had enjoyed good health until about three months ago. She was highly esteemed by all who knew her. Her brothers, Joseph M. and Stephen J. Rebstock, are engaged in the florists' trade in different locations in this city.

Several of the stores have brightened up for the season, among them being those of S. A. Anderson, the Lenox Flower Shop and Felton's Shop of Flowers.

W. J. Palmer is still in northern Canada, where he goes to recuperate each year.

FLORISTS'

GREENING PINS.

No Florist should be without a box of Greening Pins, considering their small price, convenience and amount of labor saved. One box contains 10 lbs. (about 10,000 to 11,000 pins). (Samples free).

Price, per box.....\$1.50
5 boxes for..... 7.00

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Wholesale Florist

1324 Pine St., St. Louis, Mo.

New Crop Smilax

Smilax..... at \$2.50 per case
Green Sheet Moss..... 1.75 per bag
Perpetuated Moss..... 3.50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens

EVERGREEN,

ALABAMA

New Crop Smilax

Smilax..... at \$2.50 per case
Green Sheet Moss... 1.75 per bag
Perpetuated Moss.... 3.50 per bag

Edward A. Beaven, **EVERGREEN, ALA.**

Mention the American Florist when writing

Miss Jean Lindsay, of S. A. Anderson's, is enjoying a well-earned vacation.

BISON.

DES MOINES, IA.—H. J. Watson will build an addition to his range in the near future.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

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Wm. A. Seeger
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Eighth and Locust Sts.
3514-16-20 N. Grand Av.

Telegraph orders filled on short notice in St. Louis
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Successor to Sievers & Boland

FLORIST

60 KEARNY STREET

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for
delivery in the Twin Cities or the
Northwest.



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THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

NEW YORK.
No. 22 West 59th Street
Adjoining Plaza Hotel
Member of the Florists' Telegraph Delivery.

Original Decorations a Specialty.

Branch:
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Park Ave. and
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Member F. T. D.

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And 49th St., NEW YORK

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Des Moines.

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
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Largest and most centrally located store in
the city. All orders given prompt attention

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Wire and Mail Orders Our Specialty.

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Member of Florists' Telegraph Delivery.

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25 E. MADISON ST.

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For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members of Florists' Telegraph Delivery.

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The Smith & Feters Co.,

LEADING FLORISTS.

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JOSEPH'S

233-235 GRANT AVENUE

Members of Florist's Telegraph Delivery and National
Florists for this District. A specialty made
of "Welcoming" and "Bon Voyage" packages.

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The Park
Floral Co.

J. A. VALENTINE,
President.

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611 FIFTH AVE., COR. 49TH STREET.

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TELEGRAPH ORDERS forwarded to
any part of the United States, Canada
and all principal cities in Europe. Orders
transferred or entrusted by the trade to
our selection for delivery on steamships
or elsewhere receive special attention.

Reference or Cash must accompany all orders
from unknown correspondents.

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536 SOUTH SALINA STREET

General designs—All flowers in season

Young & Nugent

Telephone 2065-2066 Madison Square.

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To out-of-town florists: NEW YORK

We are in the Heart of
And give special attention to steamer and theater
orders. Prompt delivery and best
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Order Your Flowers for delivery
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D. C.

Gudes'

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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Established 1874.

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Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

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We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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Seattle's Leading Flower Shop
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Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

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SHOP, LTD.

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Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

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Name Index to Retail Florists Filling Telegraph Orders.

Alpha Floral Co, Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Briggs Floral Co., Chicago.
Brooklyn Cut Flower Market, Brooklyn, N. Y.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Callahan, M. J., Philadelphia, Pa.
Clarke's Sons, David, New York.
Comley, Henry R., 6 Park St., Boston, Mass.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Dard's, 44th and Madison Ave., New York
Dominion Floral Co., The, Montreal, Quebec.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyles, 106 State St., Albany, N. Y.
Evenden Bros., Williamsport, Pa.
Fox, J. M. & Son, Inc., Milwaukee, Wis.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Hatcher, John C., Schenectady, N. Y.
Heinl & Sons, J. G., Terre Haute, Ind.
Hencle, Miles S., Syracuse, N. Y.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Higgins, N. F., Springfield, Mass.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Howard & Smith, Los Angeles, Calif.
Huscroft's Flower Shop, Steubenville, O.
Johnston & Co., T. J., Providence, R. I.
Joseph's, 233-235 Grant Ave., San Francisco.
Joy Floral Co., Nashville, Tenn.
Keller Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia, Pa.
London Flower Shop, Ltd., Atlantic City, N. J.
Mangel, Chicago.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
McMurray, D. M., Pueblo, Colo.
Metairie Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Pearson, E. W., Newburyport, Mass.
Penn, The Florist, Boston, Mass.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Potter Floral Co., El Paso, Tex.
Pyfer & Olsem, Wilmette, Ill.
Randall's Flower Shop, Worcester, Mass.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London and Norwich, Conn.
Reuter's, Westerly, R. I.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Seki Bros. & Co., Los Angeles, Calif.
Smith & Fettes, Cleveland, O.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Van Meter Flower Shop, Springfield, O.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Whitted Floral Co., Minneapolis, Minn.
Wilson, J. S., Floral Co., Des Moines, Iowa.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
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Young & Nugent, New York.

Detroit, Mich.

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Corner Broadway and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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In the Heart of the most exclusive residential section.

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CLEVELAND

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Send your orders for Chicago and Suburbs to



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Special attention to Mail and Telegraph Orders

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Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

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Main and McKinney Phone, Preston 160

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyes, 106 State St.
Amsterdam, N. Y.—John C. Hatcher.
Atlantic City—The London Flower Shop, Ltd.
Boston, Mass.—Comley, Henry R.
Boston, Mass.—Thos. F. Galvin, Inc.
Boston, Mass.—Penn. The Florist.
Brooklyn, N. Y.—Brooklyn Cut Flower Market.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Briggs Floral Co.
Chicago—Friedman, 522 S. Michigan Blvd.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder, 3343 W. Madison St.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel, 17 E. Monroe St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fettes.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews, the Florist.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Des Moines, Ia.—J. S. Wilson Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
El Paso, Texas—Potter Floral Co.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Henry Smith.
Guthrie Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Paley.
Los Angeles, Calif.—Howard & Smith.
Los Angeles, Calif.—Seki Bros. & Co.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Milwaukee, Wis.—J. M. Fox & Son, Inc.
Montreal, Quebec—The Dominion Floral Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Philips Bros.
Newark, O.—Chas A. Duerr.
Newburyport, Mass.—E. W. Pearson.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Henry Hart, Inc.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W 59th St.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Svoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia, Pa.—M. J. Callahan.
Philadelphia—The London Flower Shop, Ltd.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Providence, R. I.—T. J. Johnston & Co.
Pueblo, Colo.—McMurray, D. M.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Schenectady, N. Y.—John C. Hatcher.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Joseph's, 233-35 Grant Ave.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Springfield, O.—Van Meter Flower Shop.
Springfield, Mass.—N. F. Higgins.
Steubenville, O.—Huseroff's Flower Shop.
Syracuse, N. Y.—Miles S. Henkle.
Terre Haute, Ind.—J. G. Heint & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Westerly, R. I.—Reuter's.
Wilmette, Ill.—Pyfer & Olsem.
Willamport, Pa.—Evdens Bros. Co.
Worcester, Mass.—Randall's Flower Shop.

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Wholesale and Retail Florists

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Mail or telegraphic orders promptly and most carefully executed.

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Established over 20 Years.

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Write or wire headquarters for flowers for Texas Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

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Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

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BROOKLYN
Cut Flower Market, Inc.
Floral Designs a Specialty
356 FULTON STREET
BRANCH: 408 Fulton St.
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NASHVILLE, TENN.

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Artistic Floral Work and Long Stem
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Morris Goldenson

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We solicit telegraph orders. Regular trade discount.
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All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

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Orders will be carefully
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Wholesale and Retail Florist of GRAND RAPIDS

Members of Florists' Telegraph Delivery.

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GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

St. Louis, Mo.

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Flowers delivered in city and state on short notice
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Orders Carefully Executed

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Huscroft's Flower Shop

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All Orders Promptly Executed

DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great
Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.

THINK OF HEINL'S

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Rockford, Ill.

H. W. BUCKBEE.

Member of Florists' Telegraph Delivery.

Sewickley Horticultural Society.

The regular meeting of the Sewickley Horticultural Society, held in Odd Fellows' hall, Sewickley, Pa., September 12, was well attended. The exhibition scheduled for September 22-23 came up for discussion and the final committee on arrangements was appointed.

William Thompson, Sr., arranged a display of orchids and Thomas Sturgis exhibited a collection of gladioli and some very fine seedling dahlias of the Indian family type. Both gentlemen were given a vote of thanks. After the business session, the reports of the field day held August 30, were gone over, the outing being voted a success in every way. The society extended a vote of thanks to Mrs. William Thaw for her kindness in granting the freedom of her estate to the members for that day. Applications were received from five new members.

M. CURRAN, Secy.

BALTIMORE, MD.—The Baltimore Wholesale Florist & Supply Co. is now located in its new quarters, 13 East Center street.

GLENS FALLS, N. Y.—The Crandall Flower Shop suffered a slight fire loss September 6. Binney's Flower Shop, 25 Grant avenue, also suffered from smoke and water.

KIRKWOOD, Mo.—The W. A. Rowe Floral Co. has been incorporated with a capital stock of \$20,000, paid in. The directors are W. A. Rowe, Elizabeth Karbar and Minnie Rowe.

**KANSAS CITY,
MISSOURI.**

**Rock's
FLOWERS**

Members Florists' Telegraph Delivery Ass'n.

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**The Palmer House
Florist**

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C. H. FREY, Wholesale
and Retail
Florist

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Will fill orders for the West on short notice
Trade discounts. First-class stock.

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Every order receives prompt and careful attention

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"Home Grown Flowers"

Get in touch with

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WISCONSIN.

Member of Florists' Telegraph Delivery.

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47 State St., NEWBURYPORT, MASS.,

Covers all New England points.

Trade Directory

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Send Telegraph, Telephone or Mail orders for florist service in this vicinity to

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Every Order sure to receive prompt and careful attention.

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WORCESTER, MASS.

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Member of Florists' Telegraph Delivery.

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OKLAHOMA CITY—GUTHRIE
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VAN METER FLOWER SHOP
SPRING
and HIGH, **Springfield, O.**

BEST FLOWERS for EVERY OCCASION.

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EVENDEN BROS. CO.

Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

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50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

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Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Hoffmans, N. Y.

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1338 O Street, LINCOLN, NEB.

WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

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El Paso, Texas.

Potter Floral Co.

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Mention the American Florist when writing

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Penn The Florist

"Penn, The Telegraph Florist"

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GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

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Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

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Canada's best known and most reliable florist

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Deliveries to steamers and all Eastern Points.

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THE BEST THAT GROWS
Experts to Arrange Them.

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Established in 1883.

Greenhouses and Nurseries in Riverdale.

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and all T. J. JOHNSTON & CO.

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—American Ass'n of Park Superintendents. 1870

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President;
F. W. Bolgiano, Washington, D. C., First
Vice-President; L. L. Olds, Madison, Wis.,
Second Vice-President; C. E. Kendel, Cleve-
land, O., Secretary and Treasurer. Thirty-
fifth annual convention, June, 1917.

CHICAGO.—Prices for grass seed on the Board of Trade, September 20, were as follows: Timothy, \$3.50 to \$4.75 per 100 pounds.

EUROPEAN flower seed reports of August 20 indicate extreme drought during midsummer and deluge of rain at time of writing.

SAN FRANCISCO, CALIF.—The W. F. Pitts Seed & Nursery Co. has opened a well-equipped establishment at 326-328 Market street.

OWENSBORO, KY.—The Rapier Seed & Grain Co. will replace its building recently destroyed by fire with a modern \$10,000 structure.

SECRETARY KENDEL is mailing the official report of the annual convention of the American Seed Trade Association, held at Chicago, June 20-22.

BEAN crop estimates in central Michigan are being scaled down 50 per cent following two hard frosts this week. Prices for 1917 are likely to equal those of 1916.

VISITED CHICAGO: George H. Dicks, representing F. Cooper Taber & Co., London, Eng.; Edwin Bishop, manager of T. W. Wood & Sons' Milford farm, Richmond, Va.

BULLETIN No. 406, of the department of agriculture, Washington, D. C., is on distinguishing characters of the seeds of Sudan grass and Johnson grass, with illustrations.

MT. PLEASANT, MICH.—The recently formed Michigan Seed Farms, composed of members of the Harris Bros. Seed Co., of this place, will take over the growing and wholesale end of the business.

NEW YORK.—The American Seed Tape Co. has been formed in this city with a capital of \$500,000. G. A. Mead, A. J. Case and H. E. Monahan, 134 West Thirtieth street, are among the organizers.

NEW YORK.—I. L. Radwaner has moved to his new establishment at 83-85 Water street, where he has 14,000 square feet of floor space with a complete line of seed cleaning machinery; also, up-to-date laboratory equipment.

SEATTLE, WASH.—W. H. Lilly, of the Chas. H. Lilly Co., will leave October 5 on the S. S. Empress of Russia from Vancouver for Japan to investigate conditions in connection with the buying agency this firm has had there for a number of years.

In a report by Consul General Thomas Sammons at Shanghai, China, to the United States department of commerce it is stated that bean exports of both yellow and broad beans showed a decrease of \$1,598,087 in value in 1915, indicating further diminished quantities shipped to countries at war in Europe.

COSMOS, DOUBLE.—The new double cosmos, which comes in white and pink, is a very desirable new type and if this strain can be had in the early flowering form it will be one of the most desirable annuals for cut flowers. Some early flowering plants have already made their appearance.

Newark, N. J. Seed Trade.

The S. A. Rogers Co., 14 Branford place, has issued a special fall list of seeds, bulbs and plants, which they handle.

At the seed store of J. F. Noll & Co. we found President Alexander Forbes busy and cheerful and an air of prosperity prevades the establishment. President Forbes is much interested in the prospective workings of the new law relating to the testing and inspection of seeds, which goes into effect, in New Jersey, November 1. Fred S. Peterson, of the staff of this store, and well known in the trade, was taken violently ill on September 4. The trouble was diagnosed as appendicitis, and he was removed to the Alexian Brothers' hospital, Elizabeth, and operated on. He is now recovering.

The seed stand, 10-11 Centre market, formerly conducted by the late Edward C. Eaton, is now leased by Ferdinand F. Baumer.

At the store of the J. F. Wilson Seed Co., Orange street, everybody was busy and cheerful.

Bean Outlook.

LeRoy, N. Y., September 18.—Our western New York districts have as yet had no general killing frosts. On the night of September 2 some low, exposed spots were somewhat touched by frost. We do not understand that Michigan has had damaging frosts up to this date. The outlook for the bean crop is very discouraging. This state will, unquestionably, give the smallest yield in many seasons. The planting was made late and the extreme heat and drought has retarded proper growth and development and the greater portion of the crop is still unfit for harvest and does not seem to be maturing as rapidly as it should, doubtless owing to the light rains which we have recently received and that seem to tend to produce a second growth on many plants. The Michigan crop also is short and it would seem as though the bean yield would be far below a normal crop.

Grand Rapids, Mich., September 18.—We have had no frosts as yet that have done any damage. The bean crop in Michigan for commercial pur-

poses is turning out much better than expected two or three weeks ago, which has been caused by the favorable weather we have been having. In some sections it is almost double what it would have been if we had had unfavorable weather during the last three weeks or since the first of September. The garden bean crop is shorter than usual. However, this is also better, due to recent conditions.

Sheboygan, Wis., September 18.—Our information at this writing is that the bean crop in Michigan has been only slightly damaged by the recent frost, but that in Wisconsin it has been damaged from 30 to 40 per cent. In some cases the late varieties made no crop at all, but some of the early varieties are fairly past danger.

Catalogues Received.

Arthur T. Boddington Co., Inc., New York, bulbs, seeds and plants; Peter Henderson & Co., New York, seeds and bulbs; J. Bolgiano & Son, Baltimore, Md., seeds; C. C. Hoy Co., New York, wholesale seeds; Vaughan's Seed Store, Chicago and New York, seeds, plants, bulbs, etc.; Henry F. Mitchell Co., Philadelphia, Pa., seeds, plants, greenhouse supplies and wholesale bulbs; O. K. Seed Store, Indianapolis, Ind., seed wheat; W. E. Marshall & Co., New York, fall bulbs; Hubert Bulb Co., Portsmouth, Va., bulbs; The Storrs & Harrison Co., Painesville, O., nursery stock; The Conard & Jones Co., West Grove, Pa., floral guide; Dean Iris Gardens, Moneta, Calif., irises; East Bridgewater Dahlia Gardens, East Bridgewater, Mass., dahlias; Charles D. Ball, Holmesburg, Philadelphia, Pa., palms; Wm. Elliot & Sons, New York, bulbs; The Livingston Seed Co., Columbus, O., bulbs and plants; Joseph Breck & Sons, Boston, Mass., bulbs; Winterson's Seed Store, Chicago, seeds, plants and bulbs; Peth & Duggan, New York, bulbs, seeds and garden supplies; A. L. Randall Co., Chicago, "Modern Flower Shops"; California Rose Co., Los Angeles, Calif., roses, etc.; Leesley Brothers Nurseries, Chicago, nursery stock; Jackson & Perkins Co., Newark, N. Y., wholesale list of nursery stock; Weeber & Don, New York, bulbs; J. M. Thorburn & Co., New York, bulbs; J. J. Wilson Seed Co., Inc., Newark, N. J., bulbs.

F. Cooper, Ltd., Wellington, N. Z., wholesale price list, seeds; Simon Louis Freres & Co., Bruyeres-Le-Chatel, France, seeds; Vil-morin-Andrieux & Co., Paris, France, seeds; Charles Detriche, Sr., Angers, France, nursery stock; The Union Nurseries, Oudenbosch, Holland, nursery stock, wholesale; V. Le-moine & Son, Nancy, France, delphiniums; The Royal Tottenham Nurseries, Ltd., Dedems-vaart, Netherlands, perennials; Samuel McGredy & Son, Portadown, Ireland, roses; St. Przedpelski & T. Antoniewicz, seeds of Russian conifers, trees and shrubs; W. Keessen, Jr. & Zonen, Aalsmeer, Holland, nursery stock.

Imports at New York.

During the week ending September 16, imports were received at New York, as follows:

From Havre, France—
To order, 550 bbls. and 300 bags clover and other seeds.
From Marseilles, France—
Vaughan's Seed Store, 974 cases bulbs.
Stumpff & Walter Co., 121 cases bulbs.
C. F. Meyer, 162 cases bulbs.
Henry & Lee, 16 cases bulbs.
Ralph M. Ward & Co., 265 cases bulbs.
H. F. Mitchell Co., Inc., 299 cases bulbs.
H. A. Dreer, Inc., 32 cases bulbs.
Chas. Schwake & Co., 81 cases bulbs.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED
Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.
Correspondence
Solicited.

Trade Directory

Containing the Names and Addresses of Florists of the United States and Canada.

PRICE, \$3.00 POSTPAID.

American Florist Co., 440 S. Dearborn St., Chicago

Braslan

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, and SUNFLOWER.

Seed Growers

SAN JOSE, CALIFORNIA

Company

Lilium Harrisii BULBS

	Per 100	Per 1000
5 in. to 7 in.....	\$ 5.00	\$40.00
7 in. to 9 in.....	9.00	80.00
9 in. to 11 in.....	22.00	.....

Freesia Refracta Alba

	Per 100	Per 1000
Mammoth size.....	\$1.75	\$12.00

For Immediate Delivery.

ROMAN HYACINTHS, 12-15
PAPER WHITE NARCISSUS
GRANDIFLORUS

Prices on application.

J. M. THORBURN & CO.
53 Barclay Street, through to 54 Park Place
NEW YORK CITY.

Mention the American Florist when writing

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, - - - - - NEBRASKA

Mention the American Florist when writing

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

Mention the American Florist when writing

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.

Woolworth Bldg., New York City

Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

The L. D. Waller Seed Co.

Gaudalupe, California

Wholesale Growers of

FLOWER SEEDS, SWEET
PEAS AND NASTURTIUMS

Correspondence Solicited.

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

To All Florists Using French Bulbs:

Vaughan's Seed Store advertisements and catalogues offer these bulbs by **stated measure** and in **regular cases**. Others report seeing advertisements of this stock which **do not** give measurements of the bulbs.

Why not get samples of French Paper Whites and the like this season before you place orders?

Vaughan's prices, grading considered, will average over fifteen per cent lower than those of our competitors, because bought early by our own agent in France and paid for in cash or on short terms.

Our present price of **\$7.85 per 1000** for the largest size of Paper White Grandiflora now obtainable, proves this statement.

Advance contract orders booked by us for Paper Whites will be filled with the larger sizes.

Write for our **delivered prices** on Lily Bulbs. Vaughan's **Formosum** run larger in all grades than those of other dealers.

Vaughan's Seed Store, CHICAGO
NEW YORK

Mention the American Florist when writing

KELWAY'S SEEDS--Flower, Vegetable and Farm

For present delivery or on contract. Wholesale only.

Special quotations for next season and
from 1917 harvest now ready.

Langport, - - - - - England.

Mention the American Florist when writing

BEANS, PEAS, RADISH

AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write for prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St., Telephone Main 2762. CHICAGO

BARNARD'S Seed Store 231-235 W. Madison St. CHICAGO.

Get Quotations From

LANDRETH SEEDS WHICH SUCCEED

Bloomdale
Farm.

Bristol, Pa.

LILY BULBS

FALL SHIPMENT FROM JAPAN

Prices quoted F. O. B. New York,
Chicago, Denver, San Francisco,
and London (Ont.)

Write for quotations stating quan-
tity, variety and size required.

McHUTCHISON & CO.

The Import House

95 Chambers St., NEW YORK



TYPE OF OUR CYCLAMEN.

Vaughan's Cyclamen

GIANT ENGLISH STRAIN.

Saint George. Foliage is beautifully margined with bright silver, not unlike the Begonia Rex, and the flowers are a rich salmon color. 100 seeds, \$1.50.

Mrs. L. M. Graves. The flowers are freely produced and are carried well above the foliage. The color is an intense and brilliant salmon scarlet. A healthy, vigorous grower and comes quite true from seed. 100 seeds, \$2.00.

Brilliant Giganteum. Very robust grower. Large fiery crimson flowers. Price, 100 seeds, \$1.25; 1,000 seeds, \$10.00.

Rosy Morn. Delicate rose color. Claret base.

Grandiflora Alba. The largest giant white.

Excelsior. White with red base. Extra large flowers.

Princess May. Pale pink.

Duke of Fife. Dark rose.

Mauve Queen. Mauve.

Princess of Wales. Deep pink.

GIANT GERMAN STRAIN.

Pure White (Mont Blanc). Rosa Von Marienthal.
Dark Rose. Dark Crimson. White and Carmine Eye.

Price, per 100 seeds, 85c; 1,000 seeds, \$6.00.

Mixed, Extra Choice. Per 100 seeds, 60c; 250 seeds, \$1.35; 1,000 seeds, \$5.00; 5,000 seeds, \$22.50.

GIANT ORCHID-FLOWERED.

These are exceptionally fine, with large flowers that are frilled and fringed in wonderful fashion.

White with Carmine Eye. Lilac. Pure White. Red. Pink.

Price, 100 seeds, 85c; 1,000 seeds, \$7.00.

Giant Orchid-Flowered Cyclamen. Mixed, extra choice. 100 seeds, 80c; 1,000 seeds, \$6.50.

Fall Florists' Catalog Now Ready.

Vaughan's Seed Store

CHICAGO
31-33 W. Randolph St.

NEW YORK
43 Barclay Street

Greenhouses and Nurseries, Western Springs, Ill.

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

Mention the American Florist when writing

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of
Pedigree Tomato Seeds

Baltimore, Md.

Mention the American Florist when writing

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners.

Mention the American Florist when writing

MANN'S

Lily of the Valley

are the finest in existence and their flowers
bring the best prices on the London market.
For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

Send Us Your Order Now.

Imported Bulbs

Narcissi, Hyacinths and Tulips
Freesias and Japan Lilies

We Offer
The Best Stock Grown.

Write for
Trade Price List.

ST. LOUIS SEED CO.,

The Home of "Pure and Sure Seeds"

411-413 Washington Ave.,

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STUART LOW CO.,

ROYAL Bush Hill Park
NURSERIES ENFIELD, - ENGLAND.
PRICE LIST ON APPLICATION.

During September and October any communication addressed to HARRY A. BARNARD, Hotel Albert, New York, will have prompt attention.

Cyclamen, Stuart Low's Superb Strain, 1916 crop, just harvested—Low's Salmon King, Giant White Phoenix, Vulcan, Mrs. Buckston, Princess May, etc. Also specialists in Orchids, Acacias, Grape Vines, Fruit Trees and Roses.

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS



Boddington's Re-selected Winter-flowering
Spencers as grown by Wm. Sim,
Cliftondale, Mass.

WINTER SPENCER SWEET PEAS.

	1 oz.	4 oz.	lb.
APRICOT ORCHID. Mostly apricot self.....	\$1.50	\$ 4.50	\$15.00
BOHEMIAN GIRL. Light pink.....	1.50	4.50	15.00
BRIDAL VEIL. Pure white.....	1.00	3.50	12.00
CHRISTMAS PINK ORCHID. Pink, white wings.....	3.00	10.00	35.00
MRS. A. A. SKACH. Bright pink.....	.65	2.00	7.50
MRS. JOHN M. BARKER. Lilac.....	1.50	4.50	15.00
MRS. M. SPANOLIN. Double; white.....	1.00	3.50	12.00
ORCHID BEAUTY. Rose-pink, with orange.....	.75	2.50	9.00
PINK-AND-WHITE ORCHID.....	.65	2.00	7.50
RED ORCHID. Bright cherry-red.....	.75	2.50	10.00
SENSATION. Newman & Legg's Christmas Pink Orchid.....	3.00	10.00	35.00
SENSATION SCARLET. Bright scarlet.....	3.00	10.00	35.00
THE CZAR. Rose, wings white, mottled pink.....	3.00	10.00	35.00
YARAWA. Bright rose pink. AUSTRALIAN grown seed.....	2.00	7.00	24.00
CALIFORNIA Grown Seed.....	.85	2.25	8.00

Mixed Spencers Winter Flowering, oz., 65c; ¼ lb., \$2.00; lb., \$7.50.

CYCLAMEN---Boddington's Gigantic

Choicest English Strains.

	Tr.	100	1000		Tr.	100	1000
	pkt.	seeds	seeds		pkt.	seeds	seeds
CHERRY RED	\$0.50	\$1.00	\$9.00	PEACH BLOSSOM. Rose color.....	\$0.25	\$0.75	\$7.00
CRIMSON .....	.25	.65	6.00	PRINCESS MAY. Color pink..	.50	1.00	9.00
CRIMSON AND WHITE.....	.50	1.00	9.00	ROSE OF MARIENTHAL. Shell			
LILAC .....	.25	.65	6.00	pink .....	.25	.65	6.00
PINK. Soft pink .....	.25	.65	6.00	SALMON KING. ....	.50	1.00	9.00
ROSE. Light rose .....	.25	.65	6.00	SALMON QUEEN .....	.50	1.00	9.00
SNOWFLAKE. White .....	.25	.65	6.00	SALMONIUM SPLENDENS ...	.25	.80	7.50
SYRINGA-BLUE .....	.25	.65	6.00	WONDER(GLODY)OF WANDS-			
WHITE BUTTERFLY .....	.50	1.00	9.00	BEK. Intense salmon-red ...	.50	1.00	9.00
PHOENIX. Cherry-crimson ..	.50	2.00	18.50	MIXED .....	.25	.60	5.50
PURPLE KING .....	.25	.80	7.50				
VULCAN. Rich crimson.....	.50	2.00	18.50				

MIGNONETTE---Boddington's Majesty

The best variety for greenhouse. Trade pkt., .60; ¼ oz., \$1.00; oz., \$7.50.

5 PER CENT DISCOUNT FOR CASH WITH ORDER.

Arthur T. Boddington Co., Inc., 128 Chambers St., New York City

Mention the American Florist when writing

My New PRICE LIST of

Winter Orchid-Flowering Sweet Pea Seed

Has been mailed. If you have not received a copy, send Postal for it.

Part of new crop will be ready early in July.

Ant. C. Zvolanek, Lompoc, Calif.

Grass Mixtures

— FOR —

Golf-Tennis-Polo

MEET ALL REQUIREMENTS FOR ALL SOILS

The Albert Dickinson Co.,
CHICAGO, ILL.

James Vick's Sons

Seedsman, Nurserymen, Florists

SEEDS
PLANTS
BULBS

All the leading
kinds for summer
and fall planting.

Ask for Catalogues. ROCHESTER, N. Y.

R. & M. GODINEAU SEED GROWERS

Angers. - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

SIMON LOUIS FRERES & CO.,

Bruyeres-le-Chatel (Seine et Oise), France.

ESTABLISHED 1666.

Wholesale Growers and Exporters of Choice Stocks of

Vegetable, Flower and Forage Seeds

Specialties—Giant Half-Sugar Mangel-Wurzel, Beet, Carrot, Celery, Dandelion,
Endive, Leek, Lettuce, Radish, Swiss-Chard, Swede and Turnip,
IMPORTERS OF—Red-top, Meadow Fescue, Blue
Grass, Sunflower, Timothy and Garden Peas. ENGLISH
CORRESPONDENCE.

Our traveling salesman, MR. LAWRENCE S. PAYN, who has been calling on the American
trade for many years past, is now in the United States and all mail should be addressed
to him care F. B. Vandegrift & Co., 15 Whitehall Street, New York.

Mention the American Florist when writing

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc.

Moorestown, New Jersey

Mention the American Florist when writing

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Asters,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

BRUNNINGS

Now contracting for Beans and Peas
for 1917, 1916 stocks being exhausted.

AUSTRALIAN BROWN ONION

1915-1916 crop seed still available

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenic, Cleveland, O., President; Howard W. Selby, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

Next annual convention will be held in Chicago, September 26-29, 1916.

Prices of Indoor Fruits and Vegetables.

Chicago, Sept. 19.—Mushrooms, home grown, 25 to 35 cents per pound; lettuce, tomato boxes, 25 cents; radishes, 50 cents to \$1.00 per 100 bunches; celery, 35 to 40 cents per box; tomatoes, six baskets, 75 cents to \$1.00; cucumbers, per climax basket, 10 cents to 25 cents.

New York, Sept. 19.—Celery, per crate, \$2.00 to \$4.00; cucumbers, 75 cents to \$2.50 per basket; mushrooms, \$1.00 to \$3.00 per 4-pound basket; tomatoes, per pound, 6 cents to 12 cents; radishes, per 100 bunches, 50 cents to \$1.00; lettuce, per strap, 75 cents to \$1.00.

Vegetable Growers' Convention.

The Chicago convention committee in charge of the arrangements for the annual meeting of the Vegetable Growers' Association of America, which will be held at the Hotel La Salle, September 26-29, adopted the following programme:

TUESDAY, SEPTEMBER 26.

10 a. m.—Open session.

Welcoming address and response.

Reports of officers.

Reports of state vice-presidents.

Announcements.

2 p. m.—"Greenhouse" session.—R. L. Watts, chairman.

Illustrated address—"Certain Diseases of Truck Crops and Their Control," by L. R. Jones, Professor of Plant Pathology, Wisconsin state experiment station.

Illustrated address—"Soil Fertility in Relation to Market Gardening," by Henry G. Bell, agronomist, National Fertilizer Association, Chicago.

Address—"Refrigeration in Relation to Marketing Vegetables," by Arnold H. Goelz, mechanical and refrigerating engineer, Kroeschell Bros. Co., Chicago.

Night—Open.

WEDNESDAY, SEPTEMBER 27.

9 a. m.—Inspection trip to north side greenhouses and gardens.

1 p. m.—Lunch at inn.

Addresses of special interest to Chicago growers.—Chicago commission men on "Preparing Vegetables for Market."

8 p. m.—"Better Seeds" session.—C. E. Durst, chairman.

"The Seedsman's Attitude Toward the Disclaimer," by Leonard H. Vaughan, Chicago.

"The Relation of the Seedsman's Disclaimer to the

Purchase of Vegetable Seeds," by A. L. Stone, president of American Seed Analysts' Association, Madison, Wis.

Report of committee on nomenclature and varieties of vegetables.

Report of committee on seed inspection and certification. Discussion of the seedman's disclaimer.

THURSDAY, SEPTEMBER 28.

7 a. m.—Visit to Water street and Randolph street farmers' markets.



R. L. Watts, Pennsylvania State College.
Ex-President Vegetable Growers' Association.

9 a. m.—"Marketing" session.—H. W. Shelby, chairman.

"Auction System of Selling Perishable Products."

Victor K. McElheny, Jr., New York.

"Advertising for the Vegetable Growers."—L. C. W. Tuthill, New York.

Address on standardization by representatives of the bureau of markets, United States department of agriculture.

Talk on crop reports by representatives of bureau of crop estimates, United States department of agriculture.

Report of committee on weights and measures.

Report of committee on co-operative buying and selling.

2 p. m.—"Marketing session" (continued).

8 p. m.—Illustrated lecture. "Science and the Soil."—Henry G. Bell, Chicago.

FRIDAY, SEPTEMBER 29.

9 a. m.—Roundtable discussion—"Extension Work for Vegetable Growers," led by C. W. Waid, Michigan Agricultural College, East Lansing.

Reports of committees; unfinished business.

Election of officers.

Afternoon—Open.

6 p. m.—Banquet.

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.

THE BEST AMERICAN BOOK ON THE SUBJECT
170 Pages.—Price \$1.00—29 Illustrations.

AMERICAN FLORIST COMPANY
440 S. Dearborn Street, Chicago.

Miscellaneous Plants.

	2-in.	2-in.	3-in.	3-in.
	100	1000	100	1000
Alternanthera	\$2.00	\$18.50	\$3.00	\$25.00
Lantanas, 10 varieties, 2.00	18.50	3.00	25.00	
Moonvines, white & blue 2.00	18.50	3.00	25.00	
Parlor Ivy, S. Scandens 2.00	18.50	3.00	25.00	
Petunias, Double and single, mixed	2.00	18.50	3.00	25.00
Pompon Chrysanthemums 2.00	18.50	3.00	25.00	
Salvia, Bonfire & Zurich 2.00	18.50	3.00	25.00	
Swainsona, white.....	2.00	18.50	3.00	25.00

Cash with order.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

Some Fine Stock.

	Per 100	Per 1000
2½-in. Asparagus Plumosus.....	\$ 3.00	\$ 25.00
2½-in. Asparagus Sprengeri.....	3.00	25.00
2½-in. Asparagus Hatcheri.....	3.00	25.00
4-in. Asparagus Plumosus.....	7.00	65.00
4-in. Asparagus Sprengeri.....	7.00	65.00
2½-in. Begonias, 8 varieties.....	6.00	55.00
2½-in. Chinese Primroses, 20 kinds	3.00	25.00
3-in. Cyclamen, 8 separate vars...	8.00	75.00
4-in. Cyclamen, 8 separate vars...	20.00	175.00
2¼-in. Snapdragons, white, pink and yellow	4.00	35.00
5,000 ferns in 5 varieties, fine stock, \$15, \$20 and \$25 per 100		
100,000 2 and 2¼-in. Pot geraniums in 28 varieties.....	2.25	20.00

Also abundance of other stock. Correspondence Solicited.
ALONZO J. BRYAN, Wholesale Florist.
Washington, New Jersey.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabiosa, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

BOSTON FERNS

Large Stock of Fine Plants

	Per Doz.		Per Doz.
4-inch, at.....	\$1.50	7-inch, at.....	\$ 9.00
5-inch, at.....	3.00	8-inch, at.....	12.00
6-inch, at.....	6.00	9-inch, at.....	15.00

Extra Special—\$1.50

We have a very fine lot of 9-in. Boston Ferns at the above price. These are very beautiful specimens.

Asparagus Sprengeri, 3 in.....	Per 100 \$ 5.00
Asparagus plumosus, 2½ in.....	3.00
Primula obconica, 3 in.....	5.00
Primula obconica, 4 in., \$1.50 per doz.....	12.00
Cyclamen, best varieties and color, 5 in.....	Per Doz. \$ 4.20
Latania borbonica, 6 in.....	6.00
Latania borbonica, 7 in.....	12.00
Kentia Belmoreana, 5 in.....	9.00
English Ivy, 4 in.....	1.50
Pteris Wimsetti, 4 in.....	1.00
Pteris serrulata, 4 in.....	1.00
Pteris cretica albo-lineata, 4 in.....	1.00
Aspidium Tsussimense, 3½ in.....	1.00
Crotons, 4 in., per doz., \$4.20; 5 in.....	6.00



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Bay Trees

STANDARD OR TREE SHAPED

Stems	Each	Pair
30-in. Crowns 24-in.....	\$ 7.00	\$13.00
45-in. " 26-in.....	7.50	14.00
48-in. " 34-in.....	12.00	22.00
48-in. " 40-in.....	15.00	28.00

PYRAMID—5 ft. high, 24 in. diameter..... 8.00 15.00

Boxwood Plants

IN TUBS

	Each	Pair
PYRAMIDS—2½-ft.....	\$2.00	\$3.75
3-ft.....	2.50	4.50
BUSH—24-inch.....	1.25	2.35
30-inch.....	2.75	5.00
36-inch.....	3.75	7.00
STANDARDS—18-20-inch stem, 12 inch ball tops.....	3.00	5.50
12-in. stem, 12-in. crown.....	1.25	2.25
14-15-in. stem, 12-in. crown.....	1.50	2.75
BUSH—Out of tubs—	Doz.	Per 100
10-inch.....	\$3.00	\$22.50
12-inch.....	4.00	30.00
18-inch.....	6.50	45.00

Out of tubs 25c each reduction.

10% discount allowed on Pyramids in lots of 10 or more.
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Ampelopsis Veitchi } Per doz., \$ 3.00
3-year, pot grown. } Per 100, 20.00

Fall "Book For Florists" Ready.

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The Nursery Trade

American Association of Nurserymen.

John Watson, Newark, N. Y., President; Lloyd C. Stark, Louisiana, Mo., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-second annual convention will be held at Philadelphia, Pa., June, 1917.

HARTFORD, CONN.—W. W. Hunt & Co. have resumed business at their former location, 24 State street, which was closed temporarily.

THE Michigan Agricultural College experiment station, East Lansing, has issued Special Bulletin No. 78, entitled, "Christmas Tree Plantations," covering experiments with Norway spruce since the station plantation was established in 1909.

WHEN in need of stock or supplies of any kind in a hurry it will be a great advantage to have a copy of the latest edition of our Trade Directory at hand for names and addresses. The price of the latest (1916) edition is \$3 per copy, postpaid.

Apple Forecast by Varieties.

The forecast of the total apple production as reported September 1, by the Bureau of Crop Estimates, United States department of agriculture, is 67,679,000 barrels of three bushels each, as compared with 76,670,000 barrels estimated produced last year, a decrease of 12 per cent. The leading varieties and estimated production in barrels are as follows: Baldwin, 9,302,000; Ben Davis, 9,245,000; Winesap, 3,794,000; Greening, 3,739,000; Northern Spy, 3,602,000; Wealthy, 2,863,000; Rome Beauty, 2,770,000; Jonathan, 2,432,000; York Imperial, 2,403,000; Grimes Golden, 2,050,000; Oldenburg, 2,001,000; Stayman Winesap, 1,380,000; Limbertwig, 1,318,000; Pippin, 1,277,000; Tompkins King, 1,174,000; Fameuse (Snow), 1,005,000; Golden Russet, 1,002,000; Yellow Bellflower, 766,000.

Holland Shipments.

In a recent communication received from C. Grootendorst, secretary of the Protective Association of Holland Nurserymen, Boskoop, in regard to a recent report that the Holland-American Line had already taken off several boats, that in all probability more would follow, and that when shipping time arrived there would be little in the way of ocean transportation facilities, the association requests us to state that such reports are highly exaggerated, as the steamship company has only taken off one boat, the S. S. Rotterdam, and has no intention of taking off any others. The Holland-American line has given the association the assurance that the transportation of plants and bulbs will be given the same necessary care as in the past and with sailings as regular as possible.

The delay which caused a shipment of plants to arrive at Washington, D. C., in a practically worthless condition, was according to the association due to a strike which tied up the S. S. Ryndam from March 28 until April 4. This has been satisfactorily settled and chances of future labor troubles are very slight.

N. Y. State Federation of Hort. Societies.

A meeting of the State Federation of Horticultural Societies was held at the state fair in Syracuse, September 14, 1916. Vice President E. A. Bates of Syracuse, presided. There was a good attendance at the meeting, and various reports were given on the work of the different committees during the past year.

A committee consisting of Messrs. McCarthy, Thorpe and White was appointed to draw suitable resolutions on the death of the late president, Wm. F. Kasting.

It was the opinion of the federation that its work would be more effective if there were more meetings during the year. It was therefore voted to hold an annual meeting at the New York state fair grounds in Syracuse during state fair week, a second meeting at Cornell during farmers' week, a meeting in New York City during the spring flower show, and a fourth meeting with some society of the federation at such time as the president might designate.

It was voted to provide for an executive board to consist of the president, secretary and treasurer of the State Federation of Horticultural Societies and the president of each affiliated society in the federation.

The officers elected for the ensuing year were as follows: F. R. Pierson, Tarrytown, president; Dr. E. A. Bates, Syracuse, first vice-president; George McCarthy, Syracuse, second vice-president; C. H. Vick, Rochester, third vice-president; George E. Thorpe, Syracuse, fourth vice-president; F. A. Danker, Albany, fifth vice-president; E. A. White, Ithaca, secretary; W. A. Adams, Buffalo, treasurer.

It was voted to appoint a committee of the federation to confer with the horticultural council in regard to an appropriation for a horticultural building at the New York state fair. The members elected to this committee were President Pierson and Messrs. Bates, Lumsden, Workman and Thorpe.

E. A. WHITE, Secretary.

NEW BRITAIN, CONN.—The range formerly operated by Mrs. Elizabeth Egbert on Whiting street, has been leased by F. H. Bellerer.

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Pot grown
2½ and 4-in.

Field grown
to pot 5 to 6-in.

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ROSES, CANNAS Shrubbery THE CONARD & JONES CO., West Grove, Penna.

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TEA GARDEN
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For your summer house,
made in a short time,
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Field-Grown Roses, Flowering Shrubs, Perennial Plants, Climbing Vines, Ornamental Trees.

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NOTE—Use printed stationery. We sell to the trade only, and do not knowingly compete with our customers by allowing our trade prices to get into the hands of private planters.

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Over Two Million Plants of SUPERIOR Quality.

All sizes from one foot to four feet. Very low prices in car-load lots.

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J. T. LOVETT, LITTLE SILVER,
NEW JERSEY

Ferns in Flats

In Best Varieties For Fern Dishes.

\$1.50 per 100

100,000 READY NOW

Write for Wholesale Catalogue of
FERNS, KENTIAS, ETC., to

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"THE FERNERIES"

Lawrence and Winnipeg Avenues.
SAN FRANCISCO, CALIF.

Field Grown Carnation Plants

Ready for shipment at any time.

	Per 100	Per 1000
Good Cheer	\$8.00	\$70.00
Alice, Mrs. C. W. Ward	6.00	55.00
Enchantress Supreme	5.50	50.00
Enchantress	5.00	45.00
Rose Pink Enchantress	5.00	45.00
Beacon	6.00	55.00
Harlowarden, The Herald	5.00	45.00
White Wonder, White Enchantress	5.50	50.00
Yellow Prince, Yellow Stone	7.00	60.00

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150 Monroe Avenue, GRAND RAPIDS, MICH.

BOXWOODS—MOST BEAUTIFUL STOCK

Pyramids, 2 -ft.....	\$1.00 each
Pyramids, 2½-ft.....	1.50 each
Pyramids, 3 -ft.....	2.00 each
Pyramids, 3½-ft.....	2.50 each
Standard Shape, 14x14 in.....	2.50 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 15-in.....	.35c each

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High Class **PALMS**

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Boxwoods—Pyramids, Standards, Globes, Bush, Dwarf—one of our leading specialties. Stocked in enormous quantities.

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Hardy Tubbed Evergreens—Clipped specimens in Taxus, Thuyas, Juniperus, Abies varieties in Pyramids, Globes and natural-shaped, in large assortment.

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Deciduous Trees and Shrubs—Our leaders—Norway Maple, American White Elm and Japanese Barberry.

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Extra Fine Field Grown

CARNATION PLANTS

35,000 ENCHANTRESS

\$5.00 per 100; \$45.00 per 1000.

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56 East Randolph Street,

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The Glory Fern (Adiantum Farleyense Gloriosa)

Adiantum Farleyense Gloriosa

THE GLORY FERN or RUHM VON MORDRECHT

This splendid Fern which so closely resembles Adiantum Farleyense in appearance and which does not require the special skill and care in growing that is necessary to produce good plants of A. Farleyense has quickly made a place for itself not only on account of the fact that it can be produced for little over a half that of growing Farleyense, but also because either in a cut state or as plants used in decorative work, it will outlast the old variety ten to one, making it an available subject where Farleyense can not be used at all. Since its introduction some 5 or 6 years ago there has never been a supply large enough to meet the demand. With this in mind we have prepared this season an extra large stock, which is in prime condition and we now offer select.

3 inch pots, \$2.00 per doz.; \$15.00 per 100; \$140.00 per 1000

4 inch pots, \$3.50 per doz.; \$25.00 per 100

6 inch pots, \$1.00 each

For a Complete list of seasonable stock see our current Wholesale List.

The above offer is intended for the trade only.

HENRY A. DREER

714-716 Chestnut St., Philadelphia, Pa.

PLANT NOW!! VAUGHAN'S PLANT NOW!! Cut Flower Peonies

WE HAVE A LARGE STOCK OF FINE VARIETIES OTHER THAN THOSE LISTED HERE. WRITE FOR PRICE LIST

	Each.	Doz.	100
Couronne d' Or. Snow-white, yellow reflex, very large. Late; a splendid long-distance shipper. Splendid cut flower	\$0.30	\$3.00	\$20.00
Delachei. Deep rich purple, crimson reflex. Late and free blooming	.30	3.00	20.00
Duchess de Nemours (Calot). Sulphur white with greenish reflex, cup shape	.25	2.00	15.00
Duke of Wellington. White guards, sulphur center; vigorous grower, large flower	.35	3.60	25.00
Festiva Maxima. Flowers of immense size, 7 to 8 inches in diameter, snow-white with red blotches on edges of center petals	.30	3.00	20.00
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Marechal Vaillant (Syn. Lee's Rubra Grandiflora). Dark mauve pink, very large, globular rose-type. Very tall heavy stem; very late. A good variety	.40	4.00	30.00
Queen Victoria. White, center petals tipped carmine; large, full bloom; one of the best cut flower sorts; early	.25	2.00	12.00
Souvenir de l'Exposition Universelle. Large perfect shaped imbricated flower, brilliant cerise, with silvery reflex	.30	3.00	20.00
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Clean, bushy stock in the following varieties:

Light Pink Enchantress, White Perfection, Winsor and Scarlet Glow,
\$4.50 per 100; \$40.00 per 1000. Order before it is too late.

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TRADE DIRECTORY For 1916, Now Ready, Price \$3.00.

Ready Reference Section.

10 CENTS PER LINE, NET.



AMPELOPSIS VEITCHI.

Ampelopsis Veitchi, 3-year, pot-grown, \$3 per dozen; \$20 per 100. Vaughan's Seed Store, Chicago and New York.

ASPARAGUS.

Asparagus Sprengeri, 3-in., \$5 per 100; Asparagus plumosus, 2½-in., \$3 per 100. The George Wittbold Co., 737 Buckingham Place, Chicago.

ASPARAGUS PLUMOSUS SEEDLINGS, extra strong, \$6.00 per 1,000. VAUGHAN'S GREEN-HOUSES, Western Springs, Ill.

Asparagus plumosus, Sprengeri and Hatcheri, 2½-in., \$3 per 100; \$25 per 1,000. Alonzo J. Bryan, Washington, N. J.

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ASPARAGUS SPRENGERI, 3-in., \$4 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

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Azaleas. W. & T. Smith Co., Geneva, N. Y.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHS CO., Rutherford, N. J.

BEGONIAS.

Begonia Chatelaine, 2½-in., \$3.50 per 100; 3-in., \$8 per 100; 4-in., \$15 per 100; 5-in., 25c each. Begonia Lorraine, 2-in., \$10 per 100; 2½-in., \$12 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS.

Erfordil, 3-in. \$6.00 per 100
Chatelaine, 2½-in. 3.50 per 100
ERNEST ROBER, Wilmette, Ill.

BEGONIAS—Immediate Delivery.

Mrs. J. A. Peterson (new), 2½-in. pots..\$ 25.00
Per 1,000 200.00
JULIUS ROEHS CO., Rutherford, N. J.

Begonia Vernon, 2-in. stock, \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

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BOXWOODS.

PYRAMIDS. Broad, heavy specimens, 2 ft., \$1.90 each; 2½ ft., \$2.00 each; 3 ft., \$2.50 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee, Ill. Write for prices on larger sizes.

BUSH SHAPE, 10-12-in., balled, 30c each; 18-in., balled, 60c each; 30-in., balled, \$1.75 each.

THE D. HILL NURSERY CO., INC.
Box 404, Dundee, Ill.

Bay and Boxwood Trees. Very choice stock. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHS CO., Rutherford, N. J.

BULBS.

Bulbs, Lilium Formosum. Late dug bulbs, ready for shipment now. 7 to 9-in., 300 to case, \$7 per 100, \$60 per 1,000; 8 to 10-in., 225 to case, \$8.50 per 100, \$78 per 1,000; 9 to 10-in., 160 to case, \$10 per 100, \$95 per 1,000; 11 to 13-in., 100 to case, \$20 per 100. Callas, California grown, fine well ripened bulbs, with live center shoots, select size, \$9 per 100. Mammoth, \$12 per 100. Godfrey, 4-in. plants (ready September 20), \$15 per 100. Purity Freesia, ½-in., \$1.20 per 100, \$10 per 1,000. A. Henderson & Co., 211 N. State St., Chicago.

Bulbs, Chinese Narcissus, per mat (120 bulbs), \$5; 8 mats (960 bulbs), \$37.50. Narcissus (True), Paper White Grandiflora, 12 ctm. and up, \$7.85 per 1,000. Freesias (Purity True), ¼ to ½-in., \$1.25 per 100; \$10 per 1,000; ¾ to 1-in., \$1 per 100; \$7 per 1,000. Vaughan's Improved Purity, ¼ to ½-in., \$1.75 per 100, \$15 per 1,000; ¾ to 1-in., \$1.50 per 100, \$12 per 1,000. Lilium Formosum and Callas. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs, Lilium Formosum, delivery now, A-1 stock. Write for prices. Rainbow Freesias, new and very fine, in yellow, orange, lavender and pink. \$5 per 100, \$40 per 1,000. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Bulbs, Lilium Harrisii for immediate delivery, 5-in. to 7-in., \$5 per 100; \$40 per 1,000. 7-in. to 9-in., \$9 per 100; \$80 per 1,000. 9-in. to 11-in., \$22 per 100. J. M. Thorburn & Co., 53 Barclay St., New York City.

Bulbs, Imported. Narcissus, Hyacinths and Tulips. Freesias and Japan Lilies. Write for trade price list. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

Lilium Formosum. For sizes and prices see advertisement on cover page of this issue. Wm. F. Kasting Co., 568-570 Washington St., Buffalo, N. Y.

BULBS. Imported. Hyacinths, tulips, narcissus and Paper White Grandiflora. Write for prices. SLUIS SEED STORE, 544 W. 63rd St., Chicago.

Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Bulbs, seeds, supplies, etc. Wholesale only. American Bulb Co., 178 N. Wabash Ave., Chicago.

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CACTI.

CACTI, my choice, 25 vars., \$3; 50 vars., \$8; 100 in 10 vars., \$10; succulents, 20 vars., \$1; 50 vars., \$4; 100 in 10 vars., \$4. Cash with order. Charges paid. A. G. GREINER, 4419 Natural Bridge Ave., St. Louis, Mo.

CALADIUMS.

Caladiums, finest fancy leaved varieties, 35c, 50c, 75c, \$1 and \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

CARNATIONS.

Extra fine field-grown
CARNATION PLANTS.
35,000 Enchantress,
\$5.00 per 100; \$45.00 per 1,000.
PERCY JONES, INC.,
Wholesale Florist,

56 E. Randolph St., Chicago.

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CARNATION FIELD PLANTS.

The season has been exceptionally good for growing field plants with us and we offer the following very choice plants:

BELLE WASHBURN, the best commercial red carnation, winner of prizes wherever exhibited, per 100, \$12; per 1,000, \$100.

1,000 Matchless \$7.00 per 100
1,000 White Enchantress 5.00 per 100
500 White Wonder 5.00 per 100
500 Washington 5.00 per 100
500 Dark Pink 5.00 per 100

BASSETT & WASHBURN,
178 N. Wabash Ave., Chicago.

Carnation plants, field-grown, extra fine stock for immediate shipment. Pink Enchantress, Rosette, \$5.50 per 100; \$50 per 1,000; Philadelphia, Ward (medium sized), Bonfire (medium sized), \$5 per 100, \$45 per 1,000. Wiator Bros., 162 N. Wabash Ave., Chicago.

We have the following to offer at 5c: 675 Herald, 500 White Enchantress and 200 Enchantress. These are good plants. Can ship on short notice. Cash with order. SIMANTON & PENCE, Falls City, Neb.

Field-grown carnation plants, Pink Enchantress, \$5 per 100, \$40 per 1,000. Des Plaines Floral Co., Des Plaines, Ill.

FIELD-GROWN CARNATION PLANTS.

	Per 100.	Per 1,000.
10,000 White Perfection	\$6.00	\$50.00
15,000 White Enchantress	6.00	50.00
20,000 Pink Enchantress	6.00	50.00

Ready for shipment now or will reserve for later delivery. We guarantee plants to be in healthy condition at time of shipment.

PITTSBURGH CUT FLOWER CO.,
Carnation Growers Pittsburgh, Pa.

Field-grown carnation plants for quick delivery. Fine lot of Enchantress at \$5 per 100, \$40 per 1,000. Also Philadelphia and Ward, \$6 per 100, \$50 per 1,000; White Enchantress, \$5 per 100, \$45 per 1,000.

CHICAGO FLOWER GROWERS' ASSOCIATION
182 N. Wabash Ave., Chicago, Ill.

New carnation, Cottage Maid, a sport of Mrs. C. W. Ward. A new carnation of a delightful shade of flesh pink, somewhat darker than Enchantress. Rooted cuttings, \$12 per 100; \$100 per 1,000. Cottage Gardens Co., Inc., Queens, N. Y.

Field-grown carnation plants, 4,000 Gloriosa, 500 Enchantress, 1,000 Champion, 3,000 White Perfection, 2,000 Philadelphia, 500 Beacon, 500 Matchless, \$6 per 100, \$50 per 1,000. 1,000 Alice, \$7 per 100, \$60 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

FIELD-GROWN CARNATION PLANTS.

Very choice stock in this variety.
Enchantress.....\$5.00 per 100; \$45.00 per 1,000
SINNER BROS.,
158 No. Wabash Ave., Chicago.

Thenanthos, a commercial red carnation. Cuttings ready for delivery Jan. 1, 1917. Price, \$12 per 100, \$100 per 1,000. Exclusive distributors. A. L. Randall Company, Wabash Ave., at Lake St., Chicago.

Carnation plants, field-grown stock in the following varieties: Light Pink Enchantress, White Perfection, Winsor and Scarlet Glow, \$4.50 per 100, \$40 per 1,000. J. A. Budlong, 184 N. Wabash Ave., Chicago.

Carnation plants, field-grown, extra fine stock, ready for immediate delivery. Zoe Symonds, Washington, Philadelphia and White Perfection, \$4.50 per 100, \$40 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CARNATIONS.

Carnation plants, field grown, ready for shipment at any time. For varieties and prices see advertisement elsewhere in this issue. **ELL CROSS**, 150 Monroe Ave., Grand Rapids, Mich.

CARNATIONS. Enchantress, Rose Pink Enchantress, Philadelphia and Beacon, \$6 per 100. Rosette, 6c; second size, 4c. Cash please. **HARRY HEINL**, West Toledo, O.

CARNATION PLANTS, good field-grown stock. Philadelphia, Matchless, Champion, Comfort, Enchantress and others. \$5.00 per 100. **HENRY SMITH**, Grand Rapids, Mich.

Best red carnation, Belle Washburn, field-plants, all strictly first size, ready for benching. \$12 per 100; \$100 per 1,000. **Bassett & Washburn**, 178 N. Wabash Ave., Chicago, Ill.

Carnation Aviator. Field plants, good strong healthy stock, \$12 per 100; \$100 per 1,000. Delivery now. **J. D. Thompson Carnation Co.**, Joliet, Ill.

Carnations. **F. Dörner & Sons Co.**, Lafayette, Ind.

CHRYSANTHEMUMS.**CHRYSANTHEMUMS.**

Emma—A Garza-Anemone, double pompon, pale pink; it's a dandy; you will make no mistake in buying stock of this 'mum. Comes into bloom about November 15; finishes early in December. Cuttings ready now. \$15 per 100. **GUTTMAN & RAYNOR, INC.**, 101 W. 28th St., New York.

Chrysanthemums, Pompon variety, 2-in., \$2.00 per 100; \$18.50 per 1,000; 3-in., \$3.00 per 100; \$25.00 per 1,000. **R. Vincent, Jr. & Sons Co.**, White Marsh, Md.

CHRYSANTHEMUMS. Good commercial varieties, 2½-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. **HENRY SMITH**, Grand Rapids, Mich.

CLEMATIS.

Clematis. **W. & T. Smith Co.**, Geneva, N. Y.

COLEUS.

Coleus, Emperor Wilhelm, 3-in., 8c each; 4-in., 15c each. **Poehlmann Bros. Co.**, Morton Grove, Ill.

CROTONS.

Crotons, 4-in., \$4.20 per doz.; 5-in., \$6 per doz. **The George Wittbold Co.**, 737 Buckingham Place, Chicago.

CYCLAMEN.**CYCLAMEN GIGANTEUM SEED.****Improved Wandsbek Type.**

White, white with eye, light red, rose pink, bright red, dark blood red. Equal divided, \$6.00 per 1,000; including Glory of Wandsbek, \$1.00 per 100.

Glory of Wandsbek, dark and light salmon, separate, \$5.00 per 1,000; \$1.25 per 100.

Improved Glory of Wandsbek, dark and light. Best salmon, some are nearly double flower, extra large and easy grower, good bloomer, \$10.00 per 1,000, \$1.50 per 100.

Rococco erecta, new mixed color or separate. This variety is new and not to be compared with the old. Easy to grow, good bloomer, fit to grow in quantities, \$12.00 per 1,000, \$2.00 per 100.

ERNEST ROBER, Wilmette, Ill.

Cyclamen, best varieties and colors, 5-in., \$4.20 per doz. **The George Wittbold Co.**, 737 Buckingham Place, Chicago.

DAHLIAS.

Dahlias. Best new and standard varieties. **Peacock Dahlia Farms**, Williamstown Junction, N. J.

Dahlias, in a large variety and best quality. **The Leo Niessen Co.**, 1201-5 Race St., Philadelphia, Pa.

DAISIES.

BEST FLOWERING DAISIES. Chicago White, special strain, 2½-in., \$5.00 per 100; Etolle D'Or, 2-in., \$5.00 per 100. Cash please. **A. E. HUNT & CO.**, 30 E. Randolph St., Chicago.

DRACAENAS.

DRACAENA INDIVISA, 5-in., \$35.00 per 100; 4-in., \$15.00 per 100; 3-in., \$6.00 per 100. **ERNEST ROBER**, Wilmette, Ill.

DRACAENA INDIVISA, 5-in., 35c. **Harry Heint**, West Toledo, O.

Dracaena Indivisa, 2-in., \$2 per 100, \$18 per 1,000. **Elmer Rawlings**, Allegany, N. Y.

FERNS.**BOSTON FERNS.**

	Per dozen.
4-inch	\$ 1.50
5-inch	3.00
6-inch	6.00
7-inch	9.00
8-inch	12.00
9-inch	15.00

The George Wittbold Co., Chicago.

Adiantum Farleyense Gloriosa. The Glory Fern or Ruhm von Mordrecht. We have an extra large stock, in prime condition: 3-in., \$2 per doz., \$15 per 100, \$140 per 1,000; 4-in., \$3.50 per doz., \$25 per 100; 6-in., \$1 each. **Henry A. Dreer**, 714-716 Chestnut St., Philadelphia, Pa.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias. **H. Plath**, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns, Boston, 4-in., \$15 per 100; 7-in., \$6 per doz.; 8-in., \$1 each, \$9 per doz. Large plants in 11 and 12-in. pots, \$2.50 and \$5 each. **R. Vincent, Jr. & Sons Co.**, White Marsh, Md.

TABLE FERNS, best varieties, fine stock, 2-in., \$3 per 100, \$25 per 1,000; 3-in., \$5 per 100, \$40 per 1,000. **HENRY SMITH**, Grand Rapids, Mich.

FERNS—Boston, Roosevelt, Springfield, 4-in., \$7.50 per 100; 3-in., \$5.50 per 100. Fine stock. Cash with order. **THE COLONIAL GARDENS**, Orlando, Fla.

Fine Nephrolepis ferns. For varieties and prices see advertisement elsewhere in this issue. **F. R. Pierson Co.**, Tarrytown, N. Y.

New fancy ferns, special picked. **C. A. Kuehn**, 1812 Pine St., St. Louis, Mo.

GERANIUMS.

GERANIUMS. Extra strong, 2-in., **S. A. Nutt**, Ruby (best dark red), Dagata, Ricard, Red Wing, Vland, Landry, La Favorite, Perkins, Oberle and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. **Dr. Wylie**, Aviator, Rogers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. **F. H. DE WITT & CO.**, Wooster, O.

Geraniums, in good 3-in. stock at \$3 per 100; \$25 per 1,000; 2-in., at \$2 per 100. **R. Vincent, Jr. & Sons Co.**, White Marsh, Md.

GERANIUMS. Mixed varieties, fine healthy plants, \$3.00 per 100. **M. C. GUNTERBERG**, 158 North Wabash Avenue, Chicago.

Geraniums, 100,000 in 2 and 2½-in. pots, in 28 varieties, \$2.25 per 100; \$20 per 1,000. **Alonzo J. Bryan**, Washington, N. J.

Geraniums, **S. A. Nutt** and **Buchner**, \$10 per 1,000; **Ricard** and **Poitevine**, \$12.50 per 1,000. **Albert M. Herr**, Lancaster, Pa.

Geraniums, **S. A. Nutt**, 2-in., \$16 per 1,000. **Elmer Rawlings**, Allegany, N. Y.

GREENS.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. **Caldwell**, The Woodsman Co., Evergreen, Ala.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. **E. A. Beaven**, Evergreen, Ala.

GREEN SHEET MOSS. 50c per bundle, \$1.45 per bag. Everything in the southern evergreens cheap. **ALFRED HAY**, Garrison, Ky.

HYDRANGEAS.

HYDRANGAEA OTAKSA, 3-in., \$5 per 100. Flowering sizes pot-grown, 25c to 50c each. **HENRY SMITH**, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. **Peterson Nursery**, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. **C. L. Van Meter**, Monticello, Iowa.

LANTANAS.

LANTANAS, mixed, 2-in., \$3.50 per 100. **ERNEST ROBER**, Wilmette, Ill.

LILY OF THE VALLEY.**From Storage.**

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. **Chas. Schwake & Co., Inc.**, 90-92 West Broadway, New York.

Lily of the valley. Finest in existence. For quotations address **Otto Mann**, Leipzig, Saxony, Germany.

MOONVINES.

Moonevines, lemon verbenas, swainsona, parlor ivy, S. scandens, alternanthera, coleus Salvia Bonfire and Zurich, cuphea, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. **R. Vincent, Jr. & Sons Co.**, White Marsh, Md.

ORCHIDS.

Orchids of all kinds, established and semi-established. **Lager & Hurrell**, Summit, N. J.

PAEONIA ROOTS.

Paeonia roots, must be moved at once. Our \$20.000 stock of these contains the best cut flower sorts for florists. Write for complete list. **Vaughan's Seed Store**, Chicago.

PALMS.

LATANIA BARBONICA PALMS, 15-in. tubs, suitable for decorative work, \$5 each. **Pandanus Veitchii**, 15-in. tubs, \$5 each. **HENRY SMITH**, Grand Rapids, Mich.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. **Poehlmann Bros. Co.**, Morton Grove, Ill.

Palms, high class, and novelties in decorative plants. **Robert Craig Co.**, Market and 49th sts., Philadelphia, Pa.

Palms. **Joseph Heacock Co.**, Wyncote, Pa.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. **HENRY SMITH**, Grand Rapids, Mich.

PANSIES.

Giant Flowering Pansy seedlings, heavily rooted, 35c per 100; \$2.50 per 1,000. **Steele's Private Stock Pansy seedlings**, exhibition strain, 50c per 100, \$4.50 per 1,000. Prepared to ship immediately short distances; advise shipping long distances only after October 10, to allow frost to harden. Cash. **JOS. H. CUNNINGHAM**, Delaware, Ohio.

PEONIES.

PEONIES—\$20,000 worth of best named varieties at our nursery, Western Springs, Ill. Now is planting time. Let us quote you. **VAUGHAN'S SEED STORE**, Chicago and New York.

Peonies. Write for list. **Peterson Nursery**, Stock Exchange Bldg., Chicago.

PEPPERS.

Peppers, Bird's-Eye, bushy plants, 4-in., \$12.00 per 100; \$100.00 per 1,000. Peppers, Celestial, 4-in., \$12.00 per 100; \$100.00 per 1,000. **Jerusalem Cherry**, 4-in., \$12.00 per 100; \$100.00 per 1,000. **PYFER & OLSEM**, Wilmette, Ill.

PRIMROSES.

PRIMROSES, Obconica, Chinensis and Malacoides, 2-in. pots at \$3.00 per 100. **HENRY SMITH**, Grand Rapids, Mich.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

POINSETTIAS.

POINSETTIAS, fine plants, \$5.00 per 100.
HENRY SMITH, Grand Rapids, Mich.

PRIMULAS.**PRIMULA MALCOIDES.**

Extra fine stock.	100	1,000
2-inch	\$3.00	\$27.50
2½-inch	4.00	35.00
3-inch	6.00	50.00

PYFER & OLSEM, Wilmette, Ill.

PRIMULAS.

Obconica, 2-in.	100
Malcoides, 2-in.	\$3.00
Malcoides, 3-in.	3.00
ERNEST ROBER, Wilmette, Ill.	6.00

Primulas, Grandiflora and Gigantea strain, only the choicest varieties; summer delivery, 2½-in., \$3 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Primula obconica, 3-in., \$5 per 100; 4-in., \$1.50 per doz., \$12 per 100. The George Wittbold Co., 737 Buckingham Place, Chicago.

PRIVET.

California Privet, of superior quality, in all sizes from one to four feet. J. T. Lovett, Little Silver, N. J.

PTERIS.

Pteris Wimsettii, 4-in., serrulata, 4-in., certica albo-lineata, 4-in., \$1.00 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

RESURRECTION PLANTS.

RESURRECTION PLANTS (Mexican Evergreen) scarce, per 100, \$3.25; per 1,000, \$25.00. Vaughan's Seed Store, 43 Barclay St., New York.

ROSES.**ROSES.**

2,000 White Killarney, 2½-in., grafted, good, big plants	100	\$8.00
2,000 Richmond, 2½-in., grafted, good, big plants	8.00	
1,000 Cecile Brunner, 3-in., own root, choice stock	4.00	
1,000 Mrs. Geo. Shawyer, 2½-in., own root, 4.00		

BASSETT & WASHBURN, 178 N. Wabash Ave., Chicago.

FINE 2½-INCH ROSE PLANTS.

Killarney	100	1,000
Richmond	\$4.00	\$35.00
Geo. Elgar (Baby Yellow)	3.00	25.00
Geo. Elgar	4.00	35.00

WISTON BROTHERS.

L. D. Phone, Randolph 2081.

162 N. Wabash Ave., Chicago.

Roses. Grafted 3½-in. stock: Pink and White Killarney, Brilliant, Old Gold, Scott Key, Elgar, \$140 per 1,000. Grafted 2½-in. stock: White Killarney, \$100 per 1,000. Own root, 3½-in. stock: Pink and White Killarney, Old Gold, Richmond, Elgar, \$96.70 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

English Roses. Guaranteed two-year-old, low budded on briar, clean, hardy, field-grown stock. Dwarfs and climbers. For varieties and prices see advertisement elsewhere in this issue. Bees, Ltd., 1075 Mill St., Liverpool, Eng.

ROSE PLANTS, Pink and White Killarney, 3-in. pots, own roots, \$6 per 100; \$50 per 1,000. My Maryland, 3-in., at \$8 per 100, \$75 per 1,000. All first-class stock. HENRY SMITH, Grand Rapids, Mich.

ROSES. 300 good, healthy Killarneys, grafted from 4-in. pots, 10c each, to close out. Cash or satisfactory reference. Can use a few Rose Pink Enchantress. W. W. COLES, Kokomo, Ind.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses, cannas and shrubbery. The Conard & Jones Co., West Grove, Pa.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seeds, Cyclamen, Giant English and German strains; also Giant Orchid—Flowered. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, contract growers of pepper; egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds. Spencer Winter-flowering Sweet Peas, Cyclamen. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington Co., Inc., 128 Chambers St., New York.

Seed, Spencer Winter-flowering Sweet Peas. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds. Sweet Pea. For varieties and prices see advertisement elsewhere in this issue. S. S. Pennock-Meehan Co., 1608-1620 Ludlow St., Philadelphia, Pa.

Seeds, contract growers of cucumber, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed, Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, tree, shrub and palm. For nursery and florists. Write for prices. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seed, Cyclamen, Stuart Low's Superb strain, 1916 crop. Price list on application. Stuart Low Co., Bush Hill Park, Enfield, England.

Seeds, specialties: Lettuce, onion, sweet pea, aster, cosmos, mignonette, verberna in variety. Waldo Rohnert, Gilroy, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsley, parsnips, turnips. R. & M. Godineau, Angers, France.

Seeds, large growers and shipper of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Flower and garden seeds. Sweet Pea and Nasturtium a specialty. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds. Vegetable, flower and forage. Simon Louis Freres & Co., Bruyeres-le-Chatel (Seine et Oise), France.

SEEDS.

Seed, Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

Seed, High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds. Flower, sweet pea and nasturtiums. The L. D. Waller Seed Co., Guadalupe, Calif.

Seeds. All the leading kinds for summer and fall planting. James Vick's Sons, Rochester, N. Y.

Seed, Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seeds, flower, vegetable and farm. Wholesale only. Kelway's, Langport, England.

Seeds. Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seeds. Flower and garden. Barnard Seed Store, 231-235 W. Madison St., Chicago.

Seed, For the wholesale trade only. Brastlan Seed Growers' Company, San Jose, Calif.

Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seeds which succeed. Get quotations from Landreth, Bristol, Pa.

SMILAX.

Smilax, strong new stock, 2½-in., \$2.50 per 100; 3-in., \$6 per 100; \$50 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SNAPDRAGONS.

Snapdragons, New Pink, 2½-in. pots, \$6 per 100; \$50 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SPHAGNUM MOSS.

Sphagnum moss, 12 bales for \$10. Poehlmann Bros. Co., Morton Grove, Ill.

STEVIA.

Stevia, 2½-in., \$20 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SWAINSONA.

SWAINSONA, 4-in. pots, fine plants, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

VEGETABLE PLANTS.

FIELD-GROWN PLANTS, all varieties: Cabbage, \$1.00 per 1,000; \$8.50 per 10,000. Celery, \$2.00 per 1,000. Parsley, \$2.50 per 1,000. F. M. PATTINGTON, Scipioville, N. Y.

VIOLETS.

Prince of Wales, field-grown. A-1 violet plants, \$5 per 100. Cash, please. H. W. ALLERSMA, cor. Benjamin Ave. and Dunham St., Grand Rapids, Mich.

VINCAS.

Vinca variegata, 2-in., \$2 per 100; \$20 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

STOCK WANTED.

STOCK PLANTS. E. G. Hill, Jean Viaud, Ivy-leaf geraniums, flowering Begonias, Lantanas. Field clumps of good varieties Cannas. What have you? Would exchange hardy plants. THE WAGNER PARK NURSERY CO., Sidney, O.

MISCELLANEOUS.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Plant stands. Made in three sizes to extend to 20, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Av., Detroit, Mich.

Choice landscape, decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., box 404, Dundee, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

MISCELLANEOUS.

Boiler flues, cleaned and trimmed. Stuttle's clamps and elbows to join flues. H. Munson, 1353 N. Clark St., Chicago.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Japanese tea garden and rockery for your summer house made in a short time. T. R. Otsuka, 300 S. Michigan Ave., Chicago.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Vaughan's perfection points. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Nursery stock of all descriptions. Catalogues and price lists free on application. The Storrs & Harrison Co., Painesville O.

Florists' Greening Pins. Box of 10 lbs., \$1.50; 5 boxes, \$7.00. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Catalogues. Large runs our specialty. Write for prices. Regan Printing House, 527 Plymouth Place, Chicago.

Baskets of every description. Write for catalogue. Raedlein Basket Co., 713 Milwaukee Ave., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 1302-1308 West Division street, Chicago.

Greenhouse glass. Write for prices. Okmulgee Window Glass Co., Okmulgee, Okla.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Boilers of high grade for greenhouses. Write for catalogues. Giblin & Co., Utica, N. Y.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Blooming plants or anything in soft wooded plants. Geo. A. Kuhl, Pekin, Ill.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastic for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Hail storm insurance. John G. Esler, Saddle River, N. J.

Glass, large stock and good prices. Sharp, Partridge & Co., Chicago.

Wired toothpicks, 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Greenhouse boilers. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Everything the best in florists' supplies. H. Bayersdorfer & Co., 1127 Arch St., Philadelphia.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

GREENHOUSE INSURANCE.

Cyclone and hail insurance; also insurance on growing crops while in the fields. The American Mutual Cyclone and Hail Insurance Co., Muncie, Ind.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 982 Blackhawk St., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Pecky Cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

INSECTICIDES.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nikoteen, for spring spraying. Aphis Punk, for fumigating. Nicotine Mfg. Co., St. Louis.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset flower, vegetable waterproof paper pots. Vaughan's Seed Store, Chicago and New York.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kohr, 2934-36 N. Leavitt St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

CARNATION STAPLES.

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Chicago Flower Growers' Ass'n., Chicago.
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Coyle, James, New York.
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Hart, George B., Rochester, N. Y.
Hentz & Nash, Inc., New York.
Hoerber Bros., Chicago.
Holton & Hunkel Co., Milwaukee, Wis.
House of Ferns, New York.
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Kennicott Bros. Co., Chicago.
Kervan Co., The, New York.
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Kruchten, John, Chicago.
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Kyle & Foerster, Chicago.
McCallum Co., Pittsburgh, Pa.
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Miller & Musser, Chicago.
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Murata & Co., S., Los Angeles, Calif.
N. Y. Cut Flower Exchange, New York.
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Percy Jones, Inc., Chicago.
Philadelphia Wholesale Florists' Exchange.
Pierson, A. N., Cromwell, Conn.
Pittsburgh Cut Flower Co., Pittsburgh, Pa.
Poehlmann Bros. Co., Chicago.
Pollworth Co., C. C., Milwaukee, Wis.
Polykranas, Geo. J., New York.
Pyfer & Co., A. T., Chicago.
Randall Co., A. L., Chicago.
Reid, Edward, Philadelphia, Pa.
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Reinberg, Peter, Chicago.
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Vaughan, A. L., & Co., Chicago.
Weiland & Risch, Chicago.
Weiss, Herman, New York.
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Jersey City, N. J.

When one can reach Jersey City in three minutes from New York, by the "Hudson Tubes," what is the use of staying away? Furthermore, the city has many interesting features that are worthy of mention. The great factories of Colgate & Co. are located there, and it may be stated that Colonel Austen Colgate, a liberal patron of horticulture, is now a candidate, subject to the republican primaries, for governor of New Jersey. There may be more than one Patrick O'Mara, but we only know the Patrick O'Mara, of Peter Henderson & Co., who is also well known to the florists and seedsmen throughout this country, and, though during business hours he is found in New York, his home is in Jersey City. It will therefore be noted, that regardless of the ammunition makers, careless railroad brakemen and barge captains, there are good reasons why Jersey City should remain on the map.

William Entenmann, 308 Ocean avenue, has a neat range and an attractive store. Being located at the entrance of New York Bay and Bay View cemeteries, he has a good retail trade, but also grows fine stock that is sold at wholesale. Noteworthy at present is an exceptionally fine stock of poinsettias coming on. He has 2,000 plants in six to twelve-inch pans and about 1,500 in four and five-inch pots. He also has a good stock of chrysanthemums, which will be followed by geraniums and other bedding plants.

Peter Henderson & Co. have an extensive range and gardens, or trial grounds, in Jersey City. On our last visit, September 16, a noteworthy feature was a field of cannas in great variety and in splendid bloom.

Robert Leach, 676 Garfield avenue, has a great stock of chrysanthemums coming on and will also have bedding plants for the spring trade. His range is located in the zone of the recent great explosion and was damaged to the extent of \$1,000.

Philip Dosch now has the range at 29 Wegman parkway, formerly conducted by John Leach, who has retired from business. Mr. Dosch is a hard worker and is now showing a fine stock of chrysanthemums.

Gotthardt & Son have a considerable glass area and a good store at 319 Ocean avenue. Being directly opposite the cemetery, they also have a large retail trade.

Many good features were noticed in the parks and private estates of the city. A. F. F.

SPRINGFIELD, ILL.—An addition to cost \$5,000 will be erected at the range of Hembricker & Cole.

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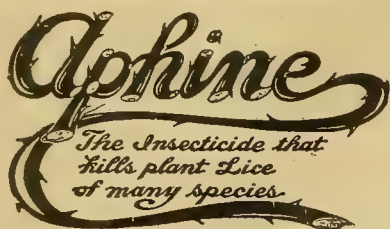
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Newark, N. J.

The weather of the past week was hot and dry, for September, and consequently unfavorable to retail trade, but with funeral work, an occasional wedding and sales of bunches and plants, all the florists have had something to do.

At Wolfinger's we found the force busy on a large order for funeral work, and no one was busier than the genial manager, William Strahan. At this store we met, unexpectedly, the cheerful and industrious Robert Shock, representing M. Rice Co., of Philadelphia. He reports that his firm will soon occupy their new building, on Spring Garden street.

On September 13, Philips Brothers arranged a fine wedding decoration at Flemington, N. J., a considerable distance from Newark, which shows that the name and fame of the Broad Street florists is scattered broadcast, so to speak. E. R. Schureman, buyer for this store, has been on a two weeks' vacation.

At the store of W. R. James, Bloomfield and Mt. Prospect avenues, we found many good features, one of which was a large collection of plants in all sizes, very tastefully arranged for display.

Ernest Radaney, another Central avenue florist, located near the cemetery, has a prosperous retail business and also grows a variety of stock. He has a very active assistant in Mrs. Radaney.

F. A. Kuehn, 633 Central avenue, keeps quite busy fitting up his greenhouses for a winter campaign. He has a nice stock of ferns, chrysanthemums and bedding plants coming on.

At Begerow's we noticed very clever features in plants and plant arrangement in their show windows. This firm has considerable glass area and grows a variety of stock.

George Penek is another Broad street retail florist who is active in the business and a frequent buyer in the New York wholesale district.

Henry A. Stroebell is to be commended for taste, both in the furnishing of his store and the arrangement of plants and flowers. A. F. F.



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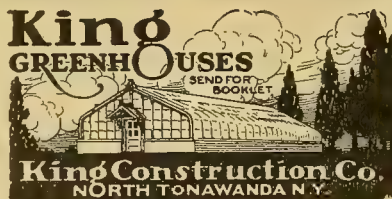
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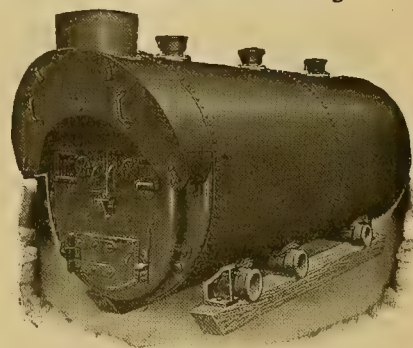
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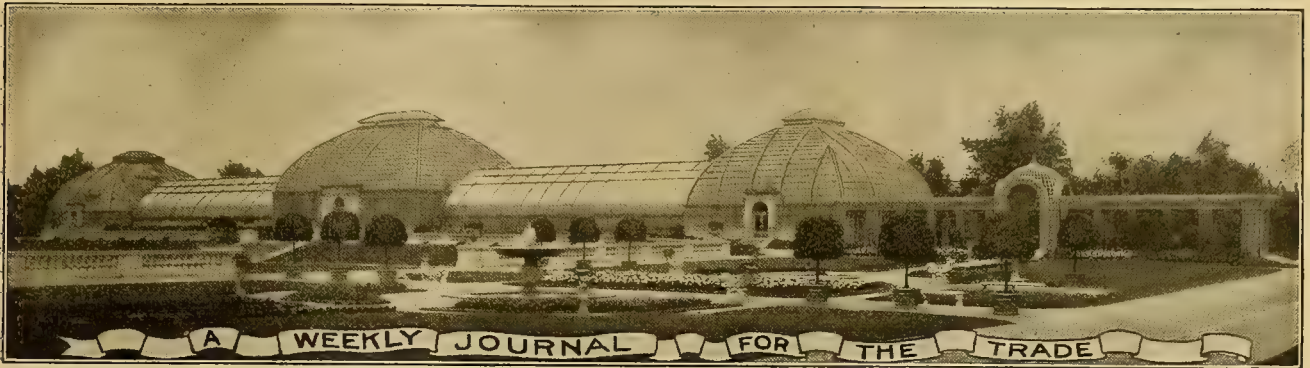
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Vol. XLVII.

CHICAGO AND NEW YORK, SEPTEMBER 30, 1916.

No. 1478

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AMERICAN DAHLIA SOCIETY.

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CHRYSANthemum SOCIETY OF AMERICA

Annual convention and exhibition at Philadelphia, Pa., November, 1916. WM. KLEINHEINZ, Ogontz, Pa., President; C. W. JOHNSON, 2134 W. 10th Street, Chicago, Secretary

Vegetable Growers' Association

Ninth Annual Convention of the Vegetable Growers' Association of America, Hotel La Salle, Chicago, September 26-29, 1916.

Programme Full of Interest.

With a programme replete with papers and discussions of exceptional interest, the ninth annual convention of the Vegetable Growers' Association of America was called to order by Vice-President Howard W. Selby, Philadelphia, Pa., in the absence of President M. L. Ruetenic, Cleveland, O., at the Hotel La Salle, Chicago, Tuesday morning, September 26, about 250 members being in attendance. The meeting will continue until Friday, September 29, closing with the annual banquet that evening. The visitors were welcomed on behalf of the city by Edward E. Gore, representing Mayor Thompson, on behalf of the Chicago convention committee by Chairman Fred Lautenschlager, and on behalf of the vegetable growers of Cook county by A. Geweke, president of the Cook County Truck Gardeners' and Farmers' Association, E. A. Dunbar, of Ashtabula, O., treasurer of the national association, responding. Following the annual address of the president, the reports of the secretary and the treasurer, and the convention announcements, a recess was taken until afternoon. The Chicago convention committee, in charge of the arrangements, has left nothing undone to insure the fullest measure of success for the convention, both as regards matters of trade interest and entertainment, the local growers and allied trades co-operating in the welcome with that spirit of open-handed hospitality that has made Chicago famous as a convention city.

Vice-President Selby in his address remarked that the increased prices of supplies and labor are proving a serious problem to the growers and that they are not making adequate profits on their crops, as prices have not advanced with the cost of materials. The wholesale markets, he stated, are working more closely with the growers than before and the prevailing get-together spirit is beneficial to both.

A. Geweke in his reference to the importance of weights and measures stated that being a national issue the association should take some action with regard to it at this meeting.

Fred Lautenschlager spoke enthusiastically of the success of the convention and told the visitors that everything possible would be done to make their stay as pleasant and interesting as possible.

E. A. Dunbar, first president of the association, urged those present to attend as many conventions as possible as there is almost always something to be learned with regard to new vegetables and methods.

Secretary Severance recommended that a change be made in the constitution which would broaden the scope of the membership and that a committee be appointed to submit plans for this work at the next meeting.

An invitation to hold the next annual convention at Springfield, Mass., was read and referred to the executive committee.

At the afternoon session L. R. Jones, professor of Plant Pathology, Wisconsin Experiment Station, Madison, gave an illustrated lecture on "Certain Diseases of Truck Crops and Their Control." Henry G. Bell, Chicago, gave an illustrated address on "Soil Fertility in Relation to Market Gardening."

The address "Refrigeration in Relation to Marketing Vegetables," by Arnold H. Goelz, Chicago, was also very interesting and with the other two took up the entire afternoon.

The programme for the remaining days includes an inspection tour of north side gardens and greenhouses, among them the large cut flower range of the Poehlmann Bros. Co., at Morton Grove, with dinner at the Wayside Inn, followed by a demonstration of the Beeman tractor on a nearby vacant lot. For later sessions, papers and addresses are promised as follows: "Better Seeds," C. E. Durst, Urbana, leader; Report of Committee

on Nomenclature and Varieties of Vegetables, C. E. Durst, secretary; "The Seedsmen's Attitude Toward Nomenclature," Leonard H. Vaughan, Chicago; Report of Committee on Seed Inspection and Certification, D. N. Shoemaker, Washington, D. C.; "The Relation of the Seedsmen's Disclaimer to the Purchase of Vegetable Seeds," A. B. Stone, Madison, Wis.; "Seed Selection and Plant Improvement for the Vegetable Grower," A. T. Erwin, leader; "Greenhouse Problems," R. L. Watts, State College, Pa., leader; "Marketing Vegetables," H. W. Selby, Philadelphia, Pa., leader; "Extension Work for Vegetable Growers," C. W. Waid, East Lansing, Mich., leader.

The annual banquet of the association will be held at the Hotel LaSalle, Friday, September 29, at six p. m.

Local Committee.

The local convention committees are as follows, with Fred Lautenschlager, general chairman, E. F. Kurowski, treasurer, and James B. Foley, secretary:

Finance Committee — Geo. Sykes, chairman; Leonard Vaughan, W. L. Kroeschell, D. J. Coyne, V. B. Hornbeck, S. F. Leonard, A. A. LaVaque, Philip J. Foley.

Publicity Committee—Melvin Ryder, chairman; H. B. Howard, Sam W. Severance, E. A. Ollinger, N. C. Helms, James Morton.

Program Committee—Prof. H. G. Bell, chairman; J. C. Vaughan, W. L. Kroeschell, August Geweke.

Hotel and Meeting Room—W. L. Kroeschell, chairman; Geo. Sykes, Leonard Vaughan, Carl Ickes.

Entertainment Committee — D. J. Coyne, chairman; Philip J. Foley, Leonard Vaughan, E. F. Kurowski, R. F. Dilger, August Geweke, Arnold Ringier, Geo. Buscher, Jr., Geo. Steil.

Banquet Committee — Leonard Vaughan, chairman; W. L. Kroeschell, Geo. Sykes, Philip J. Foley, D. J. Coyne, P. L. McKee.

Trade Exhibit Committee—Alfred Dietsch, chairman; Rudolph Kurowski, Geo. Sykes, Jr., J. E. Pollworth, Leonard Vaughan, John Leonard, W. E. Wehner, Arnold Ringier.

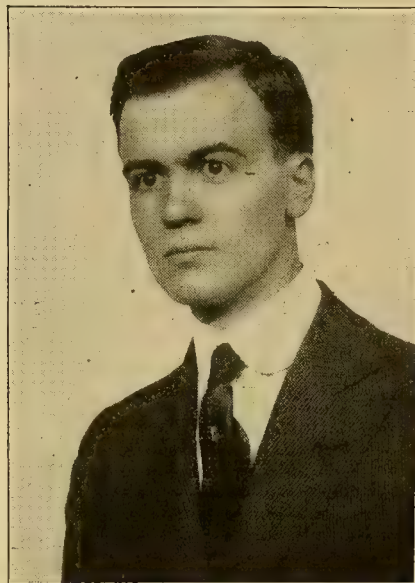
Special Exhibits Committee—Edward J. Tobin, chairman; E. Veld.

Reception Committee—J. E. Pollworth, chairman; George Guirsch, J. P. Smith, John May, Peter J. Schummer, Henry Lulling, John Evert, Nick Schmit, Charles Muno, Fred Weber, Peter Mertens, John Betz, Martin Wiltgen, John Muno, J. P. Leider, Mike Leider, Nick Platz, Peter Nepper, Peter Endere, A. Strenski, F. Peschae, John P. Molitor, Chas. Henges, Mathias Welter, Anton Fochs, George Buscher, Tys. F. Gouwerr, Jr., R. J. Van Drunen, Henry Sampson, Arthur Dietsch, C. P. Guion, W. A. Walker, N. G. Kill, H. M. Berner, B. J. J. Berner, E. Brons, Julius Braun, J. J. Hess, J. P. Wagner, Wm. Bruce, S. J. Redfern, K. Schreiber, D. J. Coyne, Jr., H. C. Geimer, L. A. Budjong, Louis Becker, Jas. Thurman, F. L. Banck, H. G. Miller, L. Becker, C. E. Webb, O. A. Rochlitz, Arnold H. Goelz, Robert Kroeschell, Carl Kroeschell, Paul Kroeschell, Henry Haeger, R. R. Davis, Louis Corneille, Oscar H. Breyfogle, Lorenz Becker, J. P. Kellen, P. Altman, Martin Wiltgen, Mike Kinsch, Ben Borst, Mike Wiltgen, John Reding, Henry Schneburger, Louis Clesen.

Ladies' Reception Committee—Mrs. Louis Corneille, Mrs. Anton Fochs, Mrs. Alfred Dietsch, Mrs. Robert Dilger, Mrs. Henry Sampson, Mrs. Oscar Breyfogle.

The Trade Exhibits.

The trade exhibits and the vegetable displays completely filled the large roof garden of the hotel and were at all times a center of interest and the number of visitors who attended kept the courteous representatives in charge of the various booths busy imparting information. The exhibits were not only numerous but included a wide range of products—from a refrigerating machine in operation to displays of vegetables grown by the school children of Cook county, all of which were excellent. The trade displays included the following:



H. W. Selby, Philadelphia, Pa.

Vice-President Vegetable Growers' Association.

S. L. Allen & Co., Philadelphia, Pa.—Planet, Jr., seeders, wheel hoes and cultivators; C. J. Allen and A. S. Mattson in charge.

Advance Co., Richmond, Ind.—Ventilating machine and greenhouse fittings; R. E. Jones and J. E. Jones in charge.

American Greenhouse Mfg. Co.—Large photographs of new ranges recently built; P. L. McKee and H. M. Berner in charge.

Armour Fertilizer Works, Chicago.—Fertilizers; C. F. Chandler and C. E. Webb in charge.

American Mutual Cyclone and Hail Ins. Co., Muncie, Ind.—Literature; W. N. Hoot and Jas. M. Dunn in charge.

Bateman Mfg. Co., Grenloch, N. J.—Sprayers.

Beeman Garden Tractor Co., Minneapolis, Minn.—Walking engine; E. R. Beeman in charge.

The Chicago Packer.—Literature; J. A. Williams in charge.

Crane Co., Chicago.—Steam trap and pipe fittings; F. E. Downing and J. F. Prell in charge.

College of Agriculture, University of Illinois, Urbana.—Display of vegetables, photographs and plans; C. E. Durst and H. D. Brown in charge.

Corona Chemical Co., Milwaukee, Wis.—Insecticides; J. J. Wehner in charge.

Pennsylvania State College, Division of Vegetable Gardening.—Literature and photographs of instruction work in gardening; C. E. Myers in charge.

A. Dietsch Co., Chicago.—Greenhouse material and hot bed sash; section of full size short span house; Fred Dietsch in charge.

Farmers' & Florists' Fertilizer Co., Chicago.—Aetna brand tankage; J. J. Marsh in charge.

Foley Greenhouse Manufacturing Co., Chicago.—Cross section of iron frame flat rafter house, ball-bearing ventilating machine, cross section of pipe frame house; P. J. Foley, Sr., J. B. Foley and P. J. Foley, Jr., in charge.

Garland Mfg. Co., Des Plaines, Ill.—Wood frame pipe supporting house, showing cast iron and wooden gutters (design for wide house.) Floral decoration by the Geo. Wittbold Co., Chicago; Lloyd E. Shirley in charge.

Hammond Paint & Slug Shot Works, Beacon, N. Y.—Paints and slug shot; Walter Mott in charge.

Hansell Grate Co., Chicago.—Fire box grates.—O. C. Taffner in charge.

Ickes-Braun Mill Co., Chicago.—Greenhouse material; Carl Ickes in charge.

Percy Jones, Inc., Chicago.—Consultation booth; J. E. Pollworth in charge.

Kentucky Tobacco Products Co., Louisville, Ky.—"Black Leaf 40" and "Nico-Fume"; C. F. Leonard in charge.

Kroeschell Bros. Co., Chicago.—Ice machine in operation and model of fire and water tube boiler; W. L. Kroeschell, Chas. Kroeschell and Fred Lautenschlager in charge.

Leonard Seed Co., Chicago.—Display of garden seeds and narrow grain evergreen corn.

Lord & Burnham Co., Chicago and New York.—Sections of iron frame and pipe frame houses with detail plans of both, ventilating apparatus, hot bed sash and boiler; George Sykes, Fred Sykes and H. G. Miller in charge.

H. Munson, Chicago.—Boiler flues, Stuttle's pipe clamps, greenhouse pipe fittings, etc; H. Munson in charge.

J. C. Moninger Co., Chicago.—Model of Moninger all steel frame house and display of greenhouse fittings; E. F. Kurowski, R. E. Kurowski and Chester Guion in charge.

Ohio State University and experiment station, Columbus.—Display of vegetables and photographs showing garden practice; L. M. Montgomery in charge.

Purdue University, Lafayette, Ind.—Assortment of 27 varieties of vegetables grown in student garden; also photographs of vegetable houses; C. B. Sayre in charge.

A. L. Randall Co., Chicago.—Electric store fountain and supplies; J. E. Quallich in charge.

Soil Improvement Committee of the National Fertilizer Association. Chicago.—Literature.

Southern Cypress Mfrs. Association, New Orleans, La.—Model of all-cypress bungalow and plans of other buildings; Wm. F. Robitaille in charge.

Superior Machine & Boiler Works, Chicago.—Model of Superior standard hot water boiler; W. H. Pontius in charge.

M. B. Skinner & Co., Chicago.—Emergency Pipe Clamps; K. G. Merrill in charge.

Skinner System of Irrigation, Troy, O.—Irrigating apparatus; M. T. Rosister and R. R. White in charge.

Vaughan's Seed Store, Chicago.—Display of bulbs, seeds and plants and special strain vegetables; also Iron Age garden tools; E. A. Hartland and P. Elliott in charge.



Fred Lautenschlager, of Kroeschell Bros. Co.



E. F. Kurowski, of John C. Moninger Co.



James B. Foley, of Foley Greenhouse Mfg. Co.



Philip McKee, of American Greenhouse Mfg. Co.



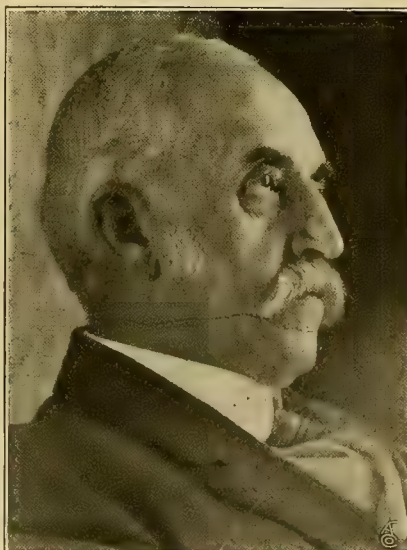
Alfred Dietsch, of A. Dietsch Company.



W. L. Kroeschell, of Kroeschell Bros. Co.



Carl Ickes, of Ickes-Braun Mill Co.



George Sykes, of Lord & Burnham Co.



J. E. Pollworth, of Percy Jones, Inc.

PROMINENT MEMBERS OF THE LOCAL COMMITTEES.

Truck Crop Diseases and Their Control.

Illustrated address by L. R. Jones, professor of plant pathology, Wisconsin State experiment station, delivered at the ninth annual convention of the Vegetable Growers' Association of America, Chicago, September 26-29, 1916.

The disease question is each year increasing in importance for the truck grower. The longer a crop is grown in the same region, the greater its accumulation of disease. It has already, in certain truck crops, become a ques-

and rotation are the big factors with disease resisting strains, where obtainable. The cabbage is subject to a number of serious diseases and these have proved the limiting factor in continued success with this crop. Certain of these, notably black rot and black leg, are due to germs introduced with the seed. Fortunately, it is easy to avoid much of this danger by seed disinfection. For this purpose soak the seed

The most serious disease, however, known as yellows, can not be controlled by seed treatment. This yellows disease is caused by a fungus parasite (*Fusarium*), which lives in the soil and attacks the roots of the plants. Once introduced it will persist for years in the soil, so that even long crop rotations do not fully overcome the difficulty. Soil so infested is "cabbage sick" and cabbage culture has proved no longer profitable upon it. This condition exists most strikingly in certain sections of southeastern Wisconsin where cabbage growing was formerly most successful.

Trials with various remedial measures by the plant pathologists of the Wisconsin Agricultural College have continued over some six years in the Racine-Kenosha district. No scheme of fertilization, soil sterilization or cropping has proved practicable. Fortunately, however, by continued selection from the Ferry Hollander or Danish Bullhead a strain of cabbage has been perfected which is highly resistant to the disease. This has been grown successfully on even the "sickest" old cabbage fields with almost perfect immunity from yellows, whereas the commercial strains alongside were practical failures. Thus in 1914, when the disease was very bad, the following results were secured on the trial grounds near Kenosha:

Field I.—Commercial: 56% lived; 31.5% headed; 1.75 tons per A. Resistant: 100% lived; 100% headed; 18.3 tons per A.

Field II.—Commercial: 36% lived; 17% headed; 2.25 tons per A. Resistant: 100% lived; 95.5% headed; 19.2 tons per A.

This disease resistant strain is being called the Wisconsin Hollander. About 100 pounds of the seed was distributed last spring to over 100 cabbage growers, and planted largely on "sick" soil. The yellows has been usually bad this summer, but this seed has given a good crop when commercial strains alongside were partial or complete failures. All that seems necessary to insure commercial success now is to continue to get this seed from plants grown on "sick" soil, otherwise it may



TRUCK CROP DISEASES AND THEIR CONTROL.

Commercial Cabbage in Center; Balance of Field Wisconsin Hollander.

tion of conquering the disease or discontinuing that crop. The recommendation that commonly suggests itself when one wishes to control a disease is to spray with something. As a matter of fact, relatively few truck diseases yield to spraying. For apple disease—scab, bitter rot, black rot—proper spraying is a specific remedy. This holds indeed for most orchard crops and spraying is the panacea for certain potato blights and rot. But with leading truck crops, bean, celery, cucumber, pea, etc., spraying is of minor importance, or altogether useless. The points to emphasize in a general way are clean seed and sanitation, including crop rotation. The peculiar possibilities of selecting disease resistant varieties or strains will be stressed later.

The onion is a case in point. Its worst diseases are borne on the seed or sets and persist in the soil. Yet we wish to grow onions without rotation. For the smut, formalin should be used as a soil disinfectant by attaching a drip tank to the seeder, applying formalin in the drill. This simple measure may double the yield. Use one pint formalin to 16 gallons water at the rate of one gallon to 185 feet of row, 200 gallons per acre. In addition, it is to be noted that with this and also with smudge or anthracnose and the rot the germs are distributed on the bulbs from diseased fields. The practice of plowing under old bulbs as fertilizer on the onion soil is decidedly unsanitary and sure to bring trouble sooner or later. Put them on potatoes or other fields.

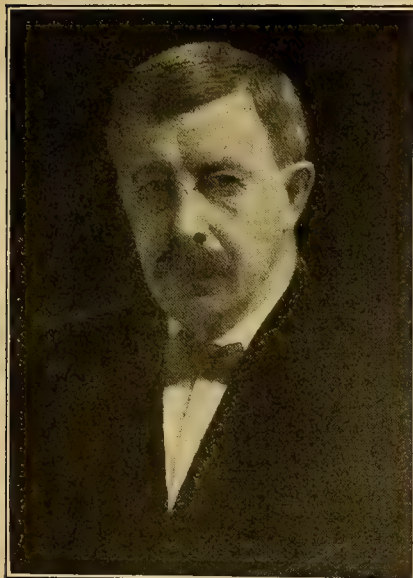
With the cabbage, there is a greater variety of diseases, but, here again, clean seed—disinfected—clean seed bed

for 20 minutes in a solution containing one part of standard formaldehyde (40 per cent solution, also known as formalin) in 250 parts of water one ounce formaldehyde to two gallons water. Then rinse well with clear water and promptly dry the seed. After such seed disinfection, it is of the utmost importance to choose clean soil for the location of the seed bed. This means that the seed bed should be made in a new place every year.



TRUCK CROP DISEASES AND THEIR CONTROL.

Commercial Hollander Cabbage (Non-Resistant), on Left; Wisconsin Hollander (Resistant), in Balance of Field.



E. A. Dunbar.
Treasurer Vegetable Growers' Association.



M. L. Reutenic, Cleveland, O.
President Vegetable Growers' Association.



Robt. F. Dilger.
Well Known Chicago Vegetable Grower.

deteriorate. The growers of the Racine-Kenosha district are attending earnestly to this and have just harvested over 300 pounds of seed from resistant heads selected last year. Several thousand heads have been selected and will be stored for seed growing next season.

This practical success with the Wisconsin Hollander has led the way to similar work with the kraut and some other domestic types. It has been easy to succeed in this way with the Volga and Houser, and the results of this summer indicate that the same will be true with the more valuable kraut strains, All Seasons and Brunswick. Since the yellows is widespread in the kraut growing regions this will prove of more general interest even than the Hollander.

Seed Selection and Improvement.

Paper by Professor A. T. Erwin, Iowa agricultural experiment station, Ames, delivered at the ninth annual convention of the Vegetable Growers' Association of America, Chicago, September 28-29, 1916.

Our subject involves two propositions. The first is that there is room for seed improvement and second, that, selection is an important agency to this end.

In the brief time allotted me I shall endeavor to discuss the latter subject in its more practical aspects, particularly from the standpoint of the individual truck grower. The present is a day of specialization. To learn to do some one thing, and do it well, is the trend of the times. In harmony with this trend the seedsman has made for himself a place and as a distributing agency he occupies a necessary and important position in the organization of horticultural industries. However, there are certain phases of seed growing which the individual grower should depend upon himself rather than some one else to perform.

May we state briefly some of the reasons why. First, it makes his work more certain. He knows for sure that he is planting the particular variety he wants. The "far off oxen is likely to have long horns." We recently visited a noted watermelon region. They were producing a good type of Tom Watson



Leonard Vaughan, of Vaughan's Seed Store.
Chairman Convention Banquet Committee,
Vegetable Growers' Association of America.

and yet a considerable proportion of the growers were buying new seed each year. Some of them were lured by beautiful photos and superlative adjectives, and others thought they could buy seed cheaper than they could grow it themselves. A grower will get out of his seed just about what he puts into it. If it costs him time and money to grow good seed, it surely will his seedsman, too, and to expect otherwise of the dealer is an unreasonable assumption on the face of it. In consequence of looking to some one else to do a thing they should have done themselves, a number of growers were billing out mixed cars and soft rined melons. Even where there was only a sprinkling of the latter, the dealer still found his chance to scale down heavily on quality.

Gardening is in many ways strictly a local proposition. The development of local strains of a standard variety offers an excellent and profitable field of investment. In the Pleasant Val-

ley region of southeastern Iowa, a large acreage is devoted to onions. Growers report this season that there was a difference of 10 days between the time of maturing of the home-grown seed and seed of the same variety secured from the east. Often a few days' difference in the time of getting onto the market means the difference between breaking even and a nice margin of profit. There is also an excellent field in the development of local disease resistant strains. In sections of the corn belt the cabbage yellows disease was unusually severe the past summer. In fields where there was as high as 90 per cent loss, an occasional plant could be found which was perfectly healthy and happy under these conditions. There is conclusive evidence that seed grown from these resistant mother plants will produce an equally resistant type under the same conditions. This is true, however, only when the crop is grown under similar conditions. Strains resistant to cabbage yellows developed under Dr. Jones in the Racine-Wisconsin district exemplify this fact. The Racine strains, when grown in Iowa, show a decided resistance over the common type, yet do not hold up as they have in Wisconsin. Under the radically different climatic conditions of the corn belt this is to be expected, hence the problem is in a measure a local one. The development of rust resistant strains of asparagus may be cited as another example of the possibilities along this line.

This year on our potato experimental plots, we had some 10 acres in which the seed had been quartered and the four quarters from a given tuber planted in succession. The summer was terrifically hot and certain diseases were unusually abundant. Here was a curly dwarf hill. Tracing back there were the three others all from the same mother tuber, a degenerate family. "As you sow so shall you reap" is not a figure of speech in the garden business.

Seed growing is also an important means of maintaining market standards. Monday morning we have a lot of cracks and over-ripe cantaloupes.

They are fine stock, but have stood one day too long. Shall we take a chance on getting by with the lot or junk them? Neither, clean them up for seed. In this way you will realize a fair return and most important of all, you will not impair the reputation of your pack. The latter is one of your most valuable assets and should be most zealously guarded.

Tomatoes are becoming plentiful and your market is being overstocked. Turn a part of the supply into seed and let the market clean up. By this method coupled with co-operation of the larger local growers, ruinous prices can be avoided. This plan has of course its limitations. Seed of any given class of plants should be grown only in the regions where they reach a high degree of perfection. We have used the term local strains rather than new varieties, advisedly. We already have too many varieties and the markets must be standardized. We need better strains of our best varieties. To make the best better should be our motto.

In a word, we believe that every gardener should grow his own seed of those kinds which reach a high degree of development in that region. By doing so he can be more certain as to what he is planting. He can develop local strains of superior merit as to earliness, hardiness, disease resistance or other characters of value as his conditions may demand. In times of a surplus he can protect his local market and also the reputation of his pack by working his product into seed to be disposed of to the seed dealer rather than to the public as fresh vegetables. By so doing he is also converting a perishable product into a more stable form.

No item connected with gardening is more important than that of good seed of the right variety. So far as practicable the grower should look to himself rather than some one else for this supply. Do it yourself and then you will know it is done right, or at least, if it is not, you will know who to blame.

Acacias.

ED. AMERICAN FLORIST:

Can you give any information about acacias? When does the sap begin to run? Which do you consider the finest of the acacias? Which are the most difficult to propagate and what is the best temperature?

SUBSCRIBER.

In your inquiry I take it that you mean the regular greenhouse acacia, of which the following are probably the best and most extensively grown. *Acacia armata* and *A. Drummondii* for common pot culture and *A. pubescens* for trelliswork. They may be propagated either from seed sown under glass, as soon as ripe, or from cuttings made from half ripened wood in June under glass, kept shaded and cool without bottom heat. They are rather slow, but sure to root.

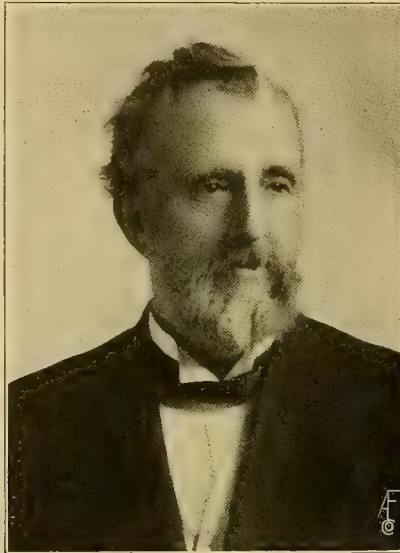
Your question, "when does the sap begin to run?", suggests the possibility that you mean the *Rose acacia* or *Robinia hispida*, the similar but more treelike growing *R. viscosa*. Both of these can be propagated from root cuttings out of doors, although seed can readily be had of the *R. viscosa*. The further handling of the stock is the same as with any other shrub or tree.

M.

American Dahlia Society

New York Show, September 26-28.

The annual exhibition of the American Dahlia Society opened under the most favorable conditions, splendid weather, a great variety of fine stock and a fine attendance. The competition was keen enough to make the show interesting. The gold medal was won by W. Atlee Burpee & Co., Philadelphia, Pa., that firm's display, arranged with grasses by George W. Kerr, being very fine. W. D. Hathaway, New Bedford, Mass., was awarded first prize for 100 flowers of cactus varieties, also first for the best



Richard Vincent, Jr.
President American Dahlia Society.

collection of 50 kinds. Other first prize winners in the commercial classes were John Lewis Childs, Flowerfield, L. I., N. Y.; W. A. Manda, South Orange, N. J.; Harold Cottam & Sons, Wappingers Falls, N. Y.; John M. Hunter & Sons, Englewood, N. J., and C. Louis Alling, West Haven, Conn. There were meritorious exhibits by Richard Vincent, Jr., & Sons, White Marsh, Md., and George L. Stillman, Westerly, R. I. In the gardeners' classes, Mrs. J. Mathieson, Huntington, N. Y., James Kerby, gardener, received the first prize for 50 varieties. P. W. Popp, Mamaroneck, N. Y., was awarded a number of first and special prizes. Wm. P. Carpenter, Ft. Thomas, Ky., secured important first prize in the amateur class, and F. R. Austin, Tuckerton, N. J., was awarded six first and three second prizes in the same section.

At the business meeting all the officers were re-elected. Richard Vincent, Jr., White Marsh, Md., president; J. Harrison Dick, Brooklyn, N. Y., secretary; F. R. Austin, Tuckerton, N. J., treasurer; Geo. L. Stillman, Westerly, R. I.; Leonard Barron, Garden City, N. Y.; J. B. Norton, College Park, Md., and W. W. Wilmore, Denver, Colo., vice-presidents. The affairs of the society were shown to be in good condition.

The selection of the next meeting place was left to the executive committee. At six p. m. an informal but very enjoyable dinner was served at the Hotel Navarre to about 40 including officers, judges, members, their ladies and the press, President Vincent closing this function with a short but humorous address.

The judges were Peter Duff, Prof. Norton, John McMichaels, Alexander McKenzie and James Fraser.

President Vincent's Address.

Ladies and Gentlemen, members of the American Dahlia Society, I welcome you to this our second annual meeting.

We are not yet a year and a half old, but have the strength and vigor equal to some of the older floral organizations. Now, with two successful exhibitions to our credit, we feel well recompensed for the exertions we have made, and if success is to be continued, of which I have no doubt, it is in your hands. We have every assurance and belief that you will do your part to back up the officers.

As your retiring president I heartily express my appreciation of your kindness toward me and the good work done by all of you during my incumbency of the office. I request you kindly to continue in the good work and do your very best for those you may elect, as I assure you I will continue to do my little. Much of our success is due to our worthy secretary, and William A. Eagleson, secretary of the American Institute, and the other officers.

The premiums offered at this meeting, we think, are very appropriate and numerous. The Institute has done grandly by us; also the trade, and other kindred organizations and individual members, for which we are all truly thankful.

NOMENCLATURE.

I would recommend the continuance of our present nomenclature committee, who have already done good work. They have a big task before them and it will possibly take several years before they can say it is complete. There is much to be accomplished, both in classification and in the elimination of duplicate varieties. Many are misnamed or similar varieties raised by growers who did not know that a similar variety already existed. There was no society in this country at the time of our inception to look after these matters or adjudicate upon a new variety. There has been also a few, and we are glad to say a very few, unscrupulous dealers who tried to mislead the public by giving new names to old or worthless varieties, thus misleading buyers and doing the dahlia cause harm. But with the education we are giving our members we will soon educate the buyers. With the description of new varieties given in our bulletins from time to time, they will know at once, when the plant blooms, if they have the true variety or not.

MEMBERSHIP.

It is my opinion that it would be advisable to amend the by-laws in relation to new membership and dues. There is a great deal of objection to the initiation fee. I think that \$2 for active and \$1 straight for associate members, or \$10 for club membership (affiliation) would bring us in more money than we are likely to get by sticking out for the membership fee.

AFFILIATION WITH THE S. A. F.

A number of our members worked hard to get a sufficient number of S. A. F. members so that we would have the 100 required for representation with that body, but failed. We need this to put us on a par with other societies. All good work needs some little sacrifice from the individual. Will you, as a member of this society, help us in this? It has to be done previous to January, 1917, to entitle us to representation for that year.

DAHLIA TRIAL GROUNDS.

We have two trial grounds in different sections of the country. One is at the New York experiment station at Geneva, under Prof. F. H. Hall; the other at the St. Paul (Minn.) experimental farm, under Prof. Le Roy Cady. Prof. J. B. Norton of the Maryland agricultural station, and others are experimenting with numerous varieties and all types. We think that we will be able to give the dahlia world, in our quarterly bulletins, some interesting and valuable information during the coming year, and anyone having anything interesting to communicate is invited to send it to the publisher of the bulletin.

Secretary Dick's Report.

The support that the American Dahlia Society has received since its inception in New York, May 10, 1915, has been eminently encouraging. To the end of August, 1916, the total paid-up membership was 244, being 169 active members, and 75 associate members.

The first annual show was held September 24-25 in the Museum of Natural History, New York. With all flowers that are cultivated entirely out of doors there is always a large element of risk, owing to periods of bad or unfavorable weather. It happened that the period of three weeks immediately preceding the exhibition was the hottest and driest of the whole summer and autumn, terminating in violent thunderstorms with rain, which destroyed the flowers of several of the large growers. Despite these drawbacks the show was a good one and was attended by 35,000 visitors.

Early in the present year a change was made necessary in the secretaryship of the society, owing to the increasing pressure of Joseph J. Lane's business duties. Mr. Lane did yeoman service in his part in getting the society started and placing it on a good running basis, and the committee publicly acknowledged its indebtedness to him. Since March the duties of the secretarial office have been undertaken by J. Harrison Dick.

The society has made progress in the work which it was established to promote and conduct. A quarterly bulletin of information has been published. By and through this the members are kept informed of what is being done, not only in the society, but in the dahlia world generally, and the notes on the cultural treatment of dahlias have been much appreciated. Four issues of the bulletin have appeared. Copies have been distributed both by the society and by members to many dahlia lovers who have not yet joined our organization. The greater our membership the bigger and better will the bulletins be. They cost considerable to publish and only in proportion to the increase in membership can the

volume of the bulletins be augmented. Trials of dahlias have been undertaken and reports will be published. The thanks of the executive committee is tendered to the directorates of the two experiment stations and to Professors F. H. Hall and Le Roy Cady.

An affiliation scheme whereby local dahlia clubs or associations can receive certain substantial privileges and assistance on payment of the nominal sum of \$10 annually, was put in operation early in the summer. The Short Hills (N. J.) Garden Club, and the Oyster Bay (N. Y.) Horticultural Society, have become affiliated, and negotiations with this object in view are in progress with others.



Lloyd E. Shirley, of Garland Mfg. Co.

A scheme of points for judging dahlias has been prepared and will be placed before the members for their suggestions. It is hoped that an authoritative, practicable scheme will be endorsed and adopted.

The carefully prepared scheme for the classification of all the types of dahlias was published in March, and has been adopted by many of the leading commercial growers in their catalogues, as well as by others. It is the wish of the committee that this classification arrangement be regarded as official and be adhered to.

The definition of "Amateur" as applied to our exhibitor members has also been published and its adoption at the annual meeting is recommended.

An artistic certificate of merit has been prepared. This will be awarded to dahlia novelties at the society's exhibition or at the exhibitions of its affiliated societies, or at such other exhibitions or meetings as your executive committee endorses. An original medal of pleasing design has been made in silver and bronze respectively. It is hoped that later this medal will

also be struck in gold.

In some parts of the country the past growing season has been very trying, even resulting in heavy losses owing to the rotting of the roots by the prolonged rains. In other sections, as in Michigan and the middle west, a drought seriously crippled the growth of the plants at midsummer. Despite these penalizing difficulties the interest in dahlias at this time is surprisingly great. New dahlia clubs are springing up, shows are being arranged, numberless seedling dahlias are being bred and raised, the use of dahlias for gardens and as cut flowers for December is increasing, and there is evidence on all sides of the great need of a strong, guiding, leading, authoritative society devoted to the interest of this noble flower, and this is furnished in the American Dahlia Society, national in its aims, its character and its membership.

Treasurer Austin's Report.

Receipts.		
Total receipts through Jos. J. Lane, secretary, from May, 1915, to March, 1916.		\$839.50
Received from J. H. Dick, secretary, March to Sept. 20, 1916		177.10
		<u>\$1,016.60</u>
Disbursements.		
Printing, bulletins, certificates of merit, stationery, etc.	\$301.87	
Dies and medals	55.50	
Bottles, expressage, help at show, dinner, etc., 1915...	57.50	
To Messrs. Young, Shaw and Lewis at show, 1915	45.00	
Jos. J. Lane, salary and expenses	76.18	
Paid for prizes, 1915 show..	197.50	
J. Harrison Dick, stenographic help and postage.	32.56	
F. R. Austin, treasurer, postage and telegram.....	3.50	
	<u>\$769.61</u>	
Balance in treasurer's hands, September 20, 1916.....	246.99	
		<u>\$1,016.60</u>
		A. F. F.

State Fairs.

The following is a list of coming state fairs with the names and addresses of the superintendents of the horticultural and floricultural departments so far as obtainable:

September 23-30, Sedalia.—Missouri State Fair. J. C. Evans, Olden, Mo., superintendent of horticulture and floriculture.

September 25-29, Trenton.—Trenton Inter-State Fair. Arthur J. Farley, New Brunswick, N. J., superintendent of horticulture and floriculture.

September 25-30, Helena.—Montana State Fair. M. L. Dean, Missoula, Mont., superintendent of horticulture and floriculture.

September 25-30, Salem.—Oregon State Fair. J. E. Reynolds, Salem, Ore., superintendent of horticulture; Edyth Tozier Weathered, Salem, Ore., superintendent of floriculture.

September 26-30, Douglas.—Wyoming State Fair. Mrs. H. G. Peters, Douglas, superintendent of floriculture.

October 2-7, Salt Lake City.—Utah State Fair. Wm. O. Knudson, Salt Lake City, superintendent of horticulture and floriculture.

October 5-14, Birmingham.—Alabama State Fair. Mrs. J. B. Reid, 212 Chamber of Commerce Bldg., superintendent of floriculture.

October 9-14, Richmond.—Virginia State Fair. W. C. Saunders, Richmond, Va., general manager.

October 10-13, Hagerstown.—Maryland State Fair.

October 14-19, Dallas.—Texas State Fair. T. I. Wood, superintendent of horticulture.

October 16-21, Raleigh.—State Fair of North Carolina. Professor W. N. Hutt, Raleigh, N. C., superintendent of horticulture and floriculture.

November 1-6, Shreveport.—State Fair of Louisiana. L. N. Bruegerhoff, Shreveport, La., secretary.

November 2-11, Macon.—Georgia State Fair. Carling Schatzman, superintendent of horticulture and floriculture, care of Idle Hour Nurseries, Macon, Ga.

November 13-18, Phoenix.—Arizona State Fair.

November 14-18, Baltimore, Md.—"Maryland Week." Fifth Regiment Armory. Thomas B. Symons, secretary, College Park, Md.

December 4-13, Jackson.—Mississippi State Fair.

THE ROSE.

Fall Preparations.

Early September finds the growers in the eastern coast states with a night temperature of 48 degrees outside. Pretty cool, eh? Just cool enough to make it necessary for the rose grower to have a little steam heat circulating along about 3 a. m., with a sniff of sulphur in the houses which are allowed about six inches of air through the night. Look out for these cool mornings; do not let the houses go below 62 degrees. Call in the night fireman and give him careful instructions. The danger lies at this time in allowing too great a difference between the day and night temperature; 95 to 100 degrees at noon and 50 degrees at night is not at all beneficial to the plants, and unless one wants a serious setback all around, it is advisable to start the boiler. The careless grower might say: "Oh, it will soon be hot enough again," and "This cool spell is only 'a flash in the pan,'" but remember to take advantage of these cool spells and use a little sulphur on the pipes, bank the fires early, or, if the weather permits, one can allow the fires to go out; but by all means keep the condensation off the foliage in the early morning and even the temperature up somewhat when the temperature outside hovers around 60 degrees or below.

Early planted stock should now be far enough advanced to show a few good blooms here and there. Do not let many come in at this time, but carefully pinch back all the smaller plants regularly, being careful to build up the plants of equal size and productiveness by the latter part of October or November, especially the young stocks.

Early planted stock on raised benches, if going good, should now be filling the soil with roots and will perhaps require a light top dressing. This condition can quite easily be determined by examining the soil at the surface. If the surface is hard, and the roots are near the surface, a light top dressing of shredded cow manure can be applied to good advantage, or some old thoroughly rotted cow manure or any old hotbed manure that can be broken up quite finely. A light layer just sufficient to barely cover the soil will answer unless there has been much setting of the soil. Often where the soil has not been firmly packed when filling the benches, it will settle an inch or more. When this happens, a layer, half soil and manure, well mixed, should be used to bring the surface up to the required point, which is about an inch from the top edge of the bench siding. Unless the plants are perfectly healthy and in good color, it would be advisable to fill up the space gradually, using just a small amount of the compost from time to time, noticing the effect on the plants.

All young stock (or old, carried over stock for that matter) should be kept tied up in good shape right along; do not squeeze them in so doing, but tie them rather openly. Putting one tie to each plant is not much of a way, either. If it takes six ties to a plant, let it have six ties, but by all means avoid crowding the foliage and sweating the plants into a dose of blackspot or a loss of foliage.

The carried over or pruned plants in the solid borders should be kept pinched right along and will require a good mulch along about the second pinch as a rule. This should be of good cow manure, preferably about half decomposed. Apply when the soil is in a condition to take a fairly good watering, but not by any means on the dry side. Give the mulch a good washing in and, to avoid waste, water down the mulch almost as fast as it is being put on and when it comes to mulching, this work should be done quickly, using as much help as possible to complete the task quickly.

At the first sign of green fly, in fact, before there is a sign of the little pest, one should fumigate lightly. If this is done very early in the morning, and the house closed for an hour or so and this done quite frequently, the expense of fumigating for the entire season will be a minimum one. We strongly advocate the use of the fumigating paper for this work as being the cheapest in the long run and absolutely the safest. At this season one should have the powder gun handy, and do not wait for mildew or black spot to make their appearance, either; a dusting of grape dust at least twice in 10 days will usually keep the foliage clean until the sulphur can be applied to the steam pipes regularly. Also, use a little air-slacked lime, dusted around under the tables and the plants at the base, especially the American Beauties or any variety that is subject to spot. Keep the walks clean, allow no dripping faucets, and do not forget to do all the painting inside and out while the weather is yet fine. For this work right now, the overworked word, "Preparedness," does seem to apply to the rose grower, who takes time by the forelock.

E.

Lang Floral & Nursery Co., Dallas, Tex.

The accompanying illustration shows the new establishment of the Lang Floral & Nursery Co., Dallas, Tex. An attractive feature is the landscape scene on the wall, the carpet bedding and sunken garden being in beautiful colors, as are the green shrubs, trees and lawn, while in the perspective, the figure of the lady coming down the path leading from the house appears most life-like. While the painting of this attractive mural decoration was in progress, the audience who watched the clever artist often numbered as many as 500, the location being a very prominent corner. The interior of the store, the decoration of which will require about 30 days more to finish, will have for the color scheme old ivory with a light margin of green. It will be one of the finest flower shops in the South.

Dahlia Show at San Francisco.

A dahlia show will be held under the auspices of the Pacific Coast Horticultural Society, the California State Floral Society and the California Dahlia Society at the Civic Auditorium, San Francisco, Calif., October 3-4, 1916. Prizes will be awarded in 30 classes, with divisions for both professionals and amateurs. Applications for space, etc., should be addressed to H. Plath, manager, 210 Lawrence avenue, San Francisco, Calif.

Gardener Succeeds Knopf Floral Co.

The Charles Knopf Floral Co., well known wholesalers, Richmond, Ind., has been succeeded by William H. Gardener. Stock at this range is in fine condition. Business is very good and all indications point to a splendid fall demand. The new proprietor has no difficulty in finding a ready market for everything grown.



LANG FLORAL AND NURSERY CO.'S NEW STORE, DALLAS, TEX.

CHRYSANTHEMUMS

Chrysanthemum Society of America.

EXAMINING COMMITTEES.

President Wm. Kleinheinz announces the committees to examine new chrysanthemums for the ensuing year as follows:

Boston—Wm. Nicholson (chairman), James Wheeler, Alex. Montgomery. Ship flowers to chairman, care of W. J. Thurston, manager, Boston Flower Exchange, 1 Winthrop square and Otis street, Boston, Mass.

New York—Eugene Dailedouze (chairman), Wm. H. Duckham, A. Herrington. Ship flowers to New York Cut Flower Co., 55 West Twenty-sixth street, New York, care of chairman.

Philadelphia—A. B. Cartledge (chairman), John Westcott, S. S. Pennock. Ship flowers to A. B. Cartledge, 1514 Chestnut street, Philadelphia, Pa.

Cincinnati—R. Witterstaetter (chairman), James Allen, Henry Schwarz. Ship flowers to chairman, Jabez Elliott Flower Market, care of janitor.

Chicago—N. J. Wietor (chairman), George Asmus, Thomas W. Head. Ship flowers to chairman, 162 North Wabash avenue, Chicago.

Shipments should be made to arrive by 2 p. m. on examination days to receive attention from the committee. Must be prepaid to destination and an entry fee of \$2 should be forwarded to the secretary not later than Tuesday of the week they are to be examined, or it may accompany the blooms.

Seedlings and sports are both eligible to be shown before these committees, provided the raiser has given them two years' trial to determine their true character. Special attention is called to the rule that sports to receive a certificate must pass at least three of the five committees.

The committees will be in session to examine such exhibits as may be submitted on each Saturday during October and November, the dates of which will be October 7, 14, 21, 28 and November 4, 11, 18, 25.

CHAS. W. JOHNSON, Sec'y.

Feeding.

Feeding the plants, or in other words, applying liquid manure, is done with the aim in view of stimulating the growth of the plants and improving the quality of their blooms, the success or failure of the operation depending greatly on the condition of the plants and the treatment that has been given them up to this time. Chrysanthemums are heavy feeders and require a liberal amount of fertilizers to produce high grade blooms, but unless the growth of the plants is strong and healthy, with the roots alive and active, the feeding can very easily be overdone and results in a great deal of harm to the plants.

The expert grower of exhibition blooms forms his plans when the plants are small and treats them liberally with fertilizers at the different stages of their growth throughout the season. Plants grown under these conditions have now attained an enormous growth of stem and foliage and require very careful handling as only the man who has guided them through the season and knows what ingredients they have been fed with can judge, but it is much the safest

after the buds are set on the highly fed plants to continue the feeding in moderation only.

The feeding of the plants being grown to produce commercial cut blooms is an entirely different matter to the feeding of the exhibition stock; the exhibitor will go to the limit with his plants to get size to the blooms and expects to lose some of his flowers. Should his loss be very small, then he considers himself lucky, but the aim of the grower of commercial blooms is one hundred per cent. perfect flowers. To obtain this extreme, caution must be exercised in the feeding of the plants. Commercial stock planted in a rich composted soil the latter part of May or during the month of June, and the beds mulched once during the summer, does not need any feeding until after the buds are well formed; it should then be carried on once a week until the buds show color. Commence the feeding lightly at first with liquid cow manure, using one-half bushel of cow manure to 50 gallons of water when applied with a watering can, and one bushel of cow manure to the same amount of water if applied through a hose by a Kinney pump. We have used one of these little pumps for years and find that on places that do not have a piped manure system, it is one of the most useful labor saving devices.

The fresh cow manure is put in a barrel of water at the end of the greenhouse, allowed to stand for two days. It is then well stirred up and drawn off through the Kinney pump. We have a fine screen fitted up to put in the barrel for the end of the hose to go in so that the coarse material is not drawn into the hose to clog the pump. After the material is prepared, its application to the beds is not any more work than watering with clear water. After the first two waterings of liquid cow manure, a three-inch potful of nitrate of soda is used along with the manure. When the buds are half formed we have found it a good plan to gradually let up on the liquid manure and give the beds a light top-dressing of pulverized sheep manure, or dried blood. This we find sustains the plants when the manure water is withheld after the buds begin to show color.

Among the commercial varieties well advanced in bud, which were given a manure watering September 11, we note the following: Golden Queen (almost showing color); Crystal Gem, Polly Rose, Marigold, Oconto, Mrs. Paul Moore, Early Rose, October Queen, Alice Day and Chrysolora.

It is very important not to apply liquid manure while the soil is very dry, but water with clear water first and allow it to wait for an hour or two before watering with the manure. The work should be done early in the day and if not extremely hot, bright days should be chosen.

C. W. JOHNSON.

MATTOON, ILL.—A. D. King has returned from a fishing trip and reports excellent sport.

DETROIT, MICH.—Retailers all along the line report light business, mainly due to the scarcity of stock.

HARRISBURG, PA.—The Davenport Flower Shop, 325 Market street, opened for business, September 10, under the management of H. G. Moore.

Washington, D. C.

SURPLUS OF GOOD STOCK.

The supply of stock during the past week has kept in the lead as far as the demand was concerned the quantity being greater than the local market could absorb. Roses, carnations, Easter lilies, dahlias and all seasonable flowers are very plentiful and extra fine in quality. Lily of the valley is the only high priced item, and when quoted at \$1 per dozen the retail trade is not inclined to push the sale of it. Orchids are not in very heavy supply but the prices are reasonable.

NOTES.

Miss West, formerly with the Dupont Floral Co., has taken a position with Geo. C. Shaffer. This store also reports business more than satisfactory. They had some very large funeral orders September 23, one wreath being nine feet high and five feet in diameter. This was made of orchids, lily of the valley, Easter lilies and rubrums. The base was of Easter lilies, crotons and cypas leaves.

This is just a "fish story." Wm. F. Gude, while enjoying a short vacation last week, is credited with the capture of a four-foot shark. His friends, many of whom are very fond of shark steak are anxiously awaiting an invitation to a "shark dinner." In a shark of that size there are enough choice cuts of steak to make a fine spread.

J. Harper Heatherington, after a visit to Philadelphia and vicinity, has returned and is satisfied that local stock is better than anything he has seen there.

J. H. Small & Sons are displaying the best carnations in this city. They are grown at their own range.

M. LaBarge, formerly of Burlington, Vt., is now in the employ of the Washington Floral Co.

K. L. Hendrick, formerly of Norfolk, Va., has joined the force at Z. D. Blackstone's.

Visitors: J. Goudy, W. Heacock and W. Lake, Philadelphia, Pa.; J. Cutler Ryerson, Newark, N. J.

G. C. D.

CLYDE, O.—The Clyde Floral Co. has filed a petition in bankruptcy.

CHICAGO, ILL.—Manuses Bros., florists, bankrupt, expect to pay about five cents on the dollar at the end of the year.

MCCOOK, NEB.—C. H. Brown has sold a half interest in the McCook Greenhouses to N. P. Nelson, formerly of Rexford, Kan.

WICHITA, KAN.—Collette & Hondrox, of Hutchinson, have purchased land here and will build a range to be devoted to vegetables.

KNOXVILLE, TENN.—A. H. Dailey has closed his store on Gay street and will conduct his business at his Market street establishment.

WILKES-BARRE, PA.—The county commissioners are planning to erect a greenhouse to care for the plants used in the court house grounds.

HUTCHINSON, KAN.—The Underwood Greenhouse Co. will enlarge its establishment and has registered a bond issue of \$50,000 for the purpose.

WEYMOUTH, MASS.—William Humes and A. J. Duffin have formed a partnership and will enter the trade here, having purchased greenhouses.

INDIANAPOLIS, IND.—Bertermann Bros. Co. has made improvements which add to the attractiveness of their already well arranged store.

WAVERLEY, MASS.—The Wm. W. Edgar Co. is making extensive additions at its range, including one new greenhouse.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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COMMISSION men in several lines of business keep prices on a profitable basis by retaining control of the product offered for sale.

BASKETS made at home and other forms of wicker work used by the trade are in brisk demand, owing to the curtailed supplies of foreign goods in this line.

Illinois State Florists' Association.

At a recent meeting of the executive committee it was decided to abandon the prize feature at the fall show of the association, which is to be held at Bloomington, November 9-10, and the secretary has been instructed to ask all members to make this, our first fall show, one grand success, by contributions of stock for the exhibition. Please bear this in mind and send something and bring yourself along for a fall holiday. Remember this is the semi-annual meeting of your association.

J. F. AMMANN, Sec'y.

AMSTERDAM cable says Emperor William in the German Official Gazette appeals to all Germans abroad to report to the consular offices in order to ascertain whether they are available for military service.

CHAIRMAN ASMUS of the National Flower Show committee is making arrangements to call his co-workers together at St. Louis, Mo., immediately following the meeting of the Florists' Telegraph Delivery at Chicago, October 11 and 12.

Azaleas and Other Belgian Plants.

Wm. F. Gude, Washington representative of the Society of American Florists, is leaving no stone unturned to insure export of the regular shipments of azaleas, palms and other Belgian plants this fall, but so far there seems but little hope that such shipments will come forward this season. The following letter addressed by Alvery A. Adey, Second Assistant Secretary of State, to Mr. Gude, September 20, shows the situation as it stands at present:

"The department has received your letter of September 15, 1916, relative to the importation of Azalea Indica and other plants of Belgian origin and the difficulties now encountered in connection with these shipments.

"You are informed that instructions were sent by cablegram to the American ambassador at Berlin on September 16, 1916, to endeavor to have the arrangement in effect last year restored so that these goods might come forward for the Christmas trade.

"When a reply is received from the ambassador any information contained therein will be communicated to you."

Florists' Telegraph Delivery.

President Wm. F. Gude and Past President Irwin Bertermann, together with the directors and other officers, desire your presence at the meeting called in Chicago, October 11-12 at 9 a. m., at the Hotel LaSalle. The immense growth of our organization, which was instrumental in the selling of five million dollars worth of flowers last year, needs your presence.

Because new by-laws and regulations will be proposed,

Because the increasing of membership dues will be considered.

Because you should show your appreciation of work done gratuitously by the officers in the past by attending.

Because your co-operation and suggestions are necessary.

Because it is going to be a record breaking meeting of the retail trade of this country.

Because every phase of the business will be discussed and much information will be obtained, and,

Because you owe this duty to your business as well as to the F. T. D. If you are considering time and money you will be repaid a good many times.

If absolutely impossible to attend, jot down suggestions or experiences and forward to President Wm. F. Gude before October 5, also notify me in case you cannot attend this meeting.

ALBERT POCHELON, Sec'y.

Wm. F. Gude, President.

George Asmus, Vice-President.

Wm. L. Rock, Treasurer.

Imports of Plants and Bulbs.

The treasury department has issued the following notice to the trade under date of September 20:

This office has experienced great difficulty in the examination and appraisalment of nursery stock and bulbs due to faulty and incomplete description on invoices. In order that the time consumed in the examination and appraisalment of these partly perishable goods may be reduced to a minimum, it is suggested that you co-operate with this office by directing the shippers of nursery stock and bulbs to state in detail the following specifications on invoices:

REQUIREMENTS.

That on all invoices quantity of each and every quality or kind contained in each case be stated.

Flower bulbs, bulbous roots, corms, etc.—Under no circumstances should an invoice be accepted for flower bulbs unless accompanied by specifications setting forth the quantity and kind in detail.

Azalea Indica.—Give diameter of plants.

Azaleas other than Indica.—State if seedlings or hybrids. If seedlings, give age and size, and state whether budded or not. If hybrids, give variety, age and size.

Rhododendrons.—State whether hardy or for forcing. If hardy, state height. If for forcing, state number of buds. If a novelty, give name, as "Pink Pearl" or "White Pearl."

Lilacs.—State whether field grown or pot grown. If field grown, state whether for forcing or landscape work. In all cases give height.

Boxwood.—Bush box: Give height and diameter. Pyramid box: Give height and diameter of base. Globe box: State whether clipped or not. Give diameter of plant. Other shapes of boxwood: Give full description.

Coniferous Plants.—Give full name of variety and state whether grown from seed or not. In low grown varieties, such as Juniperus Tameriscifolia, give diameter of plant.

Magnolias.—Give full name and height, and state whether budded or not.

Peonies.—State whether tree peonies or herbaceous peonies.

Iris.—State whether bulbous, rhizomatous or Iris Germanica or Kaempferi.

Roses.—State number in each case. If packed in bundles, state number contained in each bundle.

Deciduous Flowering and Ornamental Shrubs.—Give name and height. If standards of tree form, state so.

Japanese Maples.—Give name of variety and height. State whether seedling or grafted.

Pot-Grown Shrubs for Forcing.—State that these plants are pot-grown, and give name and height.

Clematis and other Vines.—State whether field-grown or pot-grown, and give length.

Other Plants.—Give full names, sizes and other information necessary to fully describe the stock. State if the plants are specimens.

Palms.—Give name of variety. State whether single or made up. Give height from top of earth in pot or tub. If plant is slender, state so.

Bay Trees.—Standards: Give height of plant and diameter of base. Other forms: Give height and diameter.

Araucarias.—Give variety, height and number of tiers.

Aspidistra.—State whether green or variegated. Give number of leaves.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.
Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By a well educated young lady with some experience. Wants position with board; with florist where she can learn designing. Key 684, care American Florist.

Situation Wanted—On private or commercial place; 15 years experience in all branches in and out doors. Capable of taking charge. Single, age 31.
LUCIEN LE CLERE,
1112 Church St., St. Joseph, Mo.

Situation Wanted—Expert gardener seeks engagement on first-class estate. All references. Good wages expected in return for guaranteed results. Address
Key 702, care American Florist.

Situation Wanted—By single man, age 27; 12 years' experience as gardener and florist; also decorator. Private place preferred. Best references, private and commercial. Address
Key 689, care American Florist.

Situation Wanted—As working foreman on big commercial place growing roses and carnations; life-long experience and scientific practice; can handle men; sober and industrious; good references. Key 705, care American Florist.

Situation Wanted—By expert carnation grower; long years' experience in scientific growing of carnations, roses and mums; first-class propagator; middle age, temperate and good worker. Address
Key 704, care American Florist.

Situation Wanted—Young man 26 married; thoroughly competent grower; carnations, chrysanthemums, pot plants, A 1 designer; reference as to character and ability.
EARLE FORTNEY,
1026 Carleton St., Fairmont, West Va.

Situation Wanted—Horticulturist seeks engagement. Scientific and practical experience in raising vegetables in and out of doors; greenhouse management; bush fruits, tree surgery and cut flowers; good wages expected for guaranteed results on large scale; references, married, 32, one child. Address
B., Box 35, Pomfret Center, Conn.

Help Wanted—Two good storemen for Chicago oop stores; \$20.00 to \$25.00 per week to right men. Key 686, care American Florist.

Help Wanted—Good saleslady and designer for Chicago loop store. Reply as early as possible, giving experience, age, etc.
Key 685, care American Florist.

Help Wanted—Boy for retail store, growers' son preferred. State full particulars.
BERNARD SCHMIERER,
849 Irving Park Blvd., Chicago.

Help Wanted—Young men, 17 to 19 years of age, to work in rose houses, at \$30.00 to \$35.00 per month. Apply POEHLMANN BROS. CO.,
Plant B, Morton Grove, Ill.

Help Wanted—Two good rose growers for modern plant in Illinois; state wages, experience and enclose references in first letter. Address
Key 693, care American Florist.

Help Wanted—Young man to grow roses, carnations and pot stock. Give experience and wages desired in first letter.
RUGBY GREENHOUSES, Rugby, No. Dak.

Help Wanted—Store help for Chicago. Young man with some experience, ambitious to learn the retail business. Good steady position. Address
Key 701, care American Florist.

Help Wanted—A young man with experience in landscape work, draughting, etc., as assistant in our landscape department.
BERTRAND H. FARR, Wyomissing Nurs. Co.
Wyomissing, Pa.

Help Wanted—Competent nurseryman; must be able to supervise help, sober and industrious and have a clean record. Give full particulars and references. Address
Key 694, care American Florist.

Help Wanted—At once, a young man with technical knowledge of general nursery stock and experience in making quick planting plans. This position offers a good future. Address
Key 687, care American Florist.

Help Wanted—First-class salesman and artistic decorator; must be an original, young, clean-cut man. Splendid opening with chance for advancement to right party. High-class New York store. Address
Key 682, care American Florist.

Help Wanted—Assistant man for general work in greenhouses. Must be willing and obliging. Permanent position at once, to good, all around man. Salary \$12.00 per week. Give age and experience in first letter.
SUFFOLK FLORAL GARDENS,
Box 324, Suffolk, Va.

For Rent—Greenhouse for rent, 8,000 feet of glass, shed, living house. Rent, \$32.00 per month. Stock, \$400. 10 miles from Chicago loop.
Key 691, care American Florist.

For Sale—Old established retail store in Chicago, at a bargain. H. THIELMAN,
408 West Division St., Chicago.

For Sale—Beautiful flower store in best residential district in Chicago, on north side. For further particulars address
Key 692, care American Florist.

For Sale—Good paying flower store. Very good location, low rent, cash trade. A bargain. Don't answer unless you mean business. Address
Key 700, care American Florist.

For Sale—Chicago flower store on prominent north side street. Good opportunity for live florist.
A. C. KOHLBRAND,
174 North Wabash Avenue, Chicago.

For Sale—Old established florist business three greenhouses attached, \$2,500; nothing for good will; stock of plants, implements, horse, wagons, fixtures and supplies will invoice the amount; near hotels and large theatres, 15 minutes from loop.
GEORGE C. WAGNER,
3116 Indiana Ave., Chicago.

For Sale—New Liskeard Greenhouse, size 22x100, with pottery 20x60, large furnace room, cement basement, also drive shed and three stall stable, three lots 50x100 feet. Being sold to wind up an estate; a splendid opportunity for market gardener. The above plant cost \$5,500; will be sacrificed; for terms apply to
E. C. SYMON, New Liskeard, Ont., Canada.

Wanted to Buy—Greenhouses, land and house in large city anywhere. Give details and terms.
Box 22, Kingston, N. J.

Wanted to Rent—Twenty to forty thousand feet of glass near Chicago. For further particulars address
Key 655, care American Florist.

Wanted—Grower of carnations within shipping distance of Buffalo to make steady shipments three times a week. Address
Key 703, care American Florist.

Expert Gardener

Seeks engagement on first-class private estate near Chicago; good wages expected in return for guaranteed results.

Key 675, care American Florist.

HELP WANTED.

Single man of good education with first-class knowledge of general nursery stock; one specially adapted for the road. Right salary to the right man. Apply personally, if possible, to

BOBBINK & ATKINS,
Rutherford, New Jersey.

FOR SALE.

Second-Hand Refrigerator.

We are installing a larger refrigerator, and must dispose of our present Orr & Lockett box, 9 ft. long by 4 ft. wide, immediately, to make room for the new one. Box is in good condition, and will be sold cheap if taken at once.

SCHILLER, THE FLORIST,
2221 West Madison St., CHICAGO

Situation Wanted.

A1 designer, salesman and all-around storeman, capable of managing an up-to-date place. Will have no objection to represent some reliable house on the road, for I know the game from A to Z, and am ready to start work immediately. Married, and have family. For further particulars address

Key 677, care American Florist.

CIVIL SERVICE BOARD

West Chicago Park Commissioners

The Civil Service Board of the West Chicago Park Commissioners will hold the following examination on the date and at the place given below. Application blanks may be obtained at the office of the Board in Union Park or at the West Park playgrounds.

Examination No. 225.

FLORIST, Class G, Rank II: Original entrance, pay \$80.00 to \$90.00 per month. To be held October 3rd, 1916, at 9:00 a. m., at the Garfield Park Pavilion. Open to men over 21 years of age regardless of residence. Applications must be filed in the office of the Civil Service Board in Union Park before 5:00 p. m. of October 2nd, 1916.

Subjects: Special Subject, weight of 6; Experience, weight of 3; Physical, weight of 1.

Special Subject: An oral and practical test in exhibition greenhouse work and written questions on the care and propagation of plants and general greenhouse operations.

The duties of the florist are general work in the conservatory and propagating house and in the outdoor gardens throughout the system.

FRED G. HEUCHLING,

Sept. 6, 1916. Superintendent of Employment.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

Lancaster County Florists' Association.

Under the leadership of Albert M. Herr, a trip was made to the establishment of Richard Vincent, Jr., of White Marsh, Md., via automobile. There were 13 machines and 63 persons in the party, as follows:

Wm. Aberne	T. J. Nolan
Miss Mary Bachler	A. F. Ritchy
B. F. Barr	Fred Ritchy
Mrs. B. F. Barr	Mrs. F. Ritchy
C. E. Bowman	Miss Robinson
Ed. Breck	A. Rohrer
Jas. Brown, Jr.	Amos Rohrer
Mrs. Jas. Brown, Jr.	Mrs. A. Rohrer
P. K. Burkhardt	H. K. Rohrer
A. W. Denlinger	David Rose
Mrs. A. W. Denlinger	J. Schoenberger
J. W. Galey	Mrs. J. Schoenberger
Mrs. J. W. Galey	E. Shreiner
R. Girvin	J. R. Shreiner
David Groff	Mrs. J. R. Shreiner
Mrs. D. Groff	Allan Shue
Mrs. Groff	V. H. Stirk
Albert M. Herr	Mrs. V. H. Stirk
Mrs. A. M. Herr	A. F. Strickler
Chas. B. Herr	Mrs. A. F. Strickler
Norman Herr	John Toland
E. P. Hostetter	Mrs. J. Toland
Mrs. E. P. Hostetter	Clyde Trout
M. H. Hostetter	Chas. Weaver
Mrs. M. H. Hostetter	Chas. C. Weaver
L. Landis	Miss C. Weaver
Mrs. J. A. Leaman	E. Weaver
E. Lefever	J. H. Weaver
E. Lefever	L. Weaver
J. L. Lockard	

The run from Lancaster was made via Quarryville, Conowingo and Belair. The weather was ideal and the scenery unsurpassed by any in the world from an agricultural point of view, and by very few places from a scenic point of view. The distance, 66 miles, was made in a little more than three hours, and at Perry hall we were met by Mr. Vincent and one of the boys who piloted us to their establishment via the shortest and best route.

Parking our machines on the lawn we were marched to the potting shed, where we went through the formalities of introductions to the Vincent family, and where Mrs. Richard Vincent, Jr., demonstrated to us Lancaster countians the real hospitality of Maryland, with a lunch that satisfied to the full the appetite created by our long run on a cool morning. Mrs. Vincent was voted a charming hostess by all the ladies present and Mr. Vincent given a vote of thanks, three cheers and a tiger by every one, ladies and gentlemen.

Our host then led the party to the dahlia fields, and we were shown not only the largest acreage (close to 100) we ever saw, but also the largest collection I presume in the world, some of those in the trial grounds costing as high as \$5 per tuber. A seedling of their own, Chas. L. Seibold, has in addition to its merits as a bloom, the added feature of being the earliest and the freest of their 300 or more varieties. Another special is called Jack's Discovery, and Mr. Vincent in his enthusiasm gave us more information on varieties and culture in an hour than we could have learned in a year any other way. One of the cultural pointers he brought out especially was that late planting was in most cases better than early planting, and June seemed to be the month for planting. They do their planting by machine, and three men and one machine can plant 25,000 per day. Cannas come next to dahlias in quantity and variety, and the canna lovers of the party had quite a feast in examining the many varieties grown.

There was plenty of other stock grown in the fields that proved interesting, but it had nearly all suffered from the cool spring, the heavy rains and the intense heat of August, a combination not often happening the same summer. That the stock was in the fine condition it was, is evidence of the care and attention given every detail in this establishment.

In the greenhouses, the geranium stock was a great attraction to our Lancaster geranium growers and the 300 or more varieties were closely inspected by critical men, but nothing but praise was heard on every side as to the quality of the stock and surprise at the number grown. In addition to these geraniums a general line of bedding stock interested the retail men of our party and the healthy condition of everything was commented upon. In a big establishment like this, one usually finds some places not quite up to the mark, but there was only one little corner in this one, and that was a batch of lantana cuttings that had gone to the bad.

The mechanical end of the place was a side attraction. We found two new 100-horse power boilers being installed and a complete pumping plant that in addition to pumping water, manufactures the electricity for the place. Their box making department for shipping out stock is a little industry of its own.

The buying end of the establishment is in the hands of Richard Vincent, and some little idea of the way it is conducted can be had from the fact that a year's supply of paper was laid in before the raise in price, all of which is cut to size, so that there is no waste.

Pompon chrysanthemums are next to the dahlias and cannas and they promise a big crop of flowers and plants. Mr. Vincent kindly offered to supply us with a display of these flowers for our show November 9-11, and if there was anything left undone toward our entertainment and comfort the writer failed to see or hear of it.

The run home was made with a stop at Quarryville for supper and Lancaster was reached about 7 p. m. by a tired, but well pleased party, without even a "blow out" to mar the pleasure of the trip.

ALBERT M. HERR.

Cleveland.

STYLE SHOW WEEK STIMULATES TRADE.

"Style show week" is becoming more and more an excellent flower week, merchants generally using several vases of flowers in connection with their displays. Funeral work has been heavy the past week, cleaning up many short asters, roses and gladioli. Short dahlias, too, are much in demand.

NOTES.

At the monthly meeting of the florists' club, held at the Hollenden hotel, September 11, the following officers were elected for the ensuing year: Samuel Pentecost, president; Timothy Smith, first vice-president; H. P. Merrick, second vice-president; Al. Barber, secretary; A. C. Fox, treasurer. Two new members, Fred Altknecht, of Wickliffe, O., and Jos. Zowlinsky, of Independence, O., were elected to membership. The next meeting will be held October 2.

The following have been appointed on the various committees for the ensuing year by President Pentecost of the florists' club: Executive committee—H. P. Knoble, chairman; Tim Smith, Geo. Bate, Frank Friedley, O. P. Blackman. Entertainment committee—Walter Cook, chairman; Frank Ritzenthaler, Chas. F. Bastian. Reception committee—H. P. Merrick, chairman; J. M. Fox and Mr. Rapley.

F. A. Brendel will move from his present location on Lorain avenue to 1440 West Twenty-fifth street, near Detroit avenue, this week.

Samuel Seligman, of the American Bulb Co., Chicago, has an exhibit of supplies at the Statler Hotel.

C. F. B.

Rochester, N. Y.

SEASONABLE WEATHER HELPS BUSINESS.

Cool, crisp weather has had a stimulating influence on trade during the past week, and everything on hand sold well. Asters are getting smaller and poorer every week and the supply on September 23 was light, and the demand was heavy, due to the occasion of decorating the graves. Roses are good but the supply is limited. Lilies are becoming more plentiful and better in quality. Lily of the valley is excellent and the supply has increased considerably. Carnations are still short stemmed but are showing rapid improvement. Both dagger and fancy ferns are plentiful and of good quality. Galax is somewhat poor.

NOTES.

E. C. Kaelber had a very attractive window last week arranged with arts and crafts baskets, the various colorings displayed attractively with asters, dahlias, tritomas, etc. Trellis effects were also a feature, Clematis paniculata in full bloom being used. Business here has shown a good gain during the past few weeks.

George B. Hart's new warerooms are nearly completed. They will be fully equipped with cases for ribbons, shelving, counters, etc. The refrigerator on the ground floor has been enlarged to twice its original size and he will be in splendid shape to care for his rapidly increasing business.

George T. Boucher is attracting attention to his store with a handsome illuminated electric fountain which makes a wonderful setting for fine groups of Boston and Roosevelt ferns.

H. E. Wilson's window shows a handsomely appointed dinner table with a centerpiece of pink roses and favors of sweet alyssum, roses and corn-flowers.

Maurer-Haap Co. is selling early fall planting bulbs, included in the assortment being narcissi, daffodils, tulips and crocuses.

Horace J. Head arranged a handsome decoration for the Stewart-Fisher wedding September 23.

Frank MacLewis of the Unique Flower Shop reports an encouraging improvement in trade.

CHESTER.

Louisville, Ky.

The F. Walker Co. had several large decorations during the past week, among them being the King Solomon Chapter, R. A. M. annual banquet, and the stores of Kaufman, Straus & Co., and the Stewart Dry Goods Co.

E. G. Reimers & Sons Co., Inc., had the fall decorations for the establishment of Selman & Co., one of the large department stores.

Frank Kleinstaub, who broke his arm recently, is getting along nicely, it is reported.

The demand for fall bulbs, peonies and shrubs has opened up strong.

Visitors: A. F. Longren, representing Poehlmann Bros. Co., and Guy Reburn, of A. Henderson & Co., both of Chicago.

H. G. W.

Fort Wayne, Ind.

The past week was one of the busiest the local trade has experienced for some time. The call for funeral work was heavy and there were numerous orders for social events. A killing frost has caused a shortage of outdoor stock but greenhouse flowers show marked improvement, especially roses and chrysanthemums.

The Flick Floral Co. has been busy with orders for funeral work. Flowers for a pre-nuptial party were also among the orders during the week.

H. K.

THE NEW EDITION

ISSUED AUGUST, 1916

—The American Florist Company's—

Trade Directory

FOR 1916

Contains 546 Pages.

Price \$3.00 Postpaid.

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1916, fully revised to date, with thousands of new names and changes of address, is now ready for distribution. It contains 546 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States, Canada, Central and South America arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms Which Issue Catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, Seed Growers, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

American Florist Co.

440 S. Dearborn St., CHICAGO

The Florists' Supply House of America

Why are you waiting? Have you gotten your supply to start your winter season, if not send us a list of your wants, we can supply you.

Everything in the Florists' Supply Line; send in your order and test our quick delivery.

Immortelles, Baskets, Chiffons, Wheat Sheaves, Cycas, Red and Green Ruscus, Japanese Roping, all colors; Violet Pins, the imported kind; Minerva Grass, all colors; Imported Bridal Lace Bouquet Holders. Get the latest novelty, **Miniature Japanese Flower Bowls with Small Fish Holders**, fill beautifully, great sellers; four colors, white, blue, green and yellow, \$15.00 per 100. Send for our "Catalog."

H. BAYERSDORFER & CO.,
1129 ARCH STREET, PHILADELPHIA, PA.

Los Angeles.

A FEAST OR A FAMINE.

Market conditions in this city are difficult to describe at present. The demand is spasmodic—sometimes the stores will be crowded for a day or two, and then the rush will quiet down for a period. Greenhouse stock is showing improvement, especially in roses. Chrysanthemums are becoming more plentiful and dahlias continue fine in quality. The general opinion among the trade here is that lily of the valley is going to be a very scarce item during the coming season.

NOTES.

The Broadway Florists are attracting attention to their establishment with a clever novelty in the design of a large shoe made up of carnations. The opening at the top held a vase in which were arranged long-stemmed cut flowers. This firm has added two more employees to the staff.

Wright's Flower Shop, Inc., already feel the stimulating touch of the new fall business. They are making a noteworthy showing of Shawyer, Killarney Queen and Prima Donna roses from their own range.

Mr. Andrews, of the Wolfskill Bros. & Morris Goldenson force will sever his connection with that firm October 1, and will leave at once for San Francisco, where he will take up work along similar lines.

The Roslyn Flower Shop, J. A. Norris & Son, proprietors, seem to be getting a good foothold in the cut flower business since their opening in the Hotel Roslyn building.

Seki Bros. & Co. report trade improving. In addition to their regular wholesale trade they had orders for several large wedding decorations recently.

Morris & Snow are holding a flower show this week, exhibiting hundreds of varieties of dahlias for the benefit of their customers.

Mr. Knopf of the Redondo Floral Co. is away for a week and is reported to be attending the Methodist conference at Santa Ana.

O. C. Saakes has had another busy week with funeral work. His stocks

of chrysanthemums and dahlias are very fine.

J. W. Wolters reports a good increase in business and considerable activity in funeral orders. G. H. H.

Horticultural Society of New York.

DAHLIA EXHIBITION.

The above named society held a very successful dahlia exhibition in the museum building, Bronx park, New York, September 23-24. As previously announced it was strictly a dahlia show and fine stock was shown. Several meritorious seedlings were exhibited, proving that the dahlia specialists are setting a pace in the introduction of new varieties. In addition to the regular classes special exhibits were made by the following: Lager & Hurrell, Summit, N. J., orchids; John Scheepers & Co., Inc., New York, dahlia seedlings; W. A. Manda, South Orange, N. J., vase of Canna Yellow King Humbert and dahlia seedlings; Robt. Petrie, Paterson, N. J., dahlia seedlings; E. D. Adams, Rumson, N. J., dahlia seedlings; C. Louis Alling, West Haven, Conn., dahlia seedlings.

The awards in the competitive classes were as follows:

Largest and best collection, not less than six types, flowers on short stems—C. Louis Alling, 1st; Mills & Co., Mamaroneck, N. Y., 2nd.

Vase of 12 blooms, decorative, one or more varieties on long stems—W. A. Manda, 1st; C. Louis Alling, 2nd.

Vase of 12 blooms, pompon, one or more varieties on long stems—Wm. Shillaber, Essex Falls, N. J., 1st; C. Louis Alling, 2nd.

Vase of 12 blooms, single or collar-ette, or both on long stems—Mills & Co., 1st; C. Louis Alling, 2nd.

Vase arranged for effect—James Linane, Rye, N. Y., 1st; Mills & Co., 2nd.

In the seven classes restricted to non-commercial growers, many splendid displays were made, prominent among those who received the awards being Dr. M. A. Howe, Pleasantville, N. Y.; E. D. Adams, Jas. Linane, Mrs. F. A. Constable, Wm. Schillaber and Mrs. Nichols. A. F. F.

Indiana-Kentucky Florists' Joint Meeting.

The joint meeting of the florists of the State Florists' Association of Indiana and the Kentucky Society of Florists at Louisville, which was originally scheduled for October 10-11, has been postponed due to "big doings" which are to be held in Indianapolis on those dates, and the meeting will probably be held the week following, possibly October 17-18. As the Indiana florists will arrive at different times during the morning of the first day, a reception committee has been formed and the visitors will be escorted to Anders Rasmussen's establishment at New Albany, where lunch will be served. Following this will be the joint business meeting of both societies, which will adjourn at 3 o'clock and the party will be taken in automobiles for a three hours' ride through the park system of Louisville. At 6:30 there will be a banquet, the place to be announced later, following which there will be speeches by both the Indiana and Kentucky florists, and if a sufficient number of ladies are in attendance there will be dancing.

The second day will be devoted to pleasure exclusively. At 8:30 a. m. there will be a bowling tournament, with singles and doubles, but the principal event will be the team match between representatives from both societies. Lunch will be served on the alleys at noon. At 2:00 p. m. special cars will take the party for an inspection of Wm. Walker's range.

H. G. W.

Frederickton, N. B.

The demand for funeral designs has kept up all through the summer, but it has been difficult to keep a supply of flowers of good quality. Asters, for some reason, are poor. The gardens are still looking gay, although there have been light frosts in this vicinity. The weather at present is ideal, although the past several weeks have been extremely hot and dry. The majority of the farm crops are of normal yield and prices are high.

J. B.




A view of the Buchbinder refrigerator, 4 x 10½ x 15, in the Broadway avenue store of Schiller, the Florist. The most important refrigerator contract let in Chicago in recent years.

SCHILLER THE FLORIST

Orders Another Buchbinder Refrigerator.

➡ Read what this firm writes ➡



Chicago, September 20, 1916.

Buchbinder Bros.,
Refrigerator Manf.,
518 Milwaukee Ave.,
Chicago, Ill.,

Gentlemen:-

The display refrigerator you installed for us in our exclusive North side store in 1914 has given such perfect satisfaction that we take great pleasure in giving you an order for another large one for our West Madison street establishment. Your refrigerator has been put to a thorough test in every respect and we find that we have not used as much ice to operate this box as we did for the smaller one and believe it has paid for itself already. It keeps stock fresh longer than any refrigerator we have ever used and the fact that we have given you this second order will prove that we are certainly pleased with your first refrigerator.

Your refrigerator has improved the general appearance of our store to a great extent besides giving us almost triple space which is an item of much importance, especially during the holiday periods when every foot of available floor space is needed.

You may refer any prospective buyers to us and we will be pleased to state the facts just as we have found them and in closing we wish to mention that our dealings with your firm will make this a pleasure indeed.

Respectfully yours,
SCHILLER THE FLORIST.

George Asmus
Manager

NORTH STORE
4808 EVANSTON AVE
PHONE RAYMOND 7880

WEST STORE
2221-23 MADISON ST.
PHONE WEST 812

GREENHOUSES
IN CONNECTION WITH
BOTH STORES

Buchbinder Refrigerators are recognized as the best by leading Florists everywhere. During the past two years we have equipped more Chicago retail stores than all the rest of the manufacturers combined. Write for catalog and you will know the reason why.

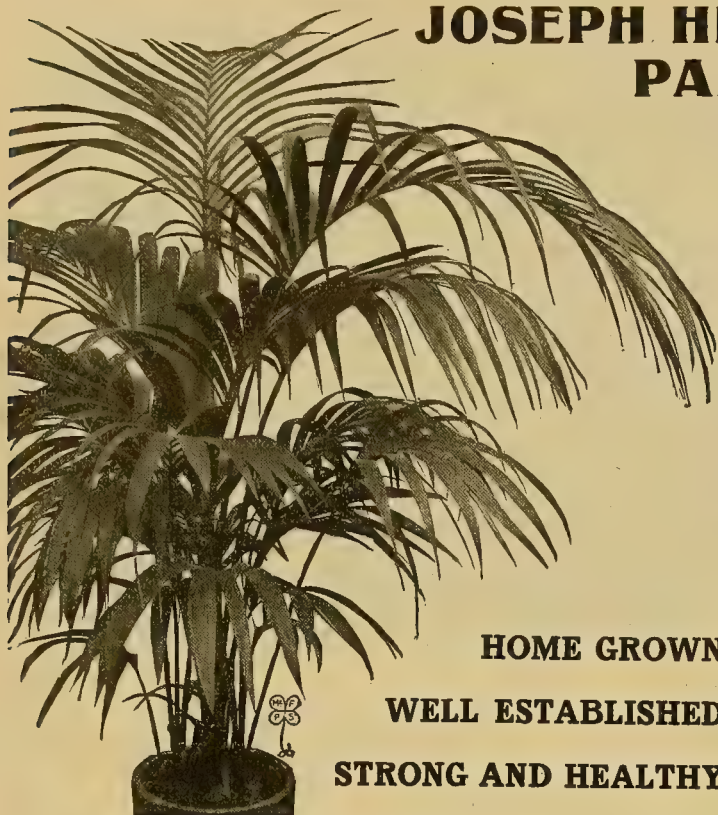
BUCHBINDER BROTHERS

MANUFACTURERS

518 MILWAUKEE AVENUE,

CHICAGO, ILL.

JOSEPH HEACOCK COMPANY'S PALMS AND FERNS



CIBOTIUM SCHEIDEL.

9-in. tubs, 4 ft. spread..... \$ 4.00
9-in. tubs, 5 ft. spread..... 5.00

HOME GROWN

WELL ESTABLISHED

STRONG AND HEALTHY

ARECA LUTESCENS.

In. high Each
6-in. pot, 3 plants in pot....24-30 \$1.00

COCOS WEDDELLIANA.

In. high Per doz. Per 100
2½-in. pot 6-8 \$ 1.50 \$12.00
2½-in. pot 10-12 2.25 18.00

KENTIA BELMOREANA.

Leaves In. high Each Per doz.
2½-in. pot 4 8-10 \$ 1.50
3-in. pot 5 12 2.50
4-in. pot 5-6 1545 5.00
5-in. pot 6-7 18-2075 9.00
6-in. pot 6-7 22-24 1.00 12.00
6-in. pot 6-7 26-28 1.50 18.00
6-in. pot 6-7 30 2.00 24.00
7-in. cedar tub. 6-7 34-36 3.00 36.00
7-in. cedar tub. 6-7 38-40 4.00 48.00
9-in. cedar tub. 6-7 40-42 5.00 60.00
9-in. cedar tub. 6-7 48-54 7.50

Ready Oct. 15

9-in. cedar tub. 6-7 5-5½ ft. 10.00

KENTIA FORSTERIANA.

Leaves In. high Each Per doz.
6-in. pot 5-6 24 1.00 12.00
6-in. pot 5-6 30-32 1.50 18.00

KENTIA FORSTERIANA, Made-Up.

In. high Each
7-in. cedar tub, 4 plants in tub. 30-36 \$ 3.00
7-in. cedar tub, 4 plants in tub. 38-40 4.00
9-in. cedar tub, 4 plants in tub. 40-42 5.00
9-in. cedar tub, 4 plants in tub. 42-48 6.00

Ft. high

9-in. cedar tub, 4 plants in tub. 4-4½ 7.50

Ready Oct. 15.

12-in. cedar tub, 4 plants in tub. 5 10.00
12-in. cedar tub, 4 plants in tub. 5-5½ 12.00
12-in. cedar tub, 4 plants in tub. 5½-6 15.00
12-in. cedar tub, 4 plants in tub. 6-7 18.00
12-in. cedar tub, 5 plants in tub. 7-8 22.00

JOSEPH HEACOCK CO.,

Railway Station,
Jenkintown.

Wyncote, Pa.

Montreal.

HORTICULTURAL SOCIETY EXHIBITION.

Montreal and suburbs in the past few weeks have been busy with their annual fall horticultural exhibitions. Horticultural societies are springing up as fast as mushrooms and their life habit is very much like them, for they seem only to come to life during September and the rest of the year are forgotten. The center of interest was the exhibition held by the Montreal Horticultural Society. This society boasts of being the second oldest on this continent. This year's show was very much along the lines of former ones. A special feature was a cypripedium in bloom. Very few gardeners had ever seen one before. The city gardeners who exhibited it also had a large group of well grown foliage and flowering plants on exhibit. A. Gibb, the city's decorator, scored a special prize. Other large exhibitors were: W. J. Wilshire, gardener to R. B. Angus; R. Miller, gardener to Town of Montreal West; Hall & Robinson, R. Burrows, I. Morreau, Jack & Son, J. J. Trevis, J. Schnebly, J. Watson, W. J. Hughes, Dorval Gardens, Macdonald College. W. J. Wilshire scored high in plants, Hall & Robinson in cut flowers and made-up work, also in mantel and table decorations, I. Morreau in vegetables.

NOTES.

Outdoor flowers are better than they have been since June; no frost so far has touched us. Asters have been bad all summer, but are fairly good just now. It has been a good season for melons, cucumbers and tomatoes. Cut flowers are still very scarce and of low grade. Chrysanthemums are making their appearance, but not in enough quantity to help us out greatly. The retail stores have had heavy

Beechwood Heights Nurseries

THOMAS YOUNG, Jr., Proprietor

BOUND BROOK, - N. J.

Cut Flowers of all the leading varieties of

Orchids in their Season

also

Gardenias and Roses

Telephone, Bound Brook 74

Mention the American Florist when writing

funeral work at times, for which it was often difficult to find enough flowers.

Victor Cardinal has finished boxing 150,000 bulbs and is busy potting 600 cherries for Christmas. A batch of 5,000 hydrangeas in pots in the field look just like so many dollars. These will be forced for Easter.

V. F. Nelson is building a house 25x100 feet for tomatoes and bedding plants.

E. J. Hayward is building a house 25 by 125 feet for ferns.

J. L.

NEWARK, N. J.—The Colonial Flower Shop has been succeeded by The Rose Shop, with Howard Silcock as manager.

PEEKSKILL, N. Y.—Two houses, each 25x150 feet, Lord & Burnham construction, are being erected by Chas. E. Robinson.

SYRACUSE, N. Y.—Harold Brown and Charles Bourne, both well known to the trade here have formed a partnership and will open a flower shop in this city in the near future.

Mammoth Auction Sales

10 O'CLOCK A. M.

On Tuesday, Oct. 3rd and Friday, Oct. 6th
of Palms, Ferns, Dracaenas, Rubbers, Etc.

ALSO MAMMOTH SHIPMENTS OF

Dutch and French Grown Bulbs

To be offered in lots to suit the large and small buyer.

SEND FOR WEEKLY CATALOGUE.

The MacNiff Horticultural Co.

52 to 56 Vesey Street, NEW YORK

The Largest Horticultural Salesrooms in the World

Field Grown Carnation Plants

PINK ENCHANTRESS

\$5.00 per 100, \$40.00 per 1000

Fine stock.

Des Plaines Floral Co.

Des Plaines, Ill

Salt Lake, Utah.

Business has been somewhat quiet in this city for the past 60 days, but is now improving, as the best flower buyers who have been away during the summer have nearly all returned and are settled down for the winter. Stock is not very plentiful at this writing, as the heavy rains have destroyed most of the outdoor varieties. There are practically no carnations and no local chrysanthemums, what are seen being California grown. All indications point to a good season's business.

W. T. Gray is specializing on fancy plants for the Christmas and Easter markets.

The Miller Floral Co. is cutting good roses.

D. E. L.

LAKE GENEVA, WIS.—The fine country home of the late J. H. Moore is to be closed for the present.

Seasonable Stock

ASPARAGUS PLUMOSUS, 2¼ in., \$3.00 per 100; 3 in., \$6.00 per 100.

ASPARAGUS SPRENGERI, 2¼ in., \$3.00 per 100; 3 in., \$5.00 per 100; 4 in. at \$10.00 per 100.

BOUGAINVILLEA SANDERIANA—The finest we ever grew. Trimmed plants, 3 in., \$10.00 per 100; 4 in., \$15.00 per 100; 5 in., \$25.00 per 100.

FERN DISH FERNS, 2½ in. The best sorts, \$3.00 per 100.

FRENCH HYDRANGEAS, heavy, well-grown field plants with 12 to 18 shoots, ready for 7 to 8 in. pots. Pronounced grand by all visiting florists. Bouquet Rose, Vicomtesse de Vibraye, Lily Mouliere, Radiant, \$7.00 per dozen—\$50.00 per 100.

KENTIA PALMS, 4 inch pots, 15 to 18 inches high, 5 leaves, \$40.00 per 100; 5 inch pots, 18 to 24 in., 5 to 6 leaves, \$1.00 each.

CANTERBURY BELLS, (Campanula Media) fine field plants for potting for spring sales, ready for 5 inch pots. Blue, Rose and White, \$6.00 per 100.

FUNKIA NUDULATA VARIEGATA—A good seller from pots in early spring. Ready for 4 inch pots, \$6.00 per 100.

THE STORRS & HARRISON CO., Painesville, Ohio

Mention the American Florist when writing

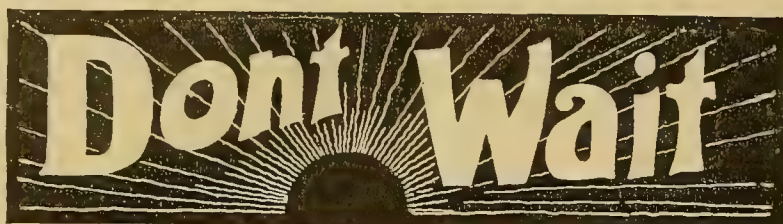
Last Call For Field-Grown Carnation Plants

Clean, bushy stock in the following varieties:

Light Pink Enchantress, White Perfection, Winsor and Scarlet Glow,
\$4.50 per 100; \$40.00 per 1000. Order before it is too late.

J. A. BUDLONG, 184 N. Wabash Ave., Chicago

TRADE DIRECTORY For 1916 Now Ready
Price \$3.00.



Don't let your competitor win the race for profits. Don't let another man get a head start. The first rule of the game of business is, DO IT NOW. POEHLMANN'S FLOWERS ALWAYS WIN THE GOAL.

Take advantage of the increased supply of Roses--Stock
WILD SMILAX--LEUCOTHOE SPRAYS--BOXWOOD
FINE CATTLEYS--MINIATURE ROSES--BEAUTIES

CURRENT PRICE LIST—In Effect Now.

AMERICAN BEAUTIES.	
Long	Per doz. \$4.00 to \$5.00
30-inch	3.00
24-inch	2.50
20-inch	2.00
Short, per 100	\$4.00, \$6.00, \$8.00, \$10.00.

OPHELIA, RICHMOND, MILADY, SUNBURST,
KILLARNEY BRILLIANT, KILLARNEY,
WHITE KILLARNEY, WARD.

Long	Per 100 \$8.00
Medium	\$4.00 to 6.00
Short	3.00

MRS. CHAS. RUSSELL.	
36 inches long	Per 100 \$20.00
30 inches long	18.00
24 inches long	15.00
18 to 20 inches long	12.00
14 to 16 inches long	8.00
Short	\$4.00 to 6.00

MINIATURE ROSES.

Cecile Brunner	per 100, \$2.00
Fireflame	per 100, 2.00
Baby Doll	per 100, 2.00
George Elgar	per 100, 2.00

MISCELLANEOUS CUT FLOWERS. Per doz. \$
Lilies \$
Chrysanthemums—Golden Glow... Per doz., \$
Gypsophila \$1.00 per b
CATTLEYS \$10.00 to \$
VALLEY \$4.00, \$5.00, \$6.00 per

GREEN GOODS.

Mexican Ivy	Per doz., \$2.00 to
Smilax	1.00 to
Sprenger and Asparagus Sprays	\$2.00 to
Adiantum	1.00 to
Galax (bronze and green)	per 1,000 \$1.50
New flat ferns	per 1,000 2.00
Wild smilax	per case 6.00
Boxwood	.25c per bunch, per case 7.50



SUPPLY DEPARTMENT.

WREATHS

made on mossed frames at prices that will save you time and money.

Send for a Special Trial Assortment Wreaths at \$15.00 per dozen which we will guarantee to please the most critical and exacting buyer.

Cycas Leaves

Magnolia Leaves

Artificial Flowers

Prepared Oak in Short Spray

Write Us For Prices Before Placing Your Order Elsewhere

POEHLMAN

72-74 E. Randolph St.,

Kentias Western Kentias Headquarters

Largest and most complete stock offered in the West, in a healthy, strong and clean condition.

BELMOREANA SINGLE PLANTS.

¼ inch pots, \$1.50 per dozen; \$10.00 per 100;
\$90.00 per 1,000.

Leaves	Each.
4 inch pots 5-6 16-18 inch high.....	\$0.40
\$4.50 per dozen; \$35.00 per 100.	Each.
6 inch pots 6-7 24 inch high.....	1.00
6 inch pots 6-7 28-30 inch high.....	1.50
9 inch tubs 6-7 42-44 heavy.....	5.00
0 inch tubs 6-7 50-54 heavy.....	7.00
Specimen plants, \$80.00-\$75.00.	

FORSTERIANA SINGLE PLANTS.

Leaves	Each.
4 inch pots 5-6 18 inch high.....	\$0.40
\$4.50 per dozen; \$35.00 per 100.	Each.
6 inch pots 6-7 28-30 inch high.....	1.00
6 inch pots 6-7 34 inch high.....	1.50
6 inch pots 6-7 34-36 inch high.....	2.00
8 inch tubs 6-7 40-42 inch high.....	3.00
8 inch tubs 6-7 42-46 inch high.....	3.50
8 inch tubs 6-7 50-52 inch high.....	5.00
9 inch tubs 6-7 54 inch heavy.....	6.00
9 inch tubs 6-7 60 inch heavy.....	7.00
10 inch tubs 6-7 5-5½ ft.....	8.00
10 inch tubs 6-7 5½-6 ft.....	12.00
15 inch tubs 6-7 8-8½ ft. heavy.....	40.00
15 inch tubs 6-7 9-10 ft. heavy.....	50.00



FORSTERIANA MADE UP PLANTS.

Plants	Each.
6 inch pots 3 24 inch high.....	\$1.50
7 inch tubs 3 30-32 inch high.....	2.50
8 inch tubs 3 38-42 inch high.....	3.50
8 inch tubs 4 48-52 inch high.....	5.00
8 inch tubs 4 52-54 inch high.....	6.00
10 inch tubs 4 54-60 inch high.....	8.00
12 inch tubs 4 60 inch high.....	10.00
12 inch tubs 4 62-66 inch high.....	12.00
12 inch tubs 4 66-70 inch high.....	15.00
15 inch tubs 4 6-6½ ft. heavy.....	25.00
15 inch tubs 4 75-80 in. heavy.....	\$25@30

ARECA LUTESCENS.

ARECA LUTESCENS,		Each.
6 inch pots, 4 plants, 24 inch high.....		\$1.00

ASPIDISTRAS.

5 inch Aspidistra green 10-12 leaves.....	1.00
6 inch Aspidistra green 15-17 leaves.....	1.50
5 inch Aspidistra var. 7 leaves.....	1.00
5 inch Aspidistra var. 10-12 leaves.....	1.50

PHOENIX ROEBELENII.

3 inch pots.....	\$3.50 per doz.
6 inch pots, 18 inch high, 24 inch spread..	\$2.00 Each.
10 inch tubs, 35 inch high, 46 inch spread..	7.50

Grafted and Own Root Rose Plants

Grafted, 3½-inch Stock.
\$140.00 per 1000.

0 Pink Killarney	600 Old Gold
0 White Killarney	350 Brilliant
0 Scott Key	900 Elgar

Grafted, 2½-inch Stock.
\$100.00 per 1000.

3900 White Killarney

Own Root, 3½-inch Stock.
\$96.70 per 1000.

400 Pink Killarney	800 Elgar
500 White Killarney	1625 Richmond
197 Old Gold	

CALADIUMS

Finest fancy leaved varieties, 50c and 75c each.

egonia Chatelaine, 2¾-in., per 100, \$	3.50
3-in.....	8.00
4-in.....	15.00
5-in.....each,	25c.

pleus Emperor Wilhelm, 3-in., 8c each;
4-in., 15c each; 5-in., at 25c to 35c each.
rotons, 4-in., 40 cents each; 6-in., 75c
and \$1.00 each.

Cyclamen Seedlings, \$40.00 per 1000.

The New Fern John Wanamaker, 6-in., at
75c each.

Boston Ferns, 5-in., 40c each.

Table Ferns, 2¼-in., \$3.00 per 100.

BOXWOODS

15-in. in burlap.....	40c each
18-in. in burlap.....	50c each

N BROS. CO.

Long Distance Phone,
Randolph 35. CHICAGO, ILL.

Choice Shipping Roses

We cut our flowers tight in the bud as the majority of our trade is shipping. Flowers that are sold mostly to the city trade are allowed to open more than for the shipping trade.

NEW BEAUTIES--A very large cut now on of short and medium stems.

Good Shipping Stock.

Rhea Reid—Best red rose.

Mrs. Russell—Best pink rose.

Sunburst—Best yellow rose.

Double White Killarney—Best white rose.

Ophelia and **Shawyer**—Are also two good pink roses for present use.

These in addition to the regular varieties of Roses we are receiving in large quantities direct from our greenhouses within a few hours of being cut, enable us to fill all orders with strictly fresh stock. This is the great advantage of buying direct of the grower. Order here.

CURRENT PRICE LIST

American Beauties	Per doz.
Specials, extra long stems.....	\$4.00
30 to 36-inch stems.....	3.00
Medium stems.....	\$1.00 to 2.00
Shorter lengths.....	.75

Hoosier Beauty, Rhea Reid, Ophelia, Sunburst, Shawyer.

	Per 100
Extra long.....	\$8.00 to \$10.00
Good medium.....	5.00 to 6.00
Short.....	3.00 to 4.00

Richmond, White and Pink Killarney Killarney Brilliant

	per 100,	\$6.00
Long.....	"	\$4.00 to 5.00
Medium.....	"	3.00
Short.....	"	

ROSES, our selection, in lots of 300 or more at the rate of \$25.00 per 1000.

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN

LONG DISTANCE PHONE:

CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

ROSES ARE MORE PLENTIFUL.

Roses are gradually becoming more plentiful but there are just about enough to go around and are selling well at good prices. The quality of the roses in general is showing a great improvement and some particularly fine Mrs. Chas. Russell and American Beauty are being offered. Richmond, Rhea Reid, Milady, Hoosier Beauty, Hadley, Sunburst, Mrs. Aaron Ward, Ophelia, Killarney, White Killarney, Double White Killarney, Killarney Brilliant, My Maryland, Hearst, Mrs. George Shawyer, Prince de Bulgarie, Mrs. Moorfield Storey, Champ Weiland, Lady Alice Stanley, Tipperary, Frances Scott Key and Bayard Thayer are arriving in splendid condition and so are the miniature roses, Cecile Brunner, George Elgar, Baby Doll and Fireflame. Chrysanthemums are arriving in larger quantities and are selling well at good prices with no surplus when the stores close for the day. Orchids are a trifle more plentiful but the supply of lily of the valley is none too large. Carnations are becoming a factor in the market, but the supply as yet is limited and the quality of the

stock offered is not what one usually finds in the market at this time of the year. A few asters, gladioli and other miscellaneous outdoor flowers are still arriving but the condition of the stock plainly shows that they are the tail end of the crop. Lilies are good property and bring high prices. Green goods of all kinds are plentiful. Boxwood and wild smilax are arriving in larger supply and are having a good call. The retail florists report a big improvement in trade the past week after a very quiet period and everyone is looking forward toward a brisk fall season. The supply houses have been unusually busy and are already displaying their holiday goods. All the wholesale stores will be open until six o'clock again starting next Monday, October 2, and until noon on Sundays as in the past.


NOTES.

Poehlmann Bros. Co. is offering a fine supply of roses in all the leading varieties, particularly Mrs. Chas. Russell and American Beauty. The visitors to the annual convention of the Vegetable Growers' Association of America visited this firm's greenhouses

Mrs. Chas. Russell.	Per 100
Special.....	\$12.00 to \$15.00
Long.....	10.00
Medium.....	8.00
Short.....	4.00 to 6.00

Cecile Brunner..... per 100, 1.50

CARNATIONS, indoor grown....per 100, 3.00

 **Asters at Market Prices.**

LILY OF THE VALLEY.....\$5.00 to 6.00

ASPARAGUS SPRAYS and SPRENGER.. 2.00 to 3.00

FERNS, new.....per 100, 20 cents; in lots of 1000 or more, \$1.50 per 1000.

ADIANTUM..... 1.00

GALAX, bronze and green....per 1000, \$1.25 to \$1.50

BARGAINS.

CHIFFONS

Plain edge, 4-inch Chiffon, 3½¢ per yd.
Plain edge, 6-inch Chiffon, 4½¢ per yd.
Colors: White, Deep Pink, Purple, Dark Violet, Crimson Red.
Prices are for 100-piece lots including all colors and both widths.

No. 2—SHOWER GAUZE.

For bridal work by box of 60 pieces—10 yd. bolt (only sold in 5 box lots) 15¢ per bolt, or in 50 yard rolls, 5 box lots, 75¢ per roll.
These prices are good only until present shipment is disposed of. Order early. First come, first served.

AMERICAN BULB CO.,

178 N. Wabash Avenue, CHICAGO

at Morton Grove, Wednesday, September 27, which was one of the features on the tour of inspection. Tim Waters, manager of the supply department, has returned from a business trip in the east, especially Philadelphia, and is back on duty again.

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St., Long Distance { Central 2846, 601, CHICAGO
Phones: { " 601,

LARGE QUANTITIES

BEAUTIES-OPHELIA-RUSSELL

Sunburst, Killarney, White Killarney, Champ Weiland,
Milady and other Roses mentioned in the price list below.

Fancy Lilies, Asters, Gladioli, Valley and Complete Line of Greens.

Current Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems	\$4.00
36 to 48-inch stems	3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.00
Short .....	.75

Richmond.....
Killarney.....
White Killarney.....
My Maryland.....
Sunburst.....
Ophelia.....
Milady.....
Champ Weiland.....

	Per 100
Extra select	\$8.00
Select	6.00
Medium	5.00
Short	4.00

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$2.00
Select	1.50
Medium	1.00
Short	\$.50 to .75

Per 100

Roses, our selection.....	\$ 3.00
Carnations	2.00 to 3.00
Chrysanthemums	per doz., 2.00 to 4.00
Harisil	10.00 to 12.50
Valley	4.00 to 5.00
Adiantum	1.00
Asparagus, per bunch .....	.50 to .75
Ferns, per 1,000	\$2.00

2,000,000 Feet of Modern Glass

Wietor Bros. are cutting a fine supply of American Beauty roses, which continue to be in brisk demand and clean up nicely each day. The firm is well satisfied with business and is having no trouble in disposing of all the stock that it has to offer.

J. A. Budlong is showing a most complete line of roses, which consists of practically every variety grown in this vicinity for the local market. The shipping trade is brisk at this establishment and a daily cleanup in stock is reported.

Frank Johnson and Ed. Galavan, of the A. L. Randall Co., are back from a business trip to New York. Mr. Johnson reports a brisk demand for Randall's electric window fountain and says that 17 were sold in one day this week.

Eric Johnson, manager of the A. L. Randall Co.'s cut flower department, reports business as good and that three of the firm's largest growers are in fine crop with roses, particularly Mrs. Chas. Russell.

Emil Nelson, of Morton Grove, is shipping an unusually fine grade of Richmond roses with heads as large as those of Milady to John Kruchten & Co., where they are attracting much attention.

Paul Klingsporn, manager of the Chicago Flower Growers' Association, had a pleasant visit this week from his old friend, Ed. Reid, of Philadelphia, who is making a visit to his farm in Minnesota.

Bernie A. Zalinger, 175 West Jackson boulevard, had the decorations for Mandel Bros.' fall opening this week, in which American Beauty and Mrs. Chas. Russell roses played an important part.

A. L. Vaughan & Co. report that American Beauty roses are in better

ATTENTION!

GROWERS OF CARNATIONS

PRODUCERS of high grade Carnations will find it to their advantage to consign their stock to us for we have a good market for same and need a larger regular supply. If you grow any other miscellaneous stock along with your Carnations, you may ship it to us also. You may start shipping immediately or as soon as your stock is ready to cut. Come in and talk it over with us.

J. A. BUDLONG

WHOLESALE FLORIST

184 N. Wabash Avenue,

CHICAGO, ILL.

crop with their growers and the receipts have been correspondingly heavy with plenty to go around in all grades.

O. A. & L. A. Tonner's store is receiving a new coat of paint and when Henry Arnold finishes the job everything will be in readiness for a brisk fall season.

Nick Korson has sold his store at 7 West Monroe street to Nick Speropoulos, who conducts the Wabash Flower Market, at 106 South Wabash avenue.

W. H. Kidwell & Son have a fine stock of Boston ferns and report a splendid demand for same.

Kyle & Foerster are handling wild smilax in quantity again this season, together with other greens and a complete line of cut flowers.

R. J. Mohr, formerly manager at A. Lange's, 25 East Madison street store, is filling a similar position with A. T. Pyfer & Co.

John Kruchten & Co. are busy bunching their first large shipment of boxwood this season.

H. Jacobson has opened a new store at 955 East Fifty-fifth street.

Ed. Galvin has joined the force of the George Fisher Co.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

We are now cutting heavily in Ophelia and other roses of unsurpassed quality and can take splendid care of you in what you need in this line.

Current Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.		Per doz.	RICHMOND		Per 100	GEORGE ELGAR		35c per bunch
Long stems	.....	\$5.00	Extra Special	.....	\$7.00	ROSES, OUR SELECTION,	\$3.00 PER 100.	
36-inch stems	.....	4.00	Select	.....	6.00	LILIES.	Per 100	
30-inch stems	.....	3.00	Fancy	.....	5.00	Fancy	.....	\$10.00 to \$12.50
24-inch stems	.....	2.50	Medium	.....	4.00	Miscellaneous,		
18-inch stems	.....	2.00	Short	.....	3.00	Ferns, per 1,000	.....	2.00 to 2.50
12-inch stems	.....	1.50	OPHELIA.	Per 100		Smilax, per doz.	.....	2.00
White—KILLARNEY—Pink.	Per 100		Extra Special	.....	\$7.00	Adiantum	.....	1.00
Extra Special	.....	\$7.00	Select	.....	6.00	Sprengeri, per bunch	.....	.50
Select	.....	6.00	Fancy	.....	5.00	Asparagus Sprays, bunch	.....	.50
Fancy	.....	5.00	Good	.....	3.00	Other Green Goods Market Rates.		
Medium	.....	4.00	SUNBURST.	Per 100				
Short	.....	3.00	Extra Special	.....	\$7.00			
			Select	.....	6.00			
			Fancy	.....	5.00			
			Good	.....	3.00			

The annual convention of the Vegetable Growers' Association of America now being held at the Hotel LaSalle is well attended and the trade exhibit is the largest in the history of the organization with every foot of space sold. The greenhouse manufacturers and allied trade lines are nearly all represented and a cordial invitation is extended to everyone in the trade to come and inspect their exhibits, which are on display in the roof garden of the hotel. The convention is a great success socially and financially and the local committee deserves many thanks for the efficient manner in which they handled the convention from the start.

The Hansell Grate Company, 654 Railway Exchange building, is making a strong bid for business in this territory and have a fine grate which can be repaired without dumping fire and it is impossible to burn it out. Peter Reinberg has 17 of the Hansell grates in operation and is more than pleased with them.

A. F. Amling Co.'s new range of houses at Maywood, consisting of 275,000 square feet of glass and built by the American Greenhouse Manufacturing Co., is completed and steam was turned on for the first time September 25. This place is heated by Kroeschell boilers.

Bassett & Washburn are cutting over 2,000 American Beauty roses a day, but at that they have barely enough to go around. Mr. Washburn is well pleased with business and says that stock in general is in big demand with a shortage in almost all lines.

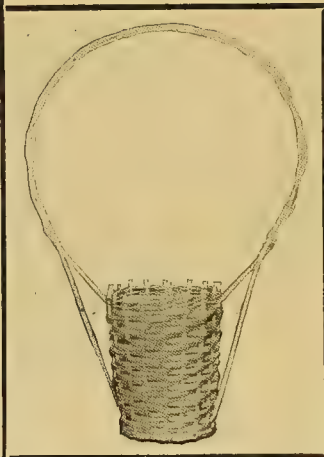
Zech & Mann are offering a good supply of chrysanthemums and Mrs. Chas. Russell roses, which are bringing good prices and are none too plentiful. Allie Zech reports that business is very brisk, especially the shipping trade.

Vaughan's Seed Store has handled six carloads of French, Dutch, Japanese and China stocks this week, all arriving in a heap, which ordinarily are spread over a month or more. Four more cars are due this week.

Peter Reinberg has had a splendid week's business with a complete clean-up in stock every day. They are in good crop with roses and are cutting heavily in American Beauty, Milady and Mrs. Chas. Russell.

Art Christianson, with Paul Blome & Co., 1361 North Clark street, and J.

THREE BIG BARGAINS



25 SMALL CUT
FLOWER BASKETS, \$7.50
Suitable for pompons, etc.

25 MEDIUM CUT
FLOWER BASKETS, \$15.00
Suitable for roses, carnations, etc.

25 LARGE CUT
FLOWER BASKETS, \$19.00
Suitable for American Beauty and Mrs. Chas. Russell roses, chrysanthemums and other long stemmed cut flowers.

Order as early as possible so as to avoid any possible delay in shipment. Wire in your order today and we will send it out on the next train. Hurry!

Send for our latest Catalog—just off the press.
You need it—a postal will do.

RAEDLEIN BASKET CO.

713 Milwaukee Avenue,

CHICAGO

A. Sikuta, 3947 West Twelfth street, are serving on the jury.

Hoerber Bros. are coming in good crop with roses and are showing fine Hoosier Beauty in addition to all the other leading varieties.

F. Knaflewski, 4543 South Ashland avenue, reports a great improvement in business since he moved into his present quarters.

Chas. Bloom left September 23 to take charge of the new store he is opening at 325 South Second street, Clinton, Ia.

The Chicago Florists' Club will meet at the Hotel Morrison next Thursday evening, October 5, at 8 o'clock.

Paul M. Palez, Little Rock, Ark., was here this week buying supplies for the fall and winter season.

Miss Ludlow, of Vaughan's Seed Store flower seed department, is spending her vacation in the east.

George Maunz, representing Reed & Keller, New York, called on the trade here this week.

Ernest Farley, formerly with A. T. Pyfer & Co., is now with Percy Jones.

Visitors: F. H. Mazey, Minneapolis, Minn.; A. Forder, Cincinnati, O.; J. E. Jones and R. E. Jones, representing the Advance Co., Richmond, Ind.; Chas. Nieman, Philadelphia, Pa.

HARTFORD, CONN.—A new heating system is being installed at the range of Otto Keser.

BOSTON, MASS.—The employees of R. & J. Farquhar & Co.'s establishments in this city and Dedham enjoyed their first outing at Wellesley, September 16, the party numbering about 100, going in special cars. The affair was most enjoyable and will become an annual event.



You can get the best Beauties in this market from us. Large supply of choice stock in all lengths, so order what you need from us immediately.

CURRENT PRICE LIST—Subject to Change Without Notice.

Beauties.	Per doz.
Long stems	\$3.00 to \$4.00
30 to 36-inch stems	2.50
20 to 24-inch stems	1.50 to 2.00
15 to 18-inch stems	1.00
12-inch stems .....	.75

Mrs. Chas. Russell.

	Per 100
Extra fancy	\$15.00 to \$20.00
Good medium	10.00 to 12.00
Good short	4.00 to 6.00

Roses.

Ophelia, fancy	\$8.00 to \$10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00

	Per 100	\$
Richmond, fancy	8.00	
" good	\$5.00 to 6.00	
" short	2.00 to 4.00	
White Killarney, fancy	8.00	
" good	5.00 to 6.00	
" short	2.00 to 4.00	
Ward, fancy	8.00	
" good	5.00 to 6.00	
" short	2.00 to 4.00	
Sunburst, fancy	8.00	
" good	5.00 to 6.00	
" short	2.00 to 4.00	
Killarney Brilliant, fancy	8.00	
" good	5.00 to 6.00	
" short	2.00 to 4.00	
Roses, our selection	3.00	

Carnations.

	Per 100	\$
Special fancy	3.00	
Good	\$1.50 to 2.00	

Miscellaneous.

	Per 100
Easter Lilies, select	\$10.00 to \$12.50
Orchids, Cattleyas, per doz... ..	10.00 to 12.00
Valley	4.00 to 5.00
Chrysanthemums.....per doz.	2.00 to 4.00
Gladioli	2.00 to 6.00
Asters	2.00 to 4.00

Greens.

Asp. Plumosus.....per string,	\$0.50
Asp. Plumosus Sprays..bunch,	\$0.35 to .50
Sprengeri .....	.35 to .50
Adiantum	per 100, 1.00
Smilax, choice	per doz., 1.50 to 2.00
Fancy Ferns	per 1,000, 2.00 to 2.50
Galax Leaves	per 1,000, 1.00

A. L. VAUGHAN & Co.

NOT INC

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave, Chicago

Columbus.

TRADE AHEAD OF SEPTEMBER, 1915.

A surprisingly good September has been enjoyed by the local trade. Some stores have experienced increases from 50 to 70 per cent over the same month last year. This is attributed to no special cause other than the development of the public taste for flowers. Stock of all kinds is scarce. That year-around staple, the white lily, is nearer the famine point than within the memory of many florists. The supply has been drawn upon heavier than usual the past summer to meet the dearth of other flowers which were short crop because of unfavorable weather. Snapdragons have made their appearance during the past week, and bring from \$1.50 to \$2 a dozen. The first showing of white chrysanthemums is also a new feature. The blooms are small, at a selling price of \$3. Fine Golden Glows bring from \$3 to \$6. White and pink roses are plentiful, but there is a lean supply of red ones. Richmonds have not reached an attractive stage, although the outlook for a few weeks hence is good. An exception in the red rose displays is the American Beauty. Shipments received from northern Ohio are choice. Prices range from \$4 to \$8 a dozen. There are a few cuttings of very fine carnations, which are expected to soon replace the small, inferior blooms that have been on the market. They command 75 cents a dozen. Gladioli, asters and dahlias are fast disappearing. This is true of other garden flowers. Some florists have received a partial bulb supply, especially in Paper Whites, but Hol-

Wholesale Cut Flowers==Greens and Supplies

Prices cheerfully submitted on whatever you need upon request.

O. A. & L. A. Tonner

30 E. Randolph Street, Phone, CHICAGO, ILL.
Central 6284.

Mention the American Florist when writing

CHRYSANTHEMUMS WANTED

Can handle more stock to good advantage, so ship what you can to me. Checks weekly.

M. C. GUNTERBERG, 158 N. Wabash Ave., CHICAGO, ILL.

Mention the American Florist when writing

land stock is several weeks overdue, and the bulb trade is yet a small factor.

NOTES.

One of the fashionable florist shops has been receiving a limited amount of choice stock grown by Lincoln Kilbourne, a wealthy manufacturer, at his suburban place. Following a nervous breakdown a few years ago, he turned his attention to growing flowers as an interesting and healthful means of assisting nature in restoring his health, and has spared no expense in indulging this pastime. The commercial feature of it is merely incidental.

Further improvements have been made at the attractive store of the Munk Floral Company. They consist

of the building of a mezzanine floor for the accommodation of the offices, and the separation of the display quarters from the work department by ornate panelling.

A hail storm which swept over the city and vicinity on the evening of September 22 caused a scare to greenhouse owners. Some suffered small damage, but in no single instance did this amount to much of a loss in dollars and cents.

J.

WASHINGTON, D. C.—Wm. F. Gude returned this week from a visit to Commodore Westcott at Barnegat Bay, N. J., and reports a very enjoyable occasion.

Indianapolis.

BUSINESS EXCEPTIONALLY GOOD.

A banner week, considering the season, has just passed. The trade was good in all its branches—in fact, it was the best September week the florists can recall for many years. Numerous funerals have given business quite a boost. There has also been quite a few social functions taking place, such as afternoon clubs, announcement parties and dances. This week has also been one of fall openings—the large stores have been a bower of plants and cut flowers, each one trying to outdo the other. Cut-stock has been scarce in this locality. Roses are most in evidence—their quality is good with the prices ranging from \$2 to \$6 a hundred. American Beauty has stepped into prominence, bringing from 75c to \$4 a dozen. The market on lilies has been kept clean. Lily of the valley has received quite a call in spite of the price—\$6 per hundred sprays. Cattleya labiata have made their appearance and are welcome at \$6 a dozen. Chrysanthemums are becoming more plentiful in the following varieties: Golden Glow, Early Frost and Smith's Advance. Carnations are beginning to fill up a big gap in the market at \$1.50 to \$2 a hundred. A few gladioli are still to be had. Cosmos is poor and drags on the market, but asters and dahlias have completely dropped out of sight. Ferns, plumosus and Sprengerii, have been equal to the demand, but smilax is poor, suffering from the extremely hot summer. Pot plants have been in good demand with ferns taking the lead. The outlook for more stock and big business is exceptionally good in this locality.

NOTES.

Several new greenhouses have been erected here during the summer, namely: Bertermann Bros., 30x225; Wm. A. Glaubke, 20x125; Martin Brandlein, 22x120; Hartje & Elder, three houses, 27x150; Baur & Steinkamp, 18x100; Hepler & Mayer, 25x100.

The Indiana State Florists' Association's committee, composed of Joseph Hill, A. F. J. Baur and John Hartje, motored to Lafayette recently in search of information regarding the new experiments and outline of work at Purdue University for the coming year.

A new flower shop and greenhouse has been completed by Edwin Morner in Shelbyville. He was formerly with the E. G. Hill Floral Co., of this city, but has gone into business for himself. We extend to him our best wishes for success.

The Benson Floral Co. is under new management, having been taken over by R. D. Oilar, and in future will be known as the Benson-Oilar Co. It will be managed by Frank W. Ball, formerly with the Benson store.

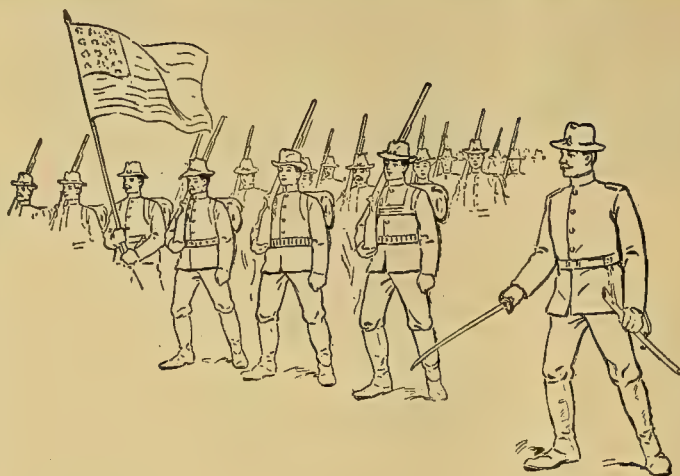
The Boney greenhouses, south of the city, recently used as vegetable growing houses, have been taken over by Chas. Boney, formerly with the Henry W. Rieman Co., for the purpose of growing flowers.

Leonard Elder recently met with an accident while fitting up his new greenhouses with steam. A wrench slipped, hitting Mr. Elder and injuring him in the chest. He is better now but still feels the effects.

Stephen Hitz has returned from a visit to his onion farm in northern Indiana, and with his brother, Charles, from Madison, Ind., has been visiting fellow-florists of this city.

Indiana florists are looking forward with delight to the next state florists' association meeting to be held at New Albany, Ind., and at Louisville with the Kentucky association.

Alterations, which give more store space and a fine, large window display on two streets, have been made at John Rieman's establishment.



COMING BACK

Our customers are all coming back to us this season. This is proof that our stock, prices, etc., are entirely satisfactory. With our increased supply of stock, we can add more customers to our list and still give everyone entire satisfaction. If you have not been a customer of ours in the past, why not begin now?

A. T. PYFER & CO.

WHOLESALE FLORISTS

30 East Randolph Street, CHICAGO, ILL.

Long Distance Telephone—Central 3373.

Mr. Junge and wife, and Carl Sonnenschmidt, of the Smith & Young Co., with Walter Bertermann, are touring northern Indiana and will spend a week at Lake Webster.

Several florists of this city are planning to attend the next meeting of the Florists' Telegraph Delivery to be held October 11-12 at the Hotel LaSalle, Chicago.

Bertermann Bros. Co. has two new storemen, Walter Burkley, formerly with E. A. Nelson, and Frank Liebling, late of the Roepke Floral Co.'s force.

The stork paid a visit to the home of Robert Fohl and left a 12½ pound baby girl, and the Fohls' happiness is now complete.

Robert Glaubke has left Wm. A. Glaubke, formerly Wm. A. Glaubke & Son, and is now selling the Smith Form-a-Truck.

John Chisholm, formerly with Bertermann Bros. Co., has taken a position with the E. G. Hill Floral Co., Cincinnati, O.

John Rieman has received many compliments upon the fine stock displayed in his new store front.

So far this month we have had three killing frosts, the earliest in the state in many years.

J. Michelson, manager of the E. C. Amling Co., Chicago, called on the trade recently.

Richard Kootz, formerly of this city, has opened a flower store in Cincinnati, O.

Visitors: Fred Longreen, Isaac Bayersdorfer, of Philadelphia, Pa.; Mr. Steddum, of Knightstown, Ind.; E. H. Ralston, of Kokomo, Ind.; Ira Clark,

of Greensburg, Ind.; Richard Kootz, of Cincinnati, O.; Edwin Morner, of Shelbyville, Ind., and D. E. Weller, Robert H. Green and Henry C. Kraft, of Louisville, Ky. M. E. T.

Springfield, Ill.

STATE FAIR FLORICULTURAL DISPLAY.

The display of flowers at the state fair which was held here September 15-23 was much smaller than in previous years, due possibly in a measure to the poor quality of many varieties of stock at this time of the year, but the reduction in the premium list last year also had its effect, and the displays of a number of the trade in the northern part of the state, which were a feature in past years, were conspicuous by their absence. It is to be regretted that the floricultural section is becoming smaller each year and in consequence is diminishing in popularity with visitors. Among the principal exhibitors were the following: Hembreiker & Cole, Janssen Seed & Floral Co., Geo. M. Brinkerhoff and Geo. J. Dinkel, all of this city; Gullett & Sons, Lincoln; A. T. Hey Floral Co., Maywood; Mrs. Etta Nott and Mrs. Coffey, Charleston, and L. A. Berry, Chicago. H. C. T.

ST. LOUIS, Mo.—The florists' club held its regular meeting at the Sanders Nurseries, September 14, at which time officers for the ensuing year were installed as follows: Jules Bourdet, president; A. H. Hummert, vice-president; J. J. Windler, secretary; W. C. Smith, treasurer; F. A. Windler, trustee.

WITH THE OPENING of the FALL SEASON

YOUR aim should be to furnish your customers with stock that will build up your trade. Give them the newest varieties there are in roses as well as all the best standard varieties. We are growing several new roses this season, which every up-to-date Retail Florist should not be without as they are business getters and money makers. To satisfy yourself on this score send us your orders for:

Mrs. Chas. Russell

Lady Alice Stanley

Mrs. W. R. Hearst
Ophelia

Sunburst

Milady

Mrs. Aaron Ward
Hoosier Beauty

Double White Killarney

Double Pink Killarney

Pink Killarney

Killarney Brilliant

MINIATURE NOVELTY ROSES

Cecile Brunner or Sweetheart—Baby Doll—George Elgar.

We never failed to take care of our customers during the extreme scarcity existing last spring. This year finds us situated better than ever to supply you, as we are receiving the output of several large new growers in this vicinity, together with the usual supply from our large range. Why not send your order to us where they are always sure to be taken care of?

VALLEY--LILIES

Our Blue Ribbon Brand speaks for itself.
Daily supply of Valley as well as Lilies.

CARNATIONS

We are getting in as good a grade as can be found in this market for this time of the season.

CHRYSANTHEMUMS—Can supply in Yellow varieties.

The Gladioli and Asters which we are offering are exceptionally fine in spite of the extremely dry and hot summer.

Why Not Use The Best For Your Trade?

You can increase your profits and business by sending all your orders direct to

**Quality
Speaks
Louder
Than
Prices.**

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

**ROSES, VALLEY
and CARNATIONS
A Specialty.....**

**WHOLESALE
Grower of**

CUT FLOWERS

**Prices
As
Low
As
Others.**

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Cincinnati.

STOCK IS SCARCE.

Stock has become rather scarce and the supply is hardly sufficient to take care of all needs. Besides the end of the aster and gladioli season, cool weather has served to check the supply to a considerable extent. The demand from out of town is very heavy. Roses are not very plentiful. American Beauty, however, is in a good supply. Carnations are meeting with a good demand. Easter lilies are in a good supply and sell well. A few rubrum lilies may be had. Dahlias clean up regularly. Other offerings include cosmos, a few sweet peas, chrysanthemums and snapdragon. Greens are plentiful.

NOTES.

E. G. Gillett and Wm. Mayhall, accompanied by their wives, motored to Springfield, Ohio, September 24. Mr. Gillett returned Monday morning while the balance of the party stayed over for the week.

The R. G. Kootz Floral Co. is ready

for the opening of their new flower store on Opera place, near Race street.

The Cincinnati Cut Flower Exchange has been having an excellent line of roses.

Frank Schneider has been sending some excellent cosmos to C. E. Critchell.

Thos. Windram leaves this week for Leesburg, Fla., for a protracted stay.

Visitors: Morris Grossburg, representing A. L. Vaughan & Co., Chicago; Frank Ball, Indianapolis, Ind.; Wm. Rodgers and W. G. Matthews, Dayton, Ohio, and J. T. Herdegen, Aurora, Ind. H.

Oklahoma City.

A very successful flower show was held September 22 by the State Civic Improvement Association. There were a great many entries from amateur growers and the quality of the exhibits was far superior to the displays seen a year ago. A flower parade was also held during the afternoon of the same day, but in this artificial flowers were the only kind used. Next year we ex-

pect to see automobiles in the parade decorated with real flowers.

The Stiles Co., along with plants and flowers, featured a stork, baby in a cradle, and numerous canary birds. Needless to say that the florists' windows for this fashion display are creating as much attention from the public as are the windows of any other line of business.

The state fair opened September 23 and "Fashion Week" was ushered in the day previous, consequently the city is crowded with visitors. Business of every description is good, the florists getting their full share.

Furrow & Co. have a charming show window with two electric fountains playing among the palms and cut flowers.

Visitor: J. W. Furrow, Guthrie, Okla. S. S. B.

AURORA, ILL.—The Aurora Greenhouse Co. has added two houses, each 30 x 150 feet, Moninger construction, which will be devoted to roses and carnations.

The Chicago Flower Growers Association



182 North Wabash Avenue L. D. Phone Randolph 631

CHICAGO

FINEST CUT FLOWERS IN THE CHICAGO MARKET.

Milady, Russell, Ward, Ophelia, Killarney and White Killarney roses, and All Other Seasonable Cut Flowers.

Kansas City, Mo.

BUSINESS ESPECIALLY GOOD.

While stock in some lines is shortening and in others becoming more plentiful, what there is on the market is on the good quality side. Business has been especially brisk, principally in decorations for social events and bouquets. Asters are practically off the market and gladioli are on the decline, but roses are improving both in numbers and quality, especially Russell, Ophelia and Killarney, while American Beauty is seen with better bud and longer stem. Lilies continue plentiful. California grown chrysanthemums are more plentiful and are wholesaling at \$3 per dozen. There has been much entertaining and a number of conventions during the present month calling for large quantities of decorative plants and cut flower work, and we are now winding up with a big fashion show, the bankers' convention and last but not least the live stock show which opens October 2.

NOTES.

Kansas City, Kan., had a very successful flower parade, September 23. 100 well decorated motor cars being entered and viewed by thousands. Before the pageant started Miss Elise Mosely, daughter of Mr. and Mrs. T. A. Mosely, the well known florists of that city, was crowned queen of the event by Mayor Green. Miss Mosely rode in a motor car decorated by her mother and which won first prize as the best decorated vehicle in the parade. The car was decorated with white flowers and ribbons.

Saturday, September 23, an amateur flower show was held at the Muehlebach hotel and proved a great success; in fact, one of the pleasing events of the season. The amateurs deserve all the encouragement and advice that it is possible for the local trade to give them, inasmuch as the florists themselves do not seem to have the backbone to get up a big fall show of their own.

Geo. M. Kellogg Flower & Plant Co. had a good run on city and out-of-town funeral work. They have a good many plants out on decorations. Mr. Parker, store manager, went to the greenhouses at Pleasant Hill, Mo., and reports every thing in great shape.

A. Newell reports the trade going good. He has had some good decoration orders during the bankers' convention. Mr. Newell and Samuel Murray were at Excelsior Springs for a few days.

The Alpha Floral Co. made large preparations for the fashion show and bankers' convention and it proved a big item with them in the decorative line.

T. J. Noll & Co. are handling a fine line of roses in Russell, Ophelia, Killarney and American Beauty. Lilies, smilax and lily of the valley are also good. Chrysanthemums are more plentiful.

W. J. Barnes put in the big decoration for the fashion show display at the Emery, Bird, Thayer store using decorative plants by the auto load.

The Wm. L. Rock Flower Co. put in a fashion show window prettily arranged in different ways, using coxcombs and ornamental grasses.

The store of Miss J. E. Murray was attractively decorated for "Fashion Week." She reports trade much improved.

H. Kusik & Co. have a fine supply of good stock. Supplies are moving well. E. J. B.

Pittsburgh.

COOL WEATHER ARRIVES.

We experienced cool weather during the past week with light frosts reported in some places. There has been an abundance of roses, especially the shorter grades, which causes them to be sold very cheaply. The longer stems are very good and sell readily. Asters are almost over for this year, although the crop was nothing like former years. Gladioli, lilies and dahlias are coming good, especially the dahlias, which are fine and sell at good prices. The demand for them is more than the supply. This flower increases more and more each year in popularity. It is wonderful the effect the retailer can derive from this beautiful fall flower. Some chrysanthemums are to be seen, but the demand is not enough to encourage the early varieties. We expect to have them with us in about another week. Most all the growers expect to cut carnations in about another week. They will be needed as all outdoor stock will be over. Greens are selling about the same as always with plenty to supply the demand.

NOTES.

The florists' and gardeners' club at its last meeting decided to observe its twenty-fifth anniversary with a banquet. The date will be selected later by the following committee: Gustave Ludwig, George W. Burke, Samuel McClements, B. L. Elliott, P. S. Randolph, J. W. Ludwig, E. C. Ludwig, Fred Burki, Aug. Frishkorn, Wm. Loew, J. F. Zimmermann and E. C. Reineman.

John Harris returned last week from Mt. Clemens, where he spent the last five weeks.

Visitors: Edw. Reid of Philadelphia, Pa.; Milton Alexander of New York. G. M.

Englewood, N. J.

Englewood is one of the many cities and towns of New Jersey where the "oldest inhabitant" takes pride in showing the visitor houses that were erected more than 100 years ago, and some of them look as though they might last for another hundred. It will be understood that such houses are exceptions, or landmarks, showing that the pioneers had among them men of brains. The Englewood of today is a flourishing city and has a thrifty population.

There are four florists who do a considerable retail business in connection with growing. The McQuaid Brothers are growers, and also have a fine retail trade. They grow roses, carnations, chrysanthemums and are now cutting fine asters for their decorative work. They keep on hand fine palms and other foliage plants. Their retail business calls for a large amount of cut stock and Grant McQuaid is a familiar figure in the wholesale district of New York. He and his brother are to the manor born, their father having established the business almost 40 years ago. Grant McQuaid has a fine home and family, and he and his estimable wife are the souls of hospitality. The other member of the firm is also a fine fellow, but unfortunately he is a bachelor.

NOTES.

John Lange's range is well built and noteworthy for the fine condition of his stock of which he produces a variety. He grows Ophelia, Ward and other roses, all of which are doing well. His carnations are exceptionally good. Forget-me-nots are usually plentiful in the spring, but are not so often seen at this season. He has a large number of plants now coming into bloom and says that it pays to grow them.

Alexander Donaldson, who this year leased the Lydecker range, has good crops of chrysanthemums and carnations coming on, having five houses 25x125 feet each. He also has two houses of lilies, one house being now in crop. At present he is cutting good stock of the chrysanthemum, Early Frost, and has large stocks of Englehart, Halliday, Bonaffon and other good varieties coming on.

Hunter & Son have a neat range and grow a variety of stock for their retail trade. This season, for the first time, they planted one house with roses, which are doing well. They also have good chrysanthemums and carnations. In addition to much other outdoor stock, we noticed a fine dark red dahlia of California origin. John M. Hunter, the founder of this firm, now lives in California.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

The Largest, Best Equipped,
Most Centrally LocatedWHOLESALE
CUT FLOWER HOUSE
IN CHICAGO

174-6 N. Wabash Ave., CHICAGO

L. D. Phones
CENTRAL 1977 and 1978.

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

HOERBER BROS.

Wholesale Cut Flowers
Growers of

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave., Chicago

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.Wholesale Cut Flowers,
Florists' Supplies.

Mention the American Florist when writing

Edward G. Burrows has a neat retail store in Depot Square and is doing a good business. His father has a range of 25,000 square feet of glass in Tenafla, a neighboring town. At his store we noticed good roses that had been grown at the Asmus range in Gloster, N. J.

A. F. F.

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST. Per doz.

Roses, Beauty, specials	\$4 00
" " 36-in.	3 00
" " 30-in.	2 50
" " 24-in.	2 00
" " 20-in.	1 50
" " 18-in.	1 00
short.....per 100, \$4 00@ 6 00	
Per 100	
Mrs. Chas. Russell.....	\$4 00@15 00
Hoosier Beauty.....	4 00@10 00
Killarney Brilliant.....	3 00@10 00
Killarney.....	3 00@10 00
White Killarney.....	3 00@10 00
Richmond.....	3 00@10 00
Prince de Bulgarie.....	3 00@10 00
Rhea Reid.....	3 00@10 00
My Maryland.....	3 00@10 00
Mrs. Geo. Sawyer.....	3 00@10 00
Milady.....	3 00@10 00
Sunburst.....	3 00@10 00
Mrs. Aaron Ward.....	3 00@10 00
Hadley.....	3 00@10 00
Ophelia.....	3 00@10 00
Double White Killarney.....	3 00@10 00
Mrs. Moorfield Storey.....	3 00@10 00
Champ Weiland.....	3 00@10 00
Stanley.....	3 00@10 00
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Bayard Thayer.....	3 00@10 00
Cecile Brunner.....	2 00@ 3 00
George Elgar.....	2 00@ 3 00
Baby Doll.....	2 00@ 3 00
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Our selection.....	3 00
Carnations.....	1 00@ 3 00
Cattleyas... per doz., 10 00@12 00	
Chrysanthemums..... per doz.,	2 00@ 5 00
Asters.....	2 00@ 4 00
Lilium Harrisii.....	10 00@12 50
Valley.....	3 00@ 6 00
Adiantum Croweanum.....	1 00@ 1 50
Ferns..... per 100, 2 00@2 50	
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy..... per 1000, 5 00@6 00	
Plumosa Strings...each, 60@ 75	
Smilax..... per doz., 2 00@2 50	
Sprenger, Plumosa Sprays.....	3 00@ 4 00
Roxwood. 25clb per case.....	7 50
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Philadelphia.

MARKET CONDITIONS UNSETTLED.

The market this season appears to be anything but settled, and so far is full of ups and downs. One week stock is plentiful with apparently little demand, and the next, the situation is quite the reverse, all the wholesalers borrowing from one another to try and fill their orders. The market last week was full of Easter lilies; the week before they brought as high as \$2.00 a dozen. The past week stock tightened up, shipments being very light and far between, particularly on outside stock. The dahlias are so far a disappointment as the fields in New Jersey, near Atlantic City, near where the most of the supply comes from, have had but few of the fall rains and suffer from the protracted drouth. Roses are somewhat of an exception, the market being fairly well supplied, particularly with the shorter grades; these work off at rather low figures. Gladioli are still in fair supply, but the asters are almost done and only second class stock is seen.

Golden Glow chrysanthemums are offered in limited quantities, nothing extra as to quality. Cattleyas are more plentiful. Lily of the valley is still scarce and high and must be ordered in advance. New crop carnations are so short stemmed that short prices rule. American Beauty leads the roses, and will as long as the moderate prices prevail. Some Hadley, Ophelia, and good Marylands get into the special class.

NOTES.

P. M. Read strikes the nail on the head in his conclusions that there is little if any profit in geraniums in four-inch pots at \$7 per hundred. This is no new question; it has rankled in the hearts of geranium growers for many moons, but as most of them seem afraid of their own shadows, there is little or no progress made toward better prices. About 25 years ago, Robert Craig, Wm. K. Harris and several others, leaders in the trade, got the growers together at a meeting in old Horticultural hall and all agreed there was no money at \$7 and \$8 and agreed that \$10 per hundred would hereafter be the price. All left the meeting very enthusiastic over the prospects of the great increase in the coming season's profits. One of the smaller growers happening to meet a customer on his way home reported the results of the conference and told how they had all bound themselves to the new price, adding, "but with you and me it will just be the same as before, only you must not tell anybody." Wm. K. Harris was at one time the leading geranium grower in this market, but when the price went below \$10 a hundred he dropped them from his list. He was successful with nearly everything he grew and a pioneer in introducing new and taking up old things of merit, but whenever competition caused the price to fall below profitable returns he would drop out and generally had something else up his sleeve. If growers would figure out their entire expenses, including every possible outlay during the year, then count up their combined table space and see how much each square

The supply is getting larger. We have quantities to select from. The best value you will find in the special and medium grades.

Wholesale Flower Markets

BUFFALO, Sept. 27.		Per 100
Beauty Special.....	20	00@25 00
" Fancy.....	15	00@20 00
" Extra.....	10	00@12 00
" First.....	8	00@10 00
" Second.....	2	00@ 4 00
Roses, Killarney.....	3	00@ 6 00
" White Killarney.....	3	00@ 6 00
" My Maryland.....	3	00@ 7 00
" Sunburst.....	3	00@ 6 00
" Ward.....	2	00@ 5 00
" Sawyer.....	3	00@ 6 00
Lily of the Valley.....	4	00@ 6 00
Lilies.....	8	00@10 00
Cattleyas.....	40	00@50 00
Carnations.....	1	00@ 2 00
Gladiolus.....	2	00@ 4 00
Asters.....	1	00@ 3 00
Asparagus Sprenger.....	35@	50
Ferns.....per 1000.	2	00
Smilax.....		15 00

CINCINNATI, Sept. 27.		Per 100
Roses, Killarney.....	2	00@ 6 00
" My Maryland.....	2	00@ 6 00
" Richmond.....	2	00@ 6 00
" Taft.....	2	00@ 6 00
Lilium Giganteum.....	8	00@10 00
Asparagus Plumosus, per bch., 25c		
Gladiolus.....	2	00@ 4 00
Asters.....	2	00@ 4 00
American Beauty, per doz.....	75	3 00

BOSTON, Sept. 27.		Per 100
Roses, Beauty.....	20	00@25 00
" Killarney Queen.....	2	00@ 8 00
" White and Pink Killarney.....	2	00@ 8 00
" Double White Killarney.....	2	00@ 8 00
" Killarney Brilliant.....	4	00@10 00
" Hadley.....	4	00@10 00
" Cardinal.....	2	00@ 8 00
" Mock.....	6	00@12 00
" Mrs. Chas. Russell.....	6	00@12 00
" Sunburst.....	6	00@12 00
" Taft.....	2	00@ 8 00
" Milady.....	2	00@ 6 00
" Ward and Hillingdon.....	2	00@ 8 00
" My Maryland.....	50	5 00
Cattleyas.....	50	00@75 00
Lily of the Valley.....	4	00@ 5 00
Sweet Peas.....	50	1 00
Carnations.....	1	00@ 2 00
select.....	2	00@ 3 00

foot must produce to meet this and have something over, they would probably find out something definite about the values of the various lines of plants they handled. Mr. Harris has frequently told the writer, "My table space has got to pay me so much per square foot during the year," and no matter how promising a crop looked, if it did not pay there was something else in its place the next season.

H. F. Mitchell Co.'s annual exhibit of dahlias, perennial and annual flowers, together with vegetables, held at their store, 578 Market street, September 26-28, was an extensive and beautiful display. The premiums were liberal, while the entries exceeded those of any previous show. The exhibition was free to the public. Each variety was correctly labeled, so that orders might be taken from those who desired stock for spring delivery.

The Robert Craig Co. is very busy getting out orders for ferns and other foliage plants. The season is starting out well with plenty of orders to be set aside on call for the future. Robert A. Craig, a live wire and one of the coming men of the business, has been under the weather, being confined to the house the past week with a heavy cold. He is on the mend, however, and spent Sunday with his family at Ocean City.

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Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

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All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 a. m.

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ROSES, ORCHIDS, VALLEY

A full line of Summer Flowers
Always high grade Easter Lilies

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Always Seasonable Flowers

Orchids, Valley, Roses, Asters, Gladioli,
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Unexcelled Opening for Carnation Consignors for the Coming Season.

ONE BLOCK FROM EXPRESS OFFICE

1617 Ranstead Street, PHILADELPHIA, PA.

The "old guard" entertained Commodore Westcott at the Waretown club house September 23-24. It was the farewell trip of the season; they had a grand time and caught lots of fish. W. J. Stewart and Col. Castle of Boston were present, together with Robert Craig, George Craig, Wm. Kleinheinz, Frank Adelbarger, D. T. Connor, John Burton, John Kuhn, George C. Watson and Joseph Trainer. The miniature Japanese flower bowls, with the fish flower holders, are a feature of H. Bayersdorfer & Co.'s

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Everything in the
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We are the largest cut flower shippers
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Extra Quality Pink and White Killar-
ney, Richmonds, American Beauties,
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Obtain our prices on quality lots.

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Choice American Beauties, Russells, Mock
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High Grade Roses, Gladioli, Asters, Easter Lilies
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Special picked. Leave your regular orders with us.

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PHILADELPHIA, Sept. 27.		Per 100
Roses, Beauty, extra.....	20 00@25 00	
first.....	10 00@15 00	
Mrs. Chas. Russell.....	6 30@10 00	
Killarney.....	2 00@ 4 00	
White Killarney.....	2 00@ 6 00	
Liberty.....	2 00@ 6 00	
Hadley.....	4 00@12 00	
Sunburst.....	3 00@ 8 30	
Ophelia.....	3 00@ 8 00	
Hoosier Beauty.....	4 00@12 00	
Carnations.....	1 00@ 2 00	
Cattleyas.....each, \$0.75@ 1 00		
Lilium Harrisii.....	6 00@ 8 00	
Asters.....	2 00@ 4 00	
Gladioli.....	2 00@ 6 00	
Larkspur.....	4 00@ 6 00	
Dahlias.....	1 00@ 4 00	
Valley.....	4 00@ 6 00	
Asparagus.....per bunch, 50		

PITTSBURGH, Sept. 27.		Per 100
Roses, Beauty, special.....	25 00	
" fancy.....	20 00	
" extra.....	15 00	
" No. 1.....	8 00	
Killarney.....	2 00@ 6 00	
My Maryland.....	2 00@ 6 00	
Sunburst.....	2 00@ 6 00	
Mrs. Aaron Ward.....	2 00@ 5 00	
Cattleyas.....	40 00	
Lilium Giganteum.....	12 00	
Carnations.....	3 00	
Adiantum.....	1 25	
Asparagus Sprengeri, per bunch, 35@40		
Asters.....	1 00@ 2 00	
Gladioli.....	2 00@ 4 00	
Lily of the Valley.....	4 00	
Dahlias.....	2 00@ 4 00 per 100	

MILWAUKEE, Sept. 27.		Per 100
Roses, Killarney and W. Killarney	3 00@ 8 00	
Ward.....	3 00@ 6 00	
Mrs. Chas. Russell.....	5 00@20 00	
Ophelia.....	3 00@ 8 00	
Hoosier Beauty.....	3 00@10 00	
Lilies.....	10 00@12 50	
Cattleyas.....per doz., 6 00		
Carnations.....	1 00@ 2 00	
Snagdragons.....doz., \$0.25@ \$0.50		
Gladioli.....	2 00@ 3 00	
Rubrum.....	3 00	
Valley.....	4 00@ 6 00	
Asters.....	1 00@ 3 00	
Chrysanthemums.....	2 00@ 2 50	

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280 and 282 Devonshire St.,
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Consignments of Beauties, Lilies of the Valley,
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Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

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ST. LOUIS, Sept. 27.		Per 100
Roses, Killarney.....	2 00@ 6 00	
White Killarney.....	2 00@ 6 00	
Aaron Ward.....	2 00@ 5 00	
Sunburst.....	2 00@ 6 00	
Ophelia.....	2 00@ 5 00	
Cecile Brunner.....	2 00	
Richmond.....	1 00@ 00	
Mrs. Chas. Russell.....	4 00@10 00	
Valley.....	4 00	
Lilies.....	10 00	
Asparagus Plumosus, per bu., 25@75		
Fernsper 1000.	1 75	

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Guaranteed Two-Year-Old, Low Budded

BEES' ROSES ARE AMA

Top growth alone is not a safe criterion of the value of a rose tree to you. True, you must have vigorous and healthy branch and leaf development in order to insure a solid foundation for the subsequent life of the tree. But these things are often procured in highly-fed soils where the formation of root fibre is retarded or negated. When you get such trees into your forcing or flowering beds, there is a long pause before the roots become acclimatised, so to speak. This is due to the fact that the necessary equipment of feeding fibres, which will enable the trees to go straight on with their work, does not exist. Abundance of root fibre was not necessary in the period of forced growth in heavy over-fed soil, consequently Nature did not provide it. The result is a fat lazy tree, of actually less value to you than a starveling.

What you want is a tree that has more or less of a struggle for existence—that has had to work for its living; a prize-fighting-boxer sort of tree, that is trained up to the last ounce. You can get such trees under suitable conditions. They are grown by the million on Bees' 200-acre farm in North Wales, England. Bees' Nursery is part of a huge plain situated on the banks of the River Dee, within hail—almost—of Chester, on the one hand, and Mount Snowdon on the

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Aennchen Muller (D. Poly.) ..	7.75
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Anna Olivier (T.) ..	9.50
Antoine Rivoire (H.T.) ..	9.50
Arthur R. Goodwin (Per.) ..	8.25
Avoca (H.T.) ..	7.75
Ben Cant (H.P.) ..	7.75
Bessie Brown (H.T.) ..	7.75
Betty (H.T.) ..	9.00
Brilliant (H.T.) ..	9.50
British Queen (H.T.) ..	8.25
Captain Hayward (H.P.) ..	7.75
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Coronation (H.P.) ..	10.75
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Countess of Shaftsbury (H. T.) ..	8.25
Cynthia Forde (H.T.) ..	8.25
Dean Hole (H.T.) ..	8.25
Dr. O'Donel Browne ..	8.25
Dorothy Page Roberts (H.T.) ..	9.50
Dorothy Ratcliffe (H.T.) ..	9.50
Duchess of Wellington (H.T.) ..	9.50
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Dupuy Jamain (H.P.) ..	\$7.75
Earl of Gosford (H.T.) ..	8.25
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Ecarlate (H.T.) ..	8.25
Edith Bellenden (H.S.) ..	9.50
Edu Meyer (H.T.) ..	8.25
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Edward Mawley (H.T.) ..	9.50
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Hoosier Beauty (H.T.) ..	25.00
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Jessie (D. Poly.) ..	7.75
Jonkheer J. L. Mock (H.T.) ..	8.25
Jos. Hill (H.T.) ..	9.50
Juliet (H.B.) ..	8.25
Katherine Zeimet (D. Poly.) ..	7.75
Killarney (H.T.) ..	7.75
King Edward VII (D. Poly.) ..	8.25
King George V (H.T.) ..	9.50
Lady Alice Stanley (H.T.) ..	8.25
Lady Ashtown (H.T.) ..	8.25
Lady Dunleath (H.T.) ..	10.75
Lady Hillingdon (T.) ..	9.50
Lady Mary Ward (H.T.) ..	9.50
Lady Penzance (H.S.B.) ..	9.50
Lady Pirrie (H.T.) ..	9.50
Lady Roberts (T.) ..	9.50
La France (H.T.) ..	8.25
La Tosca (H.T.) ..	8.25
Leonie Lamesch (D. Poly.) ..	7.75
Leslie Holland (H.T.) ..	9.50
Liberty (H.T.) ..	8.25
Lieutenant Chaure (H.T.) ..	9.50
Lucy Bertram (H.S.B.) ..	9.50
Lyon Rose (H.T.) ..	8.25
Mabel Drew (H.T.) ..	10.75
Mme. Abel Chatenay (H.T.) ..	8.25
Mme. Collette Martinet (H.T.) ..	25.00
Mme. Constant Soupert (T.) ..	9.50
Mme. Chas. Lutaud ..	10.75
Mme. Edouard Herriot ..	9.50
Mme. Hoste (T.) ..	9.50
Mme. Isaac Perriere (Bour.) ..	8.25
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Mme. Jules Grolez (H.T.) ..	8.25

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ROSES

Briar, Clean, Hardy, Field-Grown Stock.

INGLY FIBROUS ROOTED.

other. The land is actually reclaimed silt deposited by the Dee during past ages, and is swept from end to end by the bitter gales from the Atlantic Ocean.

See how splendidly these two factors combine to produce the ideal rose tree. First, there is the **naturally** rich, humus-laden silt soil. It is in a finely divided condition, and encourages—makes necessary—the formation of multitudinous root-fibres. Neither light nor heavy, and neither too wet nor too dry, it is the ideal rooting medium. Then the climate, the most searching and severe in the British Isles, comes into play. Every inclination towards exuberance is keenly contested. The tree has veritably to fight for its life. Wind, cyclonic in violence, almost tears the trees up by the roots; but the result is a more thorough and firm anchorage of the root fibres. Alternating climatic conditions of Arctic severity or delusive mildness compact the plant tissues to iron-wood hardness. The result, at lifting time, is a short-jointed, stocky tree, which grows and blooms with almost magical luxuriance when transplanted into milder quarters.

O. B. Liverpool on Orders for 1,000 Trees.

DWARFS—Continued.

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Mme. Melanie Soupert (H.T.)	9.50
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Mme. Segond Weber (H.T.)	9.50
Margaret Dickson Hamill (H.T.)	30.00
Marie Van Houtte (H.T.)	9.50
Marquise de Sinety (H.T.)	10.75
Meg Merrilies (H.S.B.)	9.50
Melody (H.T.)	10.75
Mildred Grant (H.T.)	9.50
Miss Alice de Rothschild (T.)	9.50
Molly Sharman Crawford (T.)	9.50
Moss Rose	7.00
Mrs. Aaron Ward (H.T.)	9.25
Mrs. Alfred Tate (H.T.)	9.50
Mrs. Amy Hammond (H.T.)	9.50
Mrs. Andrew Carnegie (H.T.)	10.75
Mrs. A. R. Waddell (H.T.)	9.50
Mrs. Charles Curtis Harrison (H.T.)	8.25
Mrs. Charles E. Pearson (H.T.)	10.75
Mrs. Cornwallis West (H.T.)	8.25
Mrs. David McKee (H.T.)	9.50
Mrs. Edward Mawley (T.)	9.50
Mrs. E. G. Hill (H.T.)	8.25
Mrs. Foley Hobbs (T.)	9.50
Mrs. Forde (H.T.)	9.50
Mrs. Fred Straker (H.T.)	9.50
Mrs. G. Shawyer (H.T.)	9.50
Mrs. F. W. Vanderbilt (H.T.)	9.50
Mrs. Harold Brocklebank (H.T.)	9.50
Mrs. Herbert Hawkesworth (T.)	12.00
Mrs. Herbert Stevens (T.)	9.50
Mrs. John Laing (H.P.)	7.75
Mrs. Joseph H. Welch	9.50
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DWARFS—Continued.

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Mrs. R. G. Sharman Crawford (H.P.)	7.75
Mrs. Taft (D. Poly.)	7.75
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Mrs. Wakefield Christie Miller (H.T.)	9.50
Mrs. Wallace H. Rowe (H.T.)	9.50
Mrs. W. H. Cutbush (D. Poly.)	7.75
Mrs. W. J. Grant (Belle Siebrecht)	8.25
Nita Weldon (T.)	9.50
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Ophelia (H.T.)	12.00
Orleans Rose (D. Poly.)	7.75
Paul Lede (H.T.)	8.25
Pharisaer (H.T.)	8.25
Prince Camille de Rohan (H.P.)	7.75
Prince de Bulgarie (H.T.)	8.25
Queen Mary (H.T.)	12.00
Rayon d'Or (H.B.)	10.75
Richmond (H.T.)	8.25
Rose Bradwardine (H.S.B.)	9.50
Senateur Vaisse (H.P.)	7.75
Souvenir de Gustave Prat (H.T.)	9.50
Sunburst (H.T.)	9.50
Suzanne Marie Rodocanachi (H.P.)	7.75
Ulrich Brunner (H.P.)	7.75
Victor Hugo (H.P.)	7.75
Viscount Carlow (H.T.)	9.50
Viscountess Folkestone (H.T.)	8.25
Warrior (H.T.)	9.50
White Killarney (H.T.)	9.50
Willowmere (Per.)	9.50
W. R. Smith (T.)	9.50
Yvonne Rabier	8.25

CLIMBERS.

Alberic Barbier (Cl. Wich.)	\$8.25
American Pillar (Cl. Poly.)	8.25
Ards Rover (Cl. H.P.)	8.25
Aviateur Bleriot (Cl. Wich.)	8.25
Billard et Barre (Cl. T.)	8.25
Blush Rambler (Cl. Poly.)	8.25
Caroline Testout (Climbing)	8.25
Coronation Rambler (Cl. Wich.)	8.25
Crimson Rambler (Cl. Poly.)	7.00
Dorothy Dennison (Cl. Wich.)	8.25
Dorothy Perkins (Cl. Wich.)	8.25
Excelsa (Cl. Wich.)	8.25
Felicite Perpetue (Cl. Semp.)	7.75
Gardenia (Cl. Wich.)	8.25
Gerbe Rose (Cl. Wich.)	8.25
Gloire de Dijon (Cl. T.)	8.25
Hiawatha (Cl. Poly.)	8.25
Johanna Sebus (Cl. H.T.)	8.25
Lady Waterlow (Cl. H.T.)	8.25
La France climbing (Cl. H.T.)	8.25
Liberty, climbing (Cl. H.T.)	8.25
Mme. Alfred Carriere (Cl. H.N.)	8.25
Mme. Jules Gravereaux (Cl. T.)	8.25
Marechal Niel (Cl. N.)	9.50
Minnehaha (Cl. Wich.)	8.25
Mrs. W. J. Grant, climbing (Cl. H.T.)	8.25
Paul Lede, climbing	9.50
Paul Transon (Cl. Wich.)	8.25
Reine Olga de Wurtemberg (Cl. H.N.)	8.25
Richmond, climbing (Cl. H.T.)	9.50
Shower of Gold (Cl. Wich.)	8.25
Source d'Or (Cl. H.B.)	8.25
White Dorothy Perkins (Cl. Wich.)	8.25
Zephyrine Drouhin (Cl. H.B.)	8.25

500 or more of a sort, write and ask for it. Do it Now! "Lest You Forget."

L STREET, LIVERPOOL, ENG.

future reference. Do it NOW!

stock. They find them one of their best sellers and have them by the thousand. Paul Blackman of Reading, Chas. F. Hale of East Orange, and F. S. Rogers of the Rogers Floral Co., Charlestown, S. C., were recent visitors to this establishment.

Max Nietschke, in his Forrest Flower Shop, has everything planned for a good season. New wall coverings and decorations of a battleship gray, together with new chandeliers and window fixtures, all go to make the place very inviting and attractive. Miniature Japanese flower floats in quantity are his window feature at present.

Leo Niessen says he does not remember when flowers have been so scarce at this season as for the past week. He attributed it to the scarcity of dahlias, which need rain badly. American Beauty roses and good Easter lilies are seen in quantity. Golden Glow chrysanthemums are also a feature.

The Joseph Heacock Co. is busy getting out fall orders for palms, at their Wyncote nurseries. The stock was never in better condition and customers are having them sent now by freight before the cold weather compels their coming by express and the added expenses.

Mrs. Clara M. Ehret, with the sale of the property at Broad street and Fairmount avenue, has been obliged to move and will locate about November 1 on Fairmount avenue one block from her present location. Business opened up very good for the season.

Edward Reid has secured lily of the valley in quantity, which supply he expects to be able to keep up throughout the season. He is enjoying a business trip through the west and will be home before the first week of October.

The S. S. Pennock-Meehan Co. has had a great run on plants the past season. Field carnations and young rose stock sold until the supply was exhausted. Cutflower demand is reported better than the supply.

The Lord & Burnham Co. has closed a contract to construct two of their iron frame houses, each 25x125 feet, for the H. F. Michell Co., Inc., at Andalusia. Much other work is under consideration.

The Robt. Craig Co. has finished setting a 50-horse power boiler at their 49th street place, removed from the lot sold to the Catholic high school. It is now on top of the ground.

The H. F. Michell Co., Inc., is making a great display of hyacinth and other bulbs. A border of artificial hyacinth flowers is a feature; they are very showy and lifelike.

The Moore Seed Co., 125 Market street, is branching out, having added trees and other nursery stock, which it is prepared to deliver in quantity. Business looks good here.

The Philadelphia Wholesale Cut Flower Co. is much pleased with the prospects ahead. Good stock from a number of shippers is already arriving.

Henry A. Dreer, Inc., are featuring hybrid tea roses in their Chestnut street windows. Many fine blooms are seen, each with its name attached.

At Berger Bros.' busy market, Easter lilies and gladioli are still leaders. Some very fine My Maryland, as well as other roses, are seen in quantity.

New crop roses and a good assortment of dahlias are features with Stuart Miller. Easter lilies are reported scarce.

The London Flower Shop is in full swing, and reports that advance orders give every indication of a busy season.

K.

WAKEFIELD, MASS.—N. F. McCarthy and James T. Gray have incorporated the Wakefield Conservatories with a capital stock of \$10,000.

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York.

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers.

New York.

SUPPLY SHORTENS, BUT IS AMPLE.

The supply of stock was somewhat lighter during the past week. A cool wave was one factor, and the gladioli and asters are on the wane, and, though there were plenty of asters, the quality deteriorated. The demand was light and the shortage caused no inconvenience; in fact, it tended to strengthen prices. In American Beauties, the supply was moderate and some of the best specials wholesaled at the rate of \$30 and \$35 per 100. Orchids are now plentiful and quotations have dropped about 50 per cent from summer prices. The newer varieties of tea roses, such as Russell, Hadley, Cleveland, Prima Donna and some others that are older, bring fair prices if the stock is reasonably good. The original Killarneys are slow, but it must be considered that no rose planted this season has yet reached maturity. We must here again refer to our quotations. There are people in the trade who seem to think that a trade paper should quote all the rubbish that comes into this market. We do not agree with them. Our view is that most of the roses that sell for 50 cents per 100 or \$5 per 1,000 are dear to the buyer, even at those prices. We aim to give quotations of stock that will not shake off before the buyer gets it to his store. The supply of chrysanthemums is gradually increasing and there are as many in the market as there is a call for, prices ranging according to size and quality, from \$1 to \$3 per dozen, though we have seen a few of a new variety that were quoted at \$6 per dozen. The cool weather is to some extent holding back the dahlias, but there are enough to supply all demands. While there is a considerable supply of carnations, they do not loom large in the market. The tritomas (red hot poker) are features worthy of notice. They are quite plentiful, and as some of the leading stores are using them lavishly for window decorations, they have acquired quite a vogue. Three dozen for \$1 is the average wholesale price.

September 25.—There seems to be a slight improvement in business, and prices on all stocks remain firm. The threat that several hundred thousand workers in various trades will "walk out" Wednesday, September 27, does not seem to greatly disturb any branch of the florist business. Of course, Samuel Gompers is reported to have said that they will stay out all winter if necessary. It is easy for Sam to say that, because he never walks out himself. If the people who now have good jobs and good wages walk out, it will doubtless be very cheering to them when they are walking the streets with



Mention the American Florist when writing

—We are—

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Have twenty-two years' experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

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2037 NEW YORK

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64 West 26th St., NEW YORK

(Opposite Coogan Building)

20 years experience

Consignments Solicited and Prompt RETURNS GUARANTEED.

sore feet, to hear from Samuel Gompers, in his comfortable Washington hotel, telling them to "hold out."

NOTES.

We sympathize with our Boston contemporary in his disposition to give the English sparrow a "square deal." He is correct in saying that: "The woods, fields and meadows are the natural habitat of the native birds, and there the English sparrow does not care to go." * * * In the spring one can see many other birds in the parks of this city as well as sparrows, but the sparrows, though strong in family quarrels, do not seem to molest the other birds. But supposing the sparrows do drive them out of the city, they do not follow them to the farms and orchards, where birds are most useful. As in the case of the wild

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Wholesale Flower Markets

NEW YORK, Sept. 27.		Per 100
Roses, Beauty, special.....	20	00@25 00
extra and fancy.....	12	00@15 00
" " No 1 and No 2.....	4	00@ 6 00
" Prima Donna.....	1	00@ 8 00
" Alice Stanley.....	50	@ 5 00
" Francis Scott Key.....	75	@10 00
" Mrs Geo. Shawyer.....	75	@ 5 00
" Double White Killarney.....	1	00@ 5 00
" Killarney, My Maryland.....	50	@ 4 00
" " No 1 and No 2.....	50	@ 1 00
" " Queen.....	75	@ 5 00
" " Brilliant.....	75	@ 5 00
" Aaron Ward.....	75	@ 5 00
" Richmond.....	25	@ 3 00
" Sunburst.....	1	00@ 6 00
" Taft.....	1	00@ 4 00
" J L Mock.....	1	00@ 8 00
" Ophelia.....	75	@ 6 00
" Mrs. Chas. Russell.....	1	00@ 8 00
" Cleveland.....	1	00@ 6 00
" Hadley.....	75	@ 6 00
" Hoosier Beauty.....	50	@ 4 00
Cattleya Orchids, special..... each,		
inferior grades.....	25	@ 35
Dahlias.....	1	00@ 3 00
Bouvardia.....	4	00@ 5 00
Rubrum.....	8	00@10 00
Lilies, Longiflorum and Harrisii.....	2	5 @ 5 00
Lily of the Valley.....	2	50@ 3 50
Gladiolus Panama.....	1	00@ 2 00
Inferior grades.....	35	@ 2 00
Asters.....	1	00@ 2 00
Carnations.....	1	00@ 3 00
Chrysanthemums..... per doz.		
Adiantum Croweanum and		
Hybridum.....	40	@ 50
Asparagus Plumosus..... doz. bchs.	2	00@ 2 25
Smilax..... doz. strings,	1	00@ 1 25

United Cut Flower Co., Inc.

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4423

PERCY W. RICHTERS, Manager.

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HOUSE OF FERNS

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Asparagus Plumosus Nanus A Specialty.

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Traendly & SchenckWholesale Florists and Cut Flower Exchange
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Between 26th and 27th Sts.

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Orchids, Roses, Carnations and all the other
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Consignments solicited.**WM. KESSLER,**

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WHOLESALE PLANTSMEN AND FLORISTS

Phone 2336 Farragut Shipments Everywhere
Prompt and satisfactory. Consignments solicited**N. Y. Cut Flower Exchange**Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales
at 6 o'clock every morning.

Desirable well space to rent for advertising.

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FRESH CUT EVERGREENS

and Mosses. Decorating Material for
Florist Trade at Wholesale.

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24-30 Stone St., Rochester, N.Y.

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NEW YORK

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The Largest Shipper and Receiver of Cut Flowers
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GEO. W. CRAWBUCK, Pres.

George W. Crawbuck Co.
(INC.)

Wholesale Commission Florists

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WHAT A CHANCE!

Will you have to say: "Oh what a chance I had to get something attractive, but I waited too long before acting."

You may, if you do not get in on the ground floor and order these boxes which add so much to the appearance of the bouquet when delivered.

Send in your order while your competitor is thinking about it. This is your chance. Take it and realize on your investment in boxes by an increase in trade.



A.A. ARNOLD PAPER BOX COMPANY
1302-1308 West Division St., Chicago



FOOTBALL SEASON

In full swing, as are the large **AUCTION SALES** now being held by
JOHNSON & MILLANG, Inc., Auctioneers Coogan Bldg., 55-57 West 26th St., NEW YORK
Under Cut Flower Exchange

Holland's Finest Bulbs, The Best in Decorative Plants, Evergreens, etc.

Sales every Tuesday and Friday at 10:00 a. m.

10,000 square feet devoted to our auction business.

Write for Catalogue.

pigeons, it was the guns of the hunters that drove away or destroyed the birds. The Audubon societies have made commendable efforts to save the birds, but their efforts have been hampered by a large number of people who seem to retain a strain of the blood of their barbarous ancestors. Poughkeepsie, the home of Vassar College, should be as civilized as any city in this country, yet the newspapers reported, a few weeks ago, that the chief of police organized a shotgun squad to kill the birds because their singing and chattering annoyed the late sleepers. Can you beat it? Let the English sparrow alone, he may not be particularly useful, but as Artemus Ward said of his kangaroo, "He's an amooosin' cuss." It may be added that the birds reported to have been slaughtered at Poughkeepsie were not English sparrows, but starlings and blackbirds.

George L. Stillman, of Westerly, R. I., has for the past week been exhibiting dahlias at the store of Thomas F. Galvin, Inc., Fifth avenue and 46th street. The show has greatly interested the public, and incidentally we should judge, has been profitable both to Mr. Stillman and the Galvin store. In exhibiting the flowers he takes orders for the roots and the store has been selling large quantities of the flowers. Nearly all the varieties on exhibition originated with Mr. Stillman, who is one of the foremost dahlia experts in this county. There are many types in the cactus, decorative, peony and collarete varieties. A new one in the decorative class is "The Millionaire," a large and beautiful lavender flower, the bulbs or roots of which sell for \$10 each. Other noteworthy blooms are Lady Helen and Attraction. He will stage a great exhibit at the dahlia show September 26-28.

The S. S. Pennock-Meehan Co., 117 West 28th street, is having extensive alterations made in their newly acquired building. Excavations are being made for a basement which will be made fire and moisture proof, and when finished will be used exclusively for their ribbon and supply depart-

ment. Within the past few years their business in this line has greatly increased, and their present quarters are too small to accommodate it. The only J. Moorhead, who has just returned from a three months' trip in the south and southwest, will be in charge of this department. He says that business is booming all over the south and predicts good business for the fall and winter.

Jack Trepel, who for a number of years has been buyer for his brother Joseph's chain of Brooklyn retail stores, has leased the premises at 480 Fulton street, Brooklyn, and will open a fine retail establishment, on or about October 1. This store is in the heart of the shopping district, being just two doors from the large department store of Frederick Losier & Co.

Extensive alterations are being made in a building at Fifth avenue and 51st street, in the Bay Ridge section of Brooklyn. When completed, Joseph Trepel, who already has six retail stores in Brooklyn, will open another, which, it is stated, will surpass his previous efforts in furnishings and equipment.

Mrs. Henry Murphy, who, since the death of her husband, several years ago, has conducted a retail store at Fifth avenue and 53d street, Bay Ridge, recently had the misfortune to fall down stairs and sustain a broken limb, and is now in a Brooklyn hospital.

The Macniff Horticultural Co. reports that their auction sales of plants, September 12 and 15 were very successful. A number of large palms and other plants from the estate of T. A. Sperry, Crawford, N. J., were disposed of. There was also a good demand for bulbs.

At this writing, nothing has been heard of Lewis P. Rankin, the grower, of Westerly, R. I., who, on September 12, walked out of the store of the S. S. Pennock-Meehan Co. in this city and mysteriously disappeared.

John J. Coan, 115 West 28th street, is receiving from Frank Dinda, Farmdale, L. I., fine stock of the new pink chrysanthemum, Alexander Guttman.

FLORISTS'

GREENING PINS.

No Florist should be without a box of Greening Pins, considering their small price, convenience and amount of labor saved. One box contains 10 lbs. (about 10,000 to 11,000 pins). (Samples free).

Price, per box.....\$1.50
5 boxes for..... 7.00

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Wholesale Florist

1324 Pine St., St. Louis Mo.

New Crop Smilax

Smilax..... at \$2.50 per case
Green Sheet Moss..... 1.75 per bag
Perpetuated Moss..... 3.50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens
EVERGREEN, ALABAMA

New Crop Smilax

Smilax..... at \$2.50 per case
Green Sheet Moss... 1.75 per bag
Perpetuated Moss.... 3.50 per bag

Edward A. Beaven, EVERGREEN, ALA.

He says that they wholesale for \$6 per dozen.

Guttman & Raynor, Inc., are receiving fine stock of the pink chrysanthemum, "Alexander Guttman," from Frank Dinda, Farmingdale, L. I. This stock wholesales at \$6 per dozen.

Very fine lilies and lily of the valley are reaching E. C. Horan from Anton Schultheis, College Point, L. I.

P. F. Kessler is handling fine lilies and forget-me-nots.

A. F. F.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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Established 1857.



739 Buckingham Place.
L. D. Phone, Graceland 1112.
Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

St. Louis, Mo.

Wm. A. Seeger
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Telegraph orders filled on short notice in St. Louis and rest of Missouri.



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WHITTED FLORAL CO.,

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Careful attention given to all orders for delivery in the Twin Cities or the Northwest.



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310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Max Schling

NEW YORK.

No. 22 West 59th Street

Adjoining Plaza Hotel

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THE VANDERBILT HOTEL

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Retail Store. Greenhouses.

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For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

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Cleveland, O.

The Smith & Feters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

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JOSEPH'S**

233-235 GRANT AVENUE

Members of Florists' Telegraph Delivery and National Florists for this District. A specialty made of "Welcoming" and "Bon Voyage" packages.

Denver, Colo.

**The Park
Floral Co.**

J. A. VALENTINE,
President.

Members of Florists' Telegraph Delivery.

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

Syracuse, N. Y.

MILES S. HENCLE.

FLORIST

536 SOUTH SALINA STREET

General designs—All flowers in season

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street,

To out-of-town florists:
We are in the Heart of NEW YORK
And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Members of Florists' Telegraph Delivery.

Friedman

...FLOWERS...

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St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery
in this section from the

LEADING FLORISTS OF THE NORTHWEST



**WASHINGTON
D. C.**

Gudes'

Members of Florists' Telegraph Delivery.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Members of Florists' Telegraph Delivery.

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Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

SEATTLE, WASH. HOLLYWOOD GARDENS

Seattle's Leading Flower Shop

1536 SECOND AVE.

Members of Florists' Telegraph Delivery.

Newark, N. J.

Begerow's

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Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

PHILADELPHIA, 1800 Chestnut St.

ATLANTIC CITY, 2517 Board Walk

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SHOP, LTD.

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A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America.

Established 1874. Incorporated 1909.

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G. E. M. STUMPP

761 Fifth Avenue

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Name Index to Retail Florists Filling Telegraph Orders.

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archbas Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Briggs Floral Co., Chicago.
Brooklyn Cut Flower Market, Brooklyn, N. Y.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Callahan, M. J. Philadelphia, Pa.
Clarke's Sons, David, New York.
Comley, Henry R., 6 Park St., Boston, Mass.
Cooke, Geo. H., Conn. Ave. and L. Washington.
Dard's, 44th and Madison Ave., New York
Dominion Floral Co., The, Montreal, Quebec.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyles, 106 State St., Albany, N. Y.
Evenden Bros., Williamsport, Pa.
Fox, J. M. & Son, Inc., Milwaukee, Wis.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Grimm & Gorly, St. Louis, Mo.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Hatcher, John C., Schenectady, N. Y.
Heinl & Sons, J. G., Terre Haute, Ind.
Hencle, Miles S., Syracuse, N. Y.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Higgins, N. F., Springfield, Mass.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Howard & Smith, Los Angeles, Calif.
Huscroft's Flower Shop, Steubenville, O.
Johnston & Co., T. J., Providence, R. I.
Joseph's, 233-235 Grant Ave., San Francisco.
Joy Floral Co., Nashville, Tenn.
Keller Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia, Pa.
London Flower Shop, Ltd., Atlantic City, N. J.
Mangel, Chicago.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
McMurray, D. M., Pueblo, Colo.
Metairie Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Palex, Paul M., Little Rock, Ark.
Palmer, W. J. & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Pearson, E. W., Newburyport, Mass.
Penn, The Florist, Boston, Mass.
Philips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Potter Floral Co., El Paso, Tex.
Pyfer & Olsem, Wilmette, Ill.
Randall's Flower Shop, Worcester, Mass.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London and Norwich, Conn.
Reuter's, Westerly, R. I.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Seki Bros. & Co., Los Angeles, Calif.
Smith & Feters, Cleveland, O.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Van Meter Flower Shop, Springfield, O.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Whitted Floral Co., Minneapolis, Minn.
Wilson, J. S., Floral Co., Des Moines, Iowa.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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Henry Hart, Inc.

FLORIST

1000 Madison Avenue

Telephone—Lenox 3822.

In the Heart of the most exclusive residential section.

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Hess & Swoboda

FLORISTS

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PHONES:
1501 and 11582

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IN THE CENTER OF IOWA



J. S. Wilson Floral Co.

We cover all points in Iowa.

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CLEVELAND

EUCLID AVENUE

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14th and H. Street.

Philadelphia, Pa.

M. J. CALLAHAN

FLOWERS

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DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr.

Wire, Write or Phone West 822

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Brooklyn, N. Y.

JOSEPH TREPEL

334 Lewis Ave., Telephone
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—Six Up-to-date stores in the City of Brooklyn—
We give personal attention to your orders and
guarantee satisfaction

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Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heisl)

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Both Phones, 527.

Special attention to Mail and Telegraph Orders

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Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City

Mention the American Florist when writing

Duluth, Minn.

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Seventeen large Greenhouses. Deliveries everywhere in Minnesota. Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

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Houston, Texas.

Robt C. Kerr Floral Co.

Main and McKinney Phone, Preston 160

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyes, 106 State St.
Amsterdam, N. Y.—John C. Hatcher.
Atlantic City—The London Flower Shop, Ltd.
Boston, Mass.—Comley, Henry R.
Boston, Mass.—Thos. F. Galvin, Inc.
Boston, Mass.—Penn. The Florist.
Brooklyn, N. Y.—Brooklyn Cut Flower Market.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Briggs Floral Co.
Chicago—Friedman, 522 S. Michigan Blvd.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder, 3343 W. Madison St.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel, 17 E. Monroe St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fettes.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews, the Florist.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Des Moines, Ia.—J. S. Wilson Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
El Paso, Texas—Potter Floral Co.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Henry Smith.
Guthrie Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles, Calif.—Howard & Smith.
Los Angeles, Calif.—Seki Bros. & Co.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Milwaukee, Wis.—J. M. Fox & Son, Inc.
Montreal, Quebec—The Dominion Floral Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
Newburyport, Mass.—E. W. Pearson.
New Orleans, La.—Metalrie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Henry Hart, Inc.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W 59th St.
New York—G. E. M. Stump.
New York—Young & Nugent.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia, Pa.—M. J. Callahan.
Philadelphia—The London Flower Shop, Ltd.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Providence, R. I.—T. J. Johnston & Co.
Pueblo, Colo.—McMurray, D. M.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Schenectady, N. Y.—John C. Hatcher.
Sheboygan, Wis.—J. E. Mathewson.
St. Louis, Mo.—Grimm & Gorly.
St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Joseph's, 233-35 Grant Ave.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Springfield, O.—Van Meter Flower Shop.
Springfield, Mass.—N. F. Higgins.
Steubenville, O.—Huscroft's Flower Shop.
Syracuse, N. Y.—Miles S. Hencle.
Terre Haute, Ind.—J. G. Heisl & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Westerly, R. I.—Reuter's.
Wilmette, Ill.—Pyfer & Olsem.
Williamsport, Pa.—Evenden Bros. Co.
Worcester, Mass.—Randall's Flower Shop.

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228 W. Madison St.
801 Sheridan Road.

Special attention paid to telegraph orders in Chicago and vicinity. One of our stores is located in the heart of the city and the other in the select north side residential district.

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SEKI-BROS. & CO.

Wholesale and Retail Florists

We grow All kinds of Decoration
our own flowers a Specialty
Phone A-2550 229 W. 4th Street

PYFER & OLSEM

WILMETTE, ILLINOIS

Careful attention to all mail or telegraph orders for delivery in Wilmette—Chicago's North Shore Suburb—Evanston, Kenilworth, Winnetka, Glencoe, Lake Forest.

New York.

Established 1849

David Clarke's Sons

2139 2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most carefully executed.

Kansas City, Mo.

A. Newell FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Lang Floral & Nursery Co., Dallas

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Write or wire headquarters for flowers for Texas Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

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Archias Floral Co.

Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.

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150 State St., SPRINGFIELD, MASS.

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DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Telephone 1813 Main J.O.S. LEVY
BROOKLYN
Cut Flower Market, Inc.
Floral Designs a Specialty
356 FULTON STREET
BRANCH: 408 Fulton St.
BROOKLYN, N. Y.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

PHILIPS BROS, 938 Broad St.
NEWARK N. J.
Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.
Wolfskill Bros. and
Morris Goldenson
Cut Flower Merchants.
We solicit telegraph orders. Regular trade discount.
229 WEST THIRD STREET

Kansas City, Mo.
Samuel Murray,
1017 Grand Avenue
Member of Florists' Telegraph Delivery.

Little Rock, Ark.
PAUL M. PALEZ
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All orders carefully filled and delivered to all parts
of the city, Arkansas and the Southwest.

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California Florists
will take care of all telegraphic orders.

Michigan. Orders will be carefully
cared for by
HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS
Members of Florists' Telegraph Delivery.

Grand Rapids, Mich.
GRAND RAPIDS FLORAL CO.
ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

St. Louis, Mo.
F. H. WEBER
Boyle and Maryland Avenues
Flowers delivered in city and state on short notice
Member of Florists' Telegraph Delivery.

Colorado Springs, Colo.
Orders Carefully Executed
Pikes Peak Floral Co.
Wholesale and Retail
Members of Florists' Telegraph Delivery.

Steubenville, Ohio.
Huscroft's Flower Shop
173 North Fourth Street
All Orders Promptly Executed

DULUTH FLORAL CO.
200 miles in any direction. **DULUTH, MINN.**
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.
CHAS. A. DUERR.
Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.
THINK OF HEINL'S

Mention the American Florist when writing

Rockford, Ill.
H. W. BUCKBEE.
Member of Florists' Telegraph Delivery.
St. Louis, Mo.
WIRE
Grimm & Gorly

The New Jersey Floricultural Society.
The eleventh annual show of the New Jersey Floricultural Society was held in the Jr. O. U. A. M. hall, Orange, September 18, 1916. The date proved to be a trifle early and the number of entries fell short of the previous year. The vegetable classes were well filled with some fine displays. A group of herbaceous plants and shrubs by the Elizabeth Nursery Co. was well staged and received a special prize. A collection of fruit by M. & A. Colgate of Orange was the finest ever seen in this part of the country. The judges were: John P. Sorenson, Alex. Robertson and Walter M. Gray.
Prominent among the prize winners were the following: W. A. Manda, South Orange, N. J.; Peter Hauck, Jr., East Orange, N. J.; Dr. Daniel T. Millsbaugh, Paterson, N. J.; C. C. Goodrich, Orange; Mrs. William Barr, West Orange; S. M. and A. Colgate, Orange; Hugo Volkening, Orange.

CHAMPAIGN, ILL.—George Franks, of Thos. E. Franks & Son, is looking forward to a highly prosperous season and is well prepared for it in all lines.

ST. JOSEPH, MO.—The Rau Floral Co. has made extensive improvements at its range on Country Club boulevard, which now comprises 14,000 square feet of glass.

KANSAS CITY, MISSOURI.
Rock's
FLOWERS
Members Florists' Telegraph Delivery Ass'n.

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CHICAGO
The Angel
The Palmer House Florist
17 E. MONROE ST.

Mention the American Florist when writing

C. H. FREY, Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.
Will fill orders for the West on short notice
Trade discounts. First-class stock.

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Send Telegraph, Telephone or Mail Orders for florist service in this vicinity to
THE DOMINION FLORAL CO.
484 St. Catherine's St., West
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Every order receives prompt and careful attention

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FLORIST
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NEAR GARFIELD PARK
CHICAGO

For Wisconsin Delivery
OF
"Home Grown Flowers"
Get in touch with
J. E. MATTHEWSON, SHEBOYGAN, WISCONSIN.
Member of Florists' Telegraph Delivery.

E. W. PEARSON
47 State St., NEWBURYPORT, MASS.,
Covers all New England points.

Trade Directory
Price, \$3.00 Postpaid.
AMERICAN FLORIST CO.,
440 So. Dearborn Street,
CHICAGO.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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D. M. McMurray
FLORIST

105 East Abriendo Ave.

Mention the American Florist when writing

Send Telegraph, Telephone or Mail orders for florist service in this vicinity to

Howard & Smith

853 So. Olive St., Los Angeles, Calif.

Every Order sure to receive prompt and careful attention.

Mention the American Florist when writing

WORCESTER, MASS.

Randall's Flower Shop,

13 Pleasant Street.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

VAN METER FLOWER SHOP
SPRING
and HIGH, **Springfield, O.**

BEST FLOWERS for EVERY OCCASION.

Mention the American Florist when writing

Williamsport, Pa.
EVEN DEN BROS. CO.

Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Boston, Mass.

HENRY R. COMLEY, Florist, 6 Park St.

50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

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John C. Hatcher

Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Hoffmans, N. Y.

Mention the American Florist when writing

FREY & FREY,
1338 O Street, LINCOLN, NEB.
WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

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El Paso, Texas.

Potter Floral Co.

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Mention the American Florist when writing

Boston, Mass.

Penn The Florist

"Penn, The Telegraph Florist"

Member of Florists' Telegraph Delivery Ass'n.

124 TREMONT STREET

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

Mention the American Florist when writing

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

106 STATE STREET.

Mention the American Florist when writing

Toronto, Can.

Canada's best known and most reliable florist

Only the **Dunlop's**

Best 8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee safe arrival.

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THOS. F. GALVIN
INC.

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BOSTON 1 Park Street
799 Boylston Street

Deliveries to steamers and all Eastern Points.

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PRICE, \$3.00,

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AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

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A. Graham & Son

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Mention the American Florist when writing

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Mention the American Florist when writing

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Connecticut Avenue and L Street

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Floral Experts

5936 Penn Av., PITTSBURGH, PA.

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S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Members of Florists' Telegraph Delivery.

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16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

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PROVIDENCE, R.I.

and all T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

—American Ass'n of Park Superintendents. 1870

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President; F. W. Bolziano, Washington, D. C., First Vice-President; L. L. Olds, Madison, Wis., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fifth annual convention, June, 1917.

PHILADELPHIA, PA.—George D. Clark of Henry A. Dreer, Inc., has returned from California.

VISITED NEW YORK: A. Miller, president of the American Bulb Co., Chicago, Biltmore hotel.

CHICAGO.—Prices for grass seed on the Board of Trade, September 27, were as follows: Timothy, \$3.50 to \$5.00 per 100 pounds.

VISITED CHICAGO: President Kirby B. White and Secretary C. E. Kendel, of the American Seed Trade Association; George Stumpp, of Stumpp & Walter Co., New York.

WINFIELD, KANS.—The Winfield Nursery Co. is planning to open a mail order seed house. J. Moncrief is president and H. S. Baker, secretary and treasurer of the company.

COLUMBUS, O.—A. W. Livingston, of the Livingston Seed Co., accompanied by Mrs. Livingston, left September 22 for a motor trip to New York, where they will remain about one week.

GLADIOLUS BULBS in the growing fields retarded by dry weather seem to be filling out some where touched by later rains. Stalks still look green and not affected by first frosts. Digging has begun generally both east and west.

SLUIS & GROOTS of Enkhuizen, in their September report say there will be a considerable shortage of all Holland seed specialties this year on account of unfavorable weather, shortage of labor and increased demand for food crops caused by the war.

ACCORDING to a general review of crop conditions issued by the United States department of agriculture the acreage of clover seed, September 1, is estimated to be 9.1 per cent more than last year with condition 6.1 per cent above average, forecasting a production from 15 to 18 per cent more than in 1915.

THE ninth annual convention of the Vegetable Growers Association of America is in progress at Chicago this week and some of the numbers on the programme are of more than passing interest to seedsmen including papers by Leonard H. Vaughan, Chicago, C. E. Durst, Urbana, A. T. Erwin, Ames, Ia., D. N. Shoemaker, Washington, D. C., and A. L. Stone, Madison, Wis.

CHAS. N. JACKMAN, of Vaughan's Seed Store, New York and Chicago, wires from Paris, September 20, that all seed crops are light and garden and flower seeds generally very scarce. It becomes more and more difficult to get permits to pass from England into Holland and Belgium and it is understood that one well known American nurseryman who crossed to England recently was unable to secure permission to visit Holland or Belgium and returned to America without having accomplished this leading object of his trip.

Beans in Michigan.

Detroit, September 21.—D. M. Ferry & Co. state the recent frosts have not damaged their garden bean crops to exceed five per cent on the whole and they believe the damage will prove to be less.

Why French Bulbs Were Late.

Another reason why French bulbs were late is that shippers have experienced great difficulty this year in securing wagons, the military authorities requiring them for their needs. There have been many instances where merchants have had to wait six and eight days to secure railroad accommodations for their merchandise and furthermore, it may be added, that at times the Fabre line declined to take on the same boat the entire shipment from one grower.

The Late Henry Kirke White.

Henry Kirke White, vice-president of D. M. Ferry & Co., well-known seedsmen of Detroit, Mich., died suddenly in that city, September 23, aged 77 years. Heart disease was the cause of his death.

Mr. White was born in Unadilla, N. Y., but removed to Illinois when 18 years old, and in 1859 went to Detroit, where he entered the employ of M. T. Gardner & Co., now D. M. Ferry & Co. He was admitted to the firm in 1865 and became its vice-president in 1905. He also had other business connections, being identified with a number of banks and insurance companies as an officer and director. Surviving are his widow, three sons and one daughter.

Kentucky's Pure Seed Law in Effect.

The new pure seed law, enacted at the last session of the Kentucky general assembly, and approved by the governor March 23, becomes operative September 30. In a bulletin just issued the director of the Kentucky experiment station, discussing the law, says: "The interests of both the farmer and the seedsmen are comprehended by the new law. Its intention is to afford the farmer protection against contaminated and worthless seeds and to protect and encourage those parties engaged in the production and marketing of high grade farm seeds. The reputation and adaptation of Kentucky for the seeds of bluegrass, sweet clover, hemp and white Burley tobacco is already recognized and the operation of the pure seed law is expected to establish our seed-producing industry on a still more secure basis.

Pieters-Wheeler Seed Company

Growers of
High Grade

SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

"Under the provisions of the new law seedsmen are permitted to test their own seeds and to use the results of these tests on their tags. But all tests must be made according to the rules and regulations adopted and employed by the Association of Official Seed Analysts of North America.

"Kentucky farmers and seedsmen may submit samples to the experiment station for testing, which will be done free. Because of the congestion of work in the station laboratories, however, the larger seed concerns are advised to provide for their own testing."

American Seed Trade Association.

SPECIAL COMMITTEES.

President White has appointed the following special committees to serve during the current year 1916-17:

Legislative—John L. Hunt, chairman; C. C. Massie, Geo. S. Green, W. G. Scarlett, Chas. D. Boyles.

Postal laws—W. F. Therikildson, chairman; E. C. Dungan, David Burpee, Luther A. Breck, F. C. Stokes.

Experiment stations—L. L. Olds, chairman; A. O. Hogg, A. Lee Don.

Resolutions—H. W. Wood, chairman; S. F. Willard, J. Lee Gillespie.

Customs and tariff—J. C. Vaughan, chairman; E. L. Page, Alex. Forbes, Watson S. Woodruff, F. W. Bolziano, A. E. Reynolds, Lem W. Bowen.

Terms of credit—L. B. McCausland, chairman; Burnet Landreth, Sr., Arthur G. Lee.

Government charges—Charles D. Boyles, chairman; J. C. Vaughan, Catesby W. Spears.

Nomenclature—H. G. Hastings, chairman; C. N. Keeney, L. H. Vaughan, A. B. Clark.

Pure Seed Growers' Association—C. A. Burnham, chairman; O. H. Will, Ed. Leonard, J. S. Michaels, A. E. McKenzie.

Bean Acreage and Production.

A special inquiry by field agents of the bureau of crop estimates, United States department of agriculture in five important bean producing states develops the following estimates of acreage and production this year as compared with 1915, together with a forecast of the total production for 1916:

	Total production.		Area planted.	
	1916 forecast.	1915	1916	1915
	Bushels.	Bushels.	Acres.	Acres.
State	1,050,000	1,495,000	100,000	130,000
New York	4,250,000	4,250,000	486,000	506,000
Michigan	3,791,000	3,825,000	248,000	225,000
California	4,097,000	3,240,000	38,000	21,000
Colorado	499,000	368,000	64,000	46,000
N. Mexico	432,000			
Totals	9,869,000	10,278,000	936,000	923,000

Trade Directory

Containing the Names and Addresses of Florists of the United States and Canada.

PRICE, \$3.00 POSTPAID.

American Florist Co., 440 S. Dearborn St., Chicago

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Lilium Harrisii BULBS

	Per 100	Per 1000
5 in. to 7 in.....	\$ 5.00	\$40.00
7 in. to 9 in.....	9.00	80.00
9 in. to 11 in.....	22.00	....

Freesia Refracta Alba

	Per 100	Per 1000
Mammoth size.....	\$1.75	\$12.00

For Immediate Delivery.

PAPER WHITE NARCISSUS GRANDIFLORUS

Prices on application.

J. M. THORBURN & CO.
53 Barclay Street, through to 54 Park Place
NEW YORK CITY.

Mention the American Florist when writing

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, - NEBRASKA

Mention the American Florist when writing

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

Mention the American Florist when writing

LILY BULBS FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.

Woolworth Bldg., New York City

Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

The L. D. Waller Seed Co.
Gaudalope, California
Wholesale Growers of
FLOWER SEEDS, SWEET
PEAS AND NASTURTIUMS
Correspondence Solicited.

Henry Fish Seed Co.
Bean Growers for the
Wholesale Seed Trade
CARPINTERIA, CALIF.

To All Florists Using French Bulbs:

Vaughan's Seed Store advertisements and catalogues offer these bulbs by **stated measure** and in **regular cases**. Others report seeing advertisements of this stock which **do not** give measurements of the bulbs.

Why not get samples of French **Paper Whites** and the like this season before you place advance contract orders for 1917?

Vaughan's prices, grading considered, will average over fifteen per cent lower than those of our competitors, because bought early by our own agent in France and paid for in cash or on short terms.

Our present price of **\$7.85 per 1000** for the largest size of **Paper White** Grandiflora now obtainable, proves this statement.

Advance contract orders booked by us for **Paper Whites** will be filled with the larger sizes.

Write for our **delivered prices** on Lily Bulbs. Vaughan's **Formosum** run larger in all grades than those of other dealers.

Vaughan's Seed Store, CHICAGO
NEW YORK

Mention the American Florist when writing

KELWAY'S SEEDS--Flower, Vegetable and Farm

For present delivery or on contract. Wholesale only.

Special quotations for next season and
from 1917 harvest now ready.

Langport, - England.

Mention the American Florist when writing

BEANS, PEAS, RADISH

AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write for prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St., Telephone Main 2762. CHICAGO

BARNARD'S
Seed Store
231-235 W. Madison St.
CHICAGO.

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomdale
Farm.

Bristol, Pa.

LILY BULBS

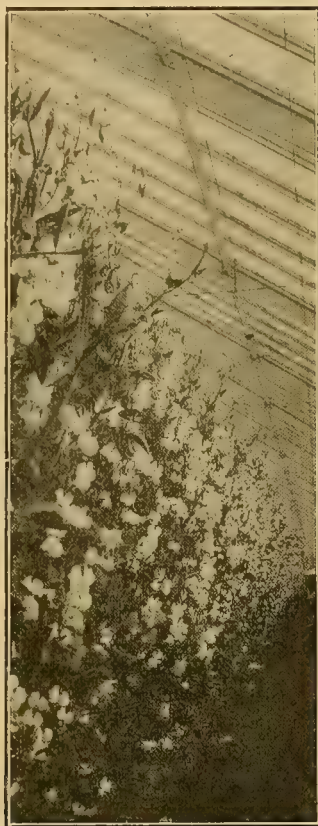
FALL SHIPMENT FROM JAPAN

Prices quoted F. O. B. New York,
Chicago, Denver, San Francisco,
and London (Ont.)

Write for quotations stating quan-
tity, variety and size required.

McHUTCHISON & CO.

The Import House
95 Chambers St., NEW YORK



Boddington's Re-selected Winter-flowering
Spencers as grown by Wm. Sim,
Cliftondale, Mass.

WINTER SPENCER SWEET PEAS.

	1 oz.	4 oz.	lb.
APRICOT ORCHID. Mostly apricot self.....	\$1.50	\$ 4.50	\$15.00
BOHEMIAN GIRL. Light pink.....	1.50	4.50	15.00
BRIDAL VEIL. Pure white.....	1.00	3.50	12.00
CHRISTMAS PINK ORCHID. Pink, white wings.....	3.00	10.00	35.00
MRS. A. A. SKACH. Bright pink.....	.65	2.00	7.50
MRS. JOHN M. BARKER. Lilac.....	1.50	4.50	15.00
MRS. M. SPANOLIN. Double; white.....	1.00	3.50	12.00
ORCHID BEAUTY. Rose-pink, with orange.....	.75	2.50	9.00
PINK-AND-WHITE ORCHID.....	.65	2.00	7.50
RED ORCHID. Bright cherry-red.....	.75	2.50	10.00
SENSATION. Newman & Legg's Christmas Pink Orchid.....	3.00	10.00	35.00
SENSATION SCARLET. Bright scarlet.....	3.00	10.00	35.00
THE CZAR. Rose, wings white, mottled pink.....	3.00	10.00	35.00
YARRAWA. Bright rose pink. AUSTRALIAN grown seed.....	2.00	7.00	24.00
CALIFORNIA Grown Seed.....	.65	2.25	8.00

Mixed Spencers Winter Flowering, oz., 65c; ¼ lb., \$2.00; lb., \$7.50.

CYCLAMEN---Boddington's Gigantic

Choicest English Strains.

	Tr.	100	1000		Tr.	100	1000
	pkt.	seeds	seeds		pkt.	seeds	seeds
CHEERY RED	\$0.50	\$1.00	\$9.00	PEACH BLOSSOM. Rose color.....	\$0.25	\$0.75	\$7.00
CRIMSON .....	.25	.65	6.00	PRINCESS MAY. Color pink.....	.50	1.00	9.00
CRIMSON AND WHITE.....	.50	1.00	9.00	ROSE OF MARIENTHAL. Shell			
LILAC .....	.25	.65	6.00	pink .....	.25	.65	6.00
PINK. Soft pink .....	.25	.65	6.00	SALMON KING.....	.50	1.00	9.00
ROSE. Light rose .....	.25	.65	6.00	SALMON QUEEN .....	.50	1.00	9.00
SNOWFLAKE. White .....	.25	.65	6.00	SALMONIUM SPLENDENS .....	.25	.80	7.50
SYRINGA-BLUE.....	.25	.65	6.00	WONDER(GLOXY)OF WANDS-			
WHITE BUTTERFLY.....	.50	1.00	9.00	BEK. Intense salmon-red ...	.50	1.00	9.00
PHOENIX. Cherry-crimson ..	.50	2.00	18.50	MIXED .....	.25	.60	5.50
PURPLE KING .....	.25	.80	7.50				
VULCAN. Rich crimson.....	.50	2.00	18.50				

MIGNONETTE---Boddington's Majesty

The best variety for greenhouse. Trade pkt., .60; ¼ oz., \$1.00; oz., \$7.50.

5 PER CENT DISCOUNT FOR CASH WITH ORDER.

Arthur T. Boddington Co., Inc., 128 Chambers St., New York City

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

Mention the American Florist when writing

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of
Pedigree Tomato Seeds Baltimore, Md.

Mention the American Florist when writing

American Bulb Co.

A. Miller, President.

WHOLESALE DEALERS IN

Bulbs, Seeds, Supplies, Etc.

178 N. Wabash Ave., Chicago, Ill.

Mention the American Florist when writing

THE J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

Send Us Your Order Now.

Imported Bulbs

Narcissi, Hyacinths and Tulips
Freesias and Japan Lilies

We Offer
The Best Stock Grown.

Write for
Trade Price List.

ST. LOUIS SEED CO.,

The Home of "Pure and Sure Seeds"

411-413 Washington Ave.,

St. Louis, Mo.

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed and
Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
Solicited.

SWEDSBORO, N. J.

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan,
Wisconsin and Idaho

MILFORD, CONN

BULBS Here. Prices 30 Per Cent Below Competitors

Vaughan's Seed Store believes in making close prices when it is possible to do so **with bulbs in hand**, not quoting at half price six months in advance and failing to deliver. Read the following and pass us **your general bulb orders**.

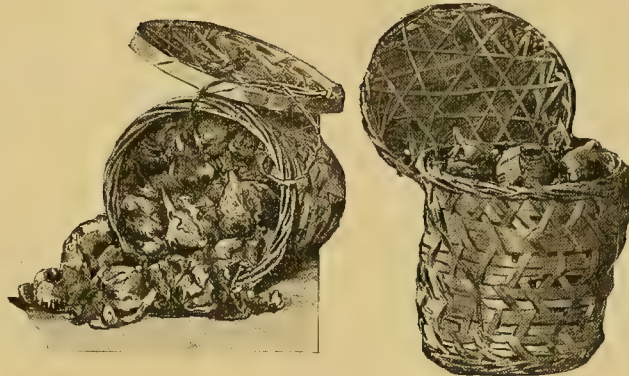
NARCISSUS, True

PAPER WHITE GRANDIFLORA

For quick shipment,
a few dozen cases

Size, 12 ctm. and up,
(in case lots while unsold)
per 1000, **\$7.85.**

Our advance contracts are
being filled in full with regu-
lar grades, either 13 ctm. up
or 14 ctm. up.



"JOSS" LILIES

(CHINESE NARCISSUS)

PER MAT (120
BULBS) - - **\$5.00**

(At N. Y. City, \$5.50.)

8 MATS (960
BULBS) FOR **\$37.50**

(At N. Y. City, \$40.00.)

FREESIAS

Lilium Formosum

	Per 1000
6 to 8-inch (350 to case).....	\$ 40.00
7 to 9-inch (250 to case)	58.00
9 to 10-inch (180 to case).....	80.00
10 to 12-inch (100 to case), per case, \$12.00.....	100.00

PURITY TRUE

	Per 100	Per 1000
½-in. to ⅝-in.....	\$1.25	\$10.00
⅝-in. to ½-in.....	1.00	7.00

VAUGHAN'S IMPROVED PURITY

	Per 100	Per 1000
½-in. to ⅝-in.....	\$1.75	\$15.00
⅝-in. to ½-in.....	1.50	12.00

It will pay you to have our "Book For Florists" at your desk.

CHICAGO

VAUGHAN'S SEED STORE

NEW YORK

James Vick's Sons

Seedsman, Nurserymen, Florists

SEEDS All the leading
PLANTS kinds for summer
BULBS and fall planting.

Ask for Catalogues. **ROCHESTER, N. Y.**

Mention the American Florist when writing

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

SIMON LOUIS FRERES & CO.,

Bruyeres-le-Chatel (Seine et Oise), France.

ESTABLISHED 1666.

Wholesale Growers and Exporters of Choice Stocks of

Vegetable, Flower and Forage Seeds

Specialties—Giant Half-Sugar Mangel-Wurzel, Beet, Carrot, Celery, Dandelion,
Endive, Leek, Lettuce, Radish, Swiss-Chard, Swede and Turnip,

IMPORTERS OF—Red-top, Meadow Fescue, Blue
Grass, Sunflower, Timothy and Garden Peas.

ENGLISH CORRESPONDENCE.

Our traveling salesman, **MR. LAWRENCE S. PAYN**, who has been calling on the American
trade for many years past, is now in the United States and all mail should be addressed
to him care **F. B. Vandegrift & Co., 15 Whitehall Street, New York.**

Mention the American Florist when writing

My New PRICE LIST of

Winter Orchid-Flowering Sweet Pea Seed

Has been mailed. If you have not received a
copy, send Postal for it.

Part of new crop is ready now.

Ant. C. Zvolanek, Lompoc, Calif.

Grass Mixtures

— FOR —

Golf-Tennis-Polo

MEET ALL REQUIREMENTS FOR ALL SOILS
The Albert Dickinson Co.,
CHICAGO, ILL.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenic, Cleveland, O., President; Howard W. Selby, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

Next annual convention will be held in Chicago, September 26-29, 1916.

BELMONT, MASS.—Charles E. Chennery, one of the pioneer market gardeners in this state, died at his home here, September 14, aged 75 years.

ST. LOUIS, MO.—A pageant in five episodes depicting the development of farm practice and equipment from the time of the Indian to the present day, will be a feature of the agricultural fair to be held here during Veiled Prophets' week, October 2-7.

PRICES paid producers in the United States for the principal crops increased 9.3 per cent during August and on September 1 the average was 21.9 per cent higher than a year ago and 18.6 per cent higher than the average for the same date during the past eight years.

THE Vegetable Growers Association of America is holding its ninth annual convention at Chicago this week with a large attendance, fine programme and trade exhibition. Some account of the early sessions will be found elsewhere in this issue. Many prominent market gardeners representing all sections of the country are taking part in the proceedings.

Prices of Indoor Fruits and Vegetables.

Chicago, Sept. 26.—Mushrooms, home grown, 25 to 35 cents per pound; lettuce, tomato boxes, 20 cents; radishes, 50 cents to \$1.00 per 100 bunches; celery, 35 to 40 cents per box; tomatoes, climax baskets, 30 cents; cucumbers, per climax basket, 10 cents to 25 cents.

New York, Sept. 26.—Celery, per crate, \$2.00 to \$4.00; cucumbers, 65 cents to \$3.00 per basket; mushrooms, \$1.00 to \$2.00 per 4-pound basket; tomatoes, per pound, 6 cents to 12 cents; radishes, per 100 bunches, 50 cents to \$1.00; lettuce, per strap, 75 cents to \$1.00.

Acreage Contracted for by Cannerys.

A preliminary estimate has been prepared by the bureau of crop estimates of the United States department of agriculture from the number of factories reporting in 1915 and 1916, with the total acreage given of corn, peas and tomatoes, the product from which was manufactured. No account is taken of tonnage bought outside of contract. The estimate is as follows:

Corn—Total number of factories reporting in 1916 was 287 as compared with 284 in 1915, the acreage being 191,820 in 1916 and 168,264 in 1915.

Peas—Factories reporting in 1916 numbered 181 with an acreage of 70,364 as compared with 180 factories with an acreage of 80,596 in 1915.

Tomatoes—The number of factories reporting in 1916 was 789, with an acreage of 130,157; in 1915, 774 factories with an acreage of 96,338.

Milwaukee.

PRONOUNCED SHORTAGE FOLLOWS FROST.

The recent frost, as reported last week, did enough damage to cause a pronounced shortage in a general way. This makes it inconvenient to fill orders, as the only thing that is what one would call plentiful are roses. With asters and dahlias off of the market, the few good gladioli that do come in are picked up quickly. The supply of carnations is still very limited and generally sold before unpacked. Owing to the shortage all kinds of lilies move briskly.

NOTES.

The writer in company with Wm. R. Schroeder, Gust Pohl, Nic Zweifel and Fred Holton, took a look at the various growing establishments in the latter's auto; mainly carnation growers were visited and the present outlook for a steady cut in quantity is somewhat distant, especially should we get a prolonged dark spell, otherwise most of the stock looked good and healthy. At the Schroeder Floral Co. they were finishing repairing the damage done by the hailstorm in April. Stock looks very promising. At A. Reinhardt's place in North Milwaukee, which is in prime condition, we found the "boss" busy getting the heating system in order for business. A new Kroeschell boiler has been installed. At Wm. Manke & Co.'s place they have finished moving a 45-foot brick chimney, 15 feet nearer to the boiler. It was a difficult task which took just a week. At the Greenwood Carnation Co., where they got through planting later than usual, everybody is busy trying to make the plant get a "move on." The Grunwald Bros.' place is in good order and the plants look promising; they have a good color and seem to take to the soil well. At Brown Deer, the Mueller Greenhouses will soon produce a crop of fine carnations; those grown under glass all summer look especially fine; a few new varieties are being given a chance this season on a moderate scale. Last, but not least, we visited the Holton & Hunkel range, which, from beginning to end, was in "apple-pie" order. All the roses are thrifty with no signs of mildew; a house of Russells in full bloom caught the writer's fancy; a lot of 4,000 cyclamen in various sizes are well done; other stock, such as ferns, bougainvilleas, solanums and the various green goods, all look good enough for the most critical.

The A. F. Kellner Co., who did most of the work at the fall openings of the department stores, last week, again showed what a person who knows how can do with stock which used for this purpose cannot always be kept in A No. 1 shape. This week they are busy decorating booths at the Auditorium for the pure food show.

Gust Pohl, who grows a great quantity of stevia every year, had all his plants out doors when the recent frost

came along, but by burning paper around the hatch about daybreak, he saved every one.

Harry Mann, formerly with Gust Rusch & Co., on September 23, opened a retail flower store at Vliet and 24th streets. Always room for one more.

Next week, Thursday, October 5, is florist club meeting and a large attendance ought to turn out and help start something. E. O.

ST. LOUIS, MO.—Miss M. Carroll, well known to the trade here, has opened a flower store at Shenandoah and Grand avenues.

PECONIC, L. I., N. Y.—D. V. Howell, the dahlia specialist, is exhibiting largely at the Riverhead fair this week. His display of dahlias is fine and well worth looking at. Mr. Howell took 10 first premiums, four second premiums and the blue ribbon for general display.

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.

THE BEST AMERICAN BOOK ON THE SUBJECT
170 Pages.—Price \$1.00—29 Illustrations.

AMERICAN FLORIST COMPANY
440 S. Dearborn Street, Chicago.

Miscellaneous Plants.

	2-in. 100	2-in. 1000	3-in. 100	3-in. 1000
Alternanthera	\$2.00	\$18.50	\$3.00	\$25.00
Lantana, 10 varieties.....	2.00	18.50	3.00	25.00
Moonvines, white & blue.....	2.00	18.50	3.00	25.00
Parlor Ivy, S. Scandens.....	2.00	18.50	3.00	25.00
Petunias, Double and single, mixed	2.00	18.50	3.00	25.00
Pompon Chrysanthemums.....	2.00	18.50	3.00	25.00
Salvia, Bonfire & Zurich.....	2.00	18.50	3.00	25.00
Swainsona, white.....	2.00	18.50	3.00	25.00

Cash with order.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

Some Fine Stock.

	Per 100	Per 1000
2½-in. Asparagus Plumosus.....	\$ 3.00	\$25.00
2½-in. Asparagus Sprengeri.....	3.00	25.00
2½-in. Asparagus Hatcheri.....	3.00	25.00
4-in. Asparagus Plumosus.....	7.00	65.00
4-in. Asparagus Sprengeri.....	7.00	65.00
2½-in. Begonias, 8 varieties.....	6.00	55.00
2½-in. Chinese Primroses, 20 kinds	3.00	28.00
3-in. Cyclamen, 8 separate vars...	8.00	75.00
4-in. Cyclamen, 8 separate vars...	20.00	175.00
2½-in. Snapdragons, white, pink and yellow	4.00	35.00
5,000 ferns in 5 varieties, fine stock, \$15, \$20 and \$25 per 100		
100,000 2 and 2½-in. Pot geraniums in 28 varieties.....	2.25	20.00
Also abundance of other stock.	Correspondence Solicited.	

ALONZO J. BRYAN, Wholesale
Florist.
Washington, New Jersey.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabiosa Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

BOSTON FERNS

Large Stock of Fine Plants.

5-inch, at.....per doz., \$3.00	7-inch, at.....per doz., \$ 9.00
6-inch, at.....per doz., 6.00	8-inch, at.....per doz., 12.00
	9-inch, at.....per doz., 15.00

Extra Special—\$1.50

We have a very fine lot of 9-inch Boston Ferns at the above price. These are beautiful specimens.

Per 100	Per doz.
Asparagus Sprengeri, 3 in.....\$ 5.00	Latania borbonica, 7 in.....\$12.00
Asparagus plumosus, 2½ in ... 3.00	Kentia Belmoreana, 5 in..... 9.00
Primula obconica, 4 in., \$1.50	English Ivy, 4 in..... 1.50
per doz..... 12.00	Pteris wimsetti, 4 in..... 1.00
	Pteris serrulata, 4 in..... 1.00
Cyclamen, best varieties and	Pteris cretica albo-lineata, 4 in. 1.00
color 5 in.....\$ 4.20	Aspidium Tsussimense, 3½ in.. 1.00
Ficus Nitida, 4 in..... 3.00	Crotons, 4 in., doz., \$4.20; 5 in.. 6.00

The George Wittbold Co.

Long Distance Phone, Graceland 1112

737 Buckingham Place, CHICAGO, ILL.



Mention the American Florist when writing

BRUNNINGS

Now contracting for Beans and Peas for 1917, 1916 stocks being exhausted.

AUSTRALIAN BROWN ONION

1915-1916 crop seed still available

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc.

Moorestown, New Jersey

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Asters,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

CHAS. H. TOTTY

MADISON, NEW JERSEY

Wholesale Florist

Chrysanthemum Novelties my Specialty

If You are interested in Mid-Winter

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower,
PERIN, ILL.

Bay Trees

STANDARD
OR
TREE SHAPED

Stems	Each	Pair
30-in. Crowns 24-in.....\$ 7.00	\$13.00	
45-in. " 26-in..... 7.50	14.00	
48-in. " 40-in..... 15.00	28.00	
PYRAMID—5 ft. high 24 in. diameter..... 8.00	15.00	
6 ft. " 26 in. "..... 10.00	18.00	

Boxwood Plants

IN TUBS

	Each	Pair
PYRAMIDS— 2½-ft.....\$2.00	\$3.75	
3-ft..... 2.50	4.50	
BUSH— 24-inch..... 1.25	2.35	
30 inch..... 2.75	5.00	
36-inch..... 3.75	7.00	
STANDARDS—18-20-inch stem, 12 inch ball tops. 3.00	5 50	
12-in. stem, 12-in. crown..... 1.25	2.25	
14-15-in. stem, 12-in. crown..... 1.50	2.75	
BUSH—Out of tubs— Doz. Per 100		
12-inch.....\$4.00	\$30.00	
18-inch..... 6.50	45.00	

Out of tubs 25c each reduction.

10% discount allowed on Pyramids in lots of 10 or more.
10% discount allowed on Bush shape in lots of 50 or more.

Fall "Book For Florists" Ready.

Vaughan's Seed Store

CHICAGO

NEW YORK



Mention the American Florist when writing

COTTAGE MAID

A SPORT OF MRS. C. W. WARD

Get your order in NOW for December and January Delivery.

\$12.00 per 100; \$100.00 per 1000.

COTTAGE GARDENS CO. Inc.

QUEENS, NEW YORK.

The Nursery Trade

American Association of Nurserymen.

John Watson, Newark, N. Y., President;
Lloyd C. Stark, Louisiana, Mo., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-second annual convention will be held at Philadelphia, Pa., June, 1917.

SACRAMENTO, CAL.—The exhibit of the Fancher Creek Nurseries of Fresno was destroyed when the main exhibit building at the state fair burned with a loss estimated at \$175,000.

Summer-Flowering Shrubs.

The flowers of many shrubs can now be seen in the arboretum, and others will appear almost constantly until the late autumn or early winter, when the witch hazels carry the period of blooming into another year. The last of the azaleas, the two white-flowered species of eastern North America, *Rhododendron (Azalea) arborescens* and *R. (Azalea) viscosum*, are now in bloom. A mass of the former can be seen on the right-hand side of the Valley road in front of the hickories, and *Rhododendron (Azalea) viscosum* can be seen in quantity on both sides of the Meadow road. Azaleas of different species have been flowering continuously in the arboretum since the middle of May, and the blooming of no other group of plants extends here over such a long period, although that of the viburnums and cornels is almost as long.—Arnold Arboretum Bulletin, July 19, 1916.

Spiraea Henryi.

Though introduced by E. H. Wilson as long ago as 1900, when collecting in China for J. Veitch & Sons, this spiraea is now making its presence felt in many gardens. Young plants make very rapid progress after the roots get well established, by throwing up vigorous stems, at first erect, then arching. No flowers are produced by these stems the first year, and they are termed barren. They are characterized by the length they attain in one season and by the large size of the leaves they bear. In these respects the species closely resemble *S. canescens* from the Himalayas, and the two are certainly not distantly related, for the latter is a very variable plant. Species belonging to diverse orders in the Himalayas are linked up by related or connected forms, extending through China to Japan, and this would indicate a natural line of direction of distribution extending back to relatively ancient times, and no doubt still in progress. Both these spiraeas, during the second season, produce short side branches terminating in a large, corymb or cyme of white flowers, and when the barren shoots of the previous year are long, say four feet to six feet or more, the effect is bold and pleasing. The leaves are much smaller on the flowering twigs, and this brings the flowers into greater prominence. On very vigorous shoots of the previous year the internodes are long, but as growth becomes more staid by a fuller occupation of the ground by the roots, the internodes are shorter and the trusses of blossom touch one another. I have noted both

conditions of the shrub this year, the stronger growth in the gardens of the Royal Horticultural Society at Wisley. The habit of the species indicates that it should be planted in an open position, where the arching branches can develop equally on all sides, and not in a crowded shrubbery.—J. F. in London Gardeners' Chronicle, July 22, 1916.

Lightning Danger of Trees.

Recently statistics have been collected in different parts of Germany as to the danger of different varieties of trees being struck by lightning. The result has been the following percentages: Oak, 32.1; larch, 9.5; fir, 3.8; pine, 1.8; scotch fir, 0.9; birch, 1.4; beech, 0.3; and alder, 0.0.

The character of the soil is an important factor among others as to the lightning danger. Trees growing in moist soils and along the courses of rivers and brooks and in the neighborhood of ponds are especially exposed to the danger. Trees with deep penetrating roots are more easily struck than those with shallow roots nearer the surface. As proof of this is the greater frequency of the apple tree being struck than the pear in the same orchard. It is also stated that the poplar stands first in danger before the oak, elm, ash, gum, and pear tree. Together with the beech the least attractive to lightning are chestnut, maple, alder, and mountain ash. Between these two groups stand the apple, cherry, linden, and walnut.

During thunder storms it is advisable therefore to avoid oaks, poplars, all varieties of pine, willows, elm and pear. If shelter is taken under a tree, which is always dangerous, it should not be under one standing alone. The planting of trees which attract lightning is recommended in the neighborhood of houses, especially poplars, partly to prevent the possibility of the rebounding of the lightning. It is well to provide such trees with metallic rods to make them really effective conductors of lightning.

WOONSOCKET, R. I.—Alonzo Vose will remodel one house and make improvements at his range in the near future.

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Adiantum Farleyense Gloriosa. The Glory Fern or Ruhm von Mordrecht. We have an extra large stock, in prime condition: 3-in., \$2 per doz., \$15 per 100, \$140 per 1,000; 4-in., \$3.50 per doz., \$25 per 100; 6-in., \$1 each. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

FERNS.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias. H. Plath, Lawrence and Winnipig Aves., San Francisco, Calif.

Ferns, Boston, 4-in., \$15 per 100; 7-in., \$6 per doz.; 8-in., \$1 each, \$9 per doz. Large plants in 11 and 12-in. pots, \$2.50 and \$5 each. R. Vincent, Jr. & Sons Co., White Marsh, Md.

BOSTON FERNS, fine, heavy plants from 4-in. pots, \$1.50 per doz., \$12.00 per 100; 5-in., extra fine, \$2.25 per doz., \$18.00 per 100. THE WAGNER PARK NURSERY CO., Sidney, O.

TABLE FERNS, best varieties, fine stock, 2-in., \$3 per 100, \$25 per 1,000; 3-in., \$5 per 100, \$40 per 1,000. HENRY SMITH, Grand Rapids, Mich.

FERNS—Boston, Roosevelt, Springfield, 4-in., \$7.50 per 100; 3-in., \$5.50 per 100. Fine stock. Cash with order. THE COLONIAL GARDENS, Orlando, Fla.

Fine Nephrolepis ferns. For varieties and prices see advertisement elsewhere in this issue. F. R. Pierson Co., Tarrytown, N. Y.

Ferns, Boston, 5-in., 40c each. New fern, John Wanamaker, 6-in., 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

Fern dish ferns, 2½-in., best sorts, \$3 per 100. The Storrs & Harrison Co., Painesville, O.

GERANIUMS.

GERANIUMS. Extra strong, 2-in., S. A. Nutt, Ruby (best dark red), Dagata, Ricard, Red Wing, Vland, Landry, La Favorite, Perkins, Oberle and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wylie, Aviator, Rogers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. F. H. DE WITT & CO., Wooster, O.

Geraniums, in good 3-in. stock at \$3 per 100; \$25 per 1,000; 2-in., at \$2 per 100. R. Vincent, Jr. & Sons Co., White Marsh, Md.

GERANIUMS. Mixed varieties, fine healthy plants, \$3.00 per 100. M. C. GUNTERBERG, 158 North Wabash Avenue, Chicago.

Geraniums, 100,000 in 2 and 2½-in. pots, in 28 varieties, \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, S. A. Nutt and Buchner, \$10 per 1,000; Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

GREENS.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. Caldwell, The Woodsman Co., Evergreen, Ala.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

HYDRANGEAS.

HYDRANGEA OTAKSA, and French varieties, Emile Mouillere, Avalanche, Bouquet Rose, from 4-in. pots, \$1.75 per doz., \$13.50 per 100; 5-in., \$2.50 per doz., \$20.00 per 100; 6-in., \$3.75 per doz., \$30 per 100. All fine heavy plants. THE WAGNER PARK NURSERY CO., Sidney, O.

HYDRANGEA OTAKSA, 4-in., 20c for Christmas blooms; 5-in., 35c; 6-in., 45c; well branched out. Bargains for cash only. H. W. ALLERSMA, Grand Rapids, Mich.

HYDRANGEA OTAKSA, 3-in., \$5 per 100. Flowering sizes pot-grown, 25c to 50c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

JERUSALEM CHERRIES.

Jerusalem Cherry, 4 to 5-in. pot, \$1.50 per doz.; \$10.00 per 100.

THE F. WALKER CO., 312 W. Chestnut St., Louisville, Ky.

LANTANAS.

LANTANAS, mixed, 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.**From Storage.**

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch plps. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the valley. Finest in existence. For quotations address Otto Mann, Leipzig, Saxony, Germany.

MOONVINES.

Moonevines, lemon verbenas, swainsona, parlor ivy, S. scandens, alternanthera, coleus Salvia Bonfire and Zurich, cuphea, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr. & Sons Co., White Marsh, Md.

ORCHIDS.

Orchids in season, gardenias and roses in all leading varieties. Beechwood Heights Nursery, Bound Brook, N. J.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PAEONIA ROOTS.

Paeonia roots, must be moved at once. Our \$20,000 stock of these contains the best cut flower sorts for florists. Write for complete list. Vaughan's Seed Store, Chicago.

PALMS.

LATANIA BARBONICA PALMS, 15-in. tubs, suitable for decorative work, \$5 each. Pandanus Veitchii, 15-in. tubs, \$5 each. HENRY SMITH, Grand Rapids, Mich.

Kentias, Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th sts., Philadelphia, Pa.

Kentia Palms, 4-in., \$40 per 100; 5-in., \$1 each. The Storrs & Harrison Co., Painesville, O.

Palms. Joseph Heacock Co., Wyncote, Pa.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. HENRY SMITH, Grand Rapids, Mich.

PANSIES.

Giant Flowering Pansy seedlings, heavily rooted, 35c per 100; \$2.50 per 1,000. Steele's Private Stock Pansy seedlings, exhibition strain. 50c per 100, \$4.50 per 1,000. Prepared to ship immediately short distances; advise shipping long distances only after October 10, to allow frost to harden. Cash. JOS. H. CUNNINGHAM, Delaware, Ohio.

PANSY PLANTS. Henry Mette's strain, strong and stocky, all giant flowering, \$2.50 per 1,000. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

PEONIES.

PEONIES—\$20,000 worth of best named varieties at our nursery, Western Springs, Ill. Now is planting time. Let us quote you. VAUGHAN'S SEED STORE, Chicago and New York.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

Peppers, Bird's-Eye, bushy plants, 4-in., \$12.00 per 100; \$100.00 per 1,000.

Peppers, Celestial, 4-in., \$12.00 per 100; \$100.00 per 1,000.

Jerusalem Cherry, 4-in., \$12.00 per 100; \$100.00 per 1,000.

PYFER & OLSEM, Wilmette, Ill.

PRIMROSES.

PRIMROSES, Obconica, Chinensis and Malacoides, 2-in. pots at \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

POINSETTIAS.

POINSETTIAS, fine plants, \$5.00 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIMULAS.

PRIMULA MALCOIDES.	
Extra fine stock.	100 1,000
2-inch	\$27.50
2½-inch	4.00 35.00
3-inch	6.00 50.00
PYFER & OLSEM, Wilmette, Ill.	

PRIMULAS.	
Obconica, 2-in.	\$3.00
Malacoides, 2-in.	3.00
Malacoides, 3-in.	6.00
ERNEST ROBER, Wilmette, Ill.	

Primula Obconica, 4-in., \$1.50 per doz., \$12 per 100. The George Wittbold Co., 737 Buckingham Place, Chicago.

PRIVET.

California Privet, of superior quality, in all sizes from one to four feet. J. T. Lovett, Little Silver, N. J.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

PTERIS.

Pteris Wimsettii, 4-in., serrulata, 4-in., certica albo-lineata, 4-in., \$1.00 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

RASPBERRY PLANTS.

St. Regis Raspberry Plants, 2 yrs. (Everbearing Red).
\$1.50 per 100; \$10 per 1,000.
THE F. WALKER CO.
312 W. Chestnut St., Louisville, Ky.

RESURRECTION PLANTS.

RESURRECTION PLANTS (Mexican Evergreen) scarce, per 100, \$3.25; per 1,000, \$25.00. Vaughan's Seed Store, 43 Barclay St., New York.

ROSES.

ROSES.
2,000 White Killarney, 2½-in., grafted, good, big plants.....\$8.00
2,000 Richmond, 2½-in., grafted, good, big plants.....8.00
1,000 Cecile Brunner, 3-in., own root, choice stock.....4.00
500 American Beauty, 3-inch.....8.00

BASSETT & WASHBURN,
178 N. Wabash Ave., Chicago.

FINE 2½-INCH ROSE PLANTS.
100 1,000
Killarney\$4.00 \$35.00
Richmond3.00 25.00
Geo. Elgar (Baby Yellow).....4.00 35.00

WIETOR BROTHERS,
L. D. Phone, Randolph 2081.
162 N. Wabash Ave., Chicago.

Roses. Grafted 3½-in. stock: Pink and White Killarney, Brilliant, Old Gold, Scott Key, Elgar, \$140 per 1,000. Grafted 2½-in. stock: White Killarney, \$100 per 1,000. Own root, 3½-in. stock: Pink and White Killarney, Old Gold, Richmond, Elgar, \$96.70 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.
English Roses. Guaranteed two-year-old, low budded on briar, clean, hardy, field-grown stock. Dwarfs and climbers. For varieties and prices see advertisement elsewhere in this issue. Bees, Ltd., 1075 Mill St., Liverpool, Eng.

ROSE PLANTS, Pink and White Killarney, 3-in. pots, own roots, \$6 per 100; \$50 per 1,000. My Maryland, 3-in., at \$8 per 100, \$75 per 1,000. All first-class stock. HENRY SMITH, Grand Rapids, Mich.

ROSES. 300 good, healthy Killarneys, grafted from 4-in. pots, 10c each, to close out. Cash or satisfactory reference. Can use a few Rose Pink Enchantress. W. W. COLES, Kokomo, Ind.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses, cannas and shrubbery. The Conard & Jones Co., West Grove, Pa.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seeds, contract growers of pepper; egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds. Spencer Winter-flowering Sweet Peas, Cyclamen. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington Co., Inc., 128 Chambers St., New York.

Seeds, contract growers of cucumber, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

SEEDS.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, tree, shrub and palm. For nursery and florists. Write for prices. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seed. Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, specialties: Lettuce, onion, sweet pea, aster, cosmos, mignonette, verbena in variety. Waldo Rohnert, Gilroy, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsley, parsnips, turnips. R. & M. Godineau, Angers, France.

Seeds, large growers and shipper of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Bogliano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Flower and garden seeds. Sweet Pea and Nasturtium a specialty. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds. Vegetable, flower and forage. Simon Louis Freres & Co., Bruyeres-le-Chatel (Seine et Oise), France.

Seed. Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

Seed. High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds. Flower, sweet pea and nasturtiums. The L. D. Waller Seed Co., Guadalupe, Calif.

Seeds. All the leading kinds for summer and fall planting. James Vick's Sons, Rochester, N. Y.

Seed. Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seeds, flower, vegetable and farm. Wholesale only. Kelway's, Langport, England.

Seeds. Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seeds. Flower and garden. Barnard Seed Store, 231-235 W. Madison St., Chicago.

Seed. For the wholesale trade only. Brazilian Seed Growers' Company, San Jose, Calif.

Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seeds which succeed. Get quotations from Landreth, Bristol, Pa.

SPHAGNUM MOSS.

Sphagnum moss, 12 bales for \$10. Poehlmann Bros. Co., Morton Grove, Ill.

SWAINSONA.

SWAINSONA, 4-in. pots, fine plants, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

VEGETABLE PLANTS.

Grand Rapids and Big Bostonhead lettuce, strong plants, \$1.00 per 1,000. Parsley; double curled, \$3.00 per 1,000. Satisfaction guaranteed. S. T. DANLEY & SON, Macomb, Ill.

VINCAS.

Vinca variegata, 2-in., \$2 per 100; \$20 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

STOCK WANTED.

STOCK PLANTS. E. G. Hill, Jean Vland, Ivy-leaf geraniums, flowering Begonias, Lantanas. Field clumps of good varieties Cannas. What have you? Would exchange hardy plants. THE WAGNER PARK NURSERY CO., Sidney, O.

MISCELLANEOUS.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Av., Detroit, Mich.

Choice landscape, decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., box 404, Dundee, Ill.

Boiler flues, cleaned and trimmed. Stuttle's clamps and elbows to join flues. H. Munson, 1353 N. Clark St., Chicago.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Japanese tea garden and rockery for your summer house made in a short time. T. R. Otsuka, 300 S. Michigan Ave., Chicago.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 509 Exchange Ave., Room 5, Chicago, Ill.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Vaughan's perfection points. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Nursery stock of all descriptions. Catalogues and price lists free on application. The Storrs & Harrison Co., Painesville O.

Florists' Greening Pins. Box of 10 lbs., \$1.50; 5 boxes, \$7.00. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Catalogues. Large runs our specialty. Write for prices. Regan Printing House, 527 Plymouth Place, Chicago.

Baskets of every description. Write for catalogue. Raedlein Basket Co., 713 Milwaukee Ave., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 1302-1308 West Division street, Chicago.

Greenhouse glass. Write for prices. Okmulgee Window Glass Co., Okmulgee, Okla.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Boilers of high grade for greenhouses. Write for catalogues. Giblin & Co., Utica, N. Y.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Blooming plants or anything in soft wooded plants. Geo. A. Kuhl, Pekin, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

Shipping Labels for Cut Flowers



Printed in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Very attractive. Size $6\frac{1}{2} \times 4\frac{1}{2}$.

Price per 500, \$2.85; per 1000, \$4.50.
Send for sample.

**ELECTRO OF THIS LEAF,
POSTPAID \$1.25**

American Florist Co., 440 S. Dearborn Street, Chicago.

MISCELLANEOUS.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Hail storm insurance. John G. Esler, Sadle River, N. J.

Glass, large stock and good prices. Sharp, Partridge & Co., Chicago.

Wired toothpicks, 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Greenhouse boilers. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Everything the best in florists' supplies. H. Bayersdorfer & Co., 1127 Arch St., Philadelphia.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

GREENHOUSE INSURANCE.

Cyclone and hail insurance; also insurance on growing crops while in the fields. The American Mutual Cyclone and Hail Insurance Co., Muncie, Ind.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

GREENHOUSE CONSTRUCTION.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 982 Blackhawk St., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Pecky Cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

INSECTICIDES.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nikoteen, for spring spraying. Aphis Punk, for fumigating. Nicotine Mfg. Co., St. Louis.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

POTS AND PANS.

Neponset flower, vegetable waterproof paper pots. Vaughan's Seed Store, Chicago and New York.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kohr, 2934-36 N. Leavitt St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c for 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 264 Randolph St., Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

STAKES.

Cane Stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Rose stakes, extra stiff, No. 9 galvanized wire, $4\frac{1}{2}$ -ft., \$13.50 per 1,000; carnation supports, \$18 per 1,000. The Carnation Support Co., Connersville, Ind.

WIRE WORK.

Florists' wire designs and fancy wire lamp shades. NORTHWESTERN WIRE WORKS, 228 13th Ave., N. E., Minneapolis, Minn.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

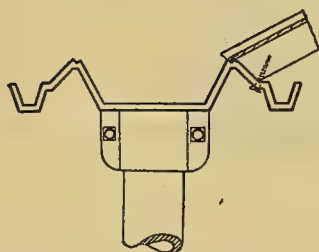
The Gigantic Garland Trussed Steel Frame Greenhouse of Davis & Steiner, Ottawa, Ill.



Last year we built the gigantic greenhouse shown, under construction, in the illustration above. Messrs. Davis & Steiner were so well pleased with the work we did for them that they have given us an order for the material for

TWELVE MORE HOUSES

to be erected at their Streator establishment.



THE
FAMOUS
GARLAND
CAST IRON
GUTTER

This is a good time of the year to take up the matter of new greenhouses, as well as additions to present ranges, and it is for this reason we suggest that you write us regarding your requirements.

Remember, we are greenhouse men as well as manufacturers. We operate our own foundry, machine shop and wood mill, which have been designed, erected and equipped for the fabrication of greenhouse material.

Send us your inquiries. You should try the GARLAND BRAND of quality and service and learn for yourself the satisfaction of doing business with us. You will come back for more, just as Messrs. Davis & Steiner did.

VISIT US AT THE VEGETABLE GROWERS' CONVENTION.

GARLAND MANUFACTURING COMPANY

LOUIS WITTBOLD, President.

Des Plaines, Ill.

(Suburb of Chicago.)

Dreer's Peerless Glazing Points
For Greenhouses


Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No rights or lefts.

The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

1000, 75c, postpaid. Samples free.

HENRY A. DREER,
714 Chestnut Street,
Philadelphia.

FULL SIZE No 2



Mention the American Florist when writing

A Recent Subscriber to Our Credit and Information List Says:

'Think it the best money we have ever spent.

For full particulars write

NATIONAL FLORISTS' BOARD OF TRADE
56 PINE STREET, NEW YORK CITY

Mention the American Florist when writing

Greenhouse Heating.

ED. AMERICAN FLORIST:

I have a greenhouse, 20x45 feet, which I wish to heat with hot water. There are four benches. My boiler is an 1848 B Capitol. I also have 700 feet of two-inch pipe. Would I get better results by having two 2½-inch overhead flows and four 4-pipe coils of two-inch pipe under my benches, or have my four 4-pipe coils for flows, having them raise to the far end of my house and return in four 2½-inch returns? I have no generator. Would 2½-inch returns be large enough for returns? The house is used for carnations. Top of boiler is two feet below floor level of greenhouse. E.

Illinois.

We do not recall the capacity of a 1848 Capitol heater, but if it has a rating of 400 square feet of hot water radiation, it will be amply large for heating a greenhouse 20x45 feet for growing carnations.

The amount of radiation suggested is nearly twice as much as will be needed. There is no occasion for using more than eight 2-inch returns. These may be divided into four coils of two pipes each and supplied by two 2½-inch flow pipes, or since there is more 2-inch pipe than will be required for the returns, we would suggest that three 2-inch flows be used, placing one upon each plate and the other two feet below the ridge. Place two of the returns under each bench and supply the two middle coils from the overhead flow pipe.

If the sides of the houses are very much exposed, it may be helpful if four flow pipes are used, two being upon the plates and the others under the purlins, and one flow can then be used for each coil. The 2-inch flows may be connected directly with the boiler, or one 2½-inch pipe may be used for the main flow. While this would answer when four flows are used, it may then be better to use 2½-inch flows as mains to supply them. We would then use two 2½-inch main returns, although one would answer if there is only one return port.

L. R. T.

WESTERLY, R. I.—George L. Stillman's new dahlia, named The Millionaire, is attracting considerable attention at exhibitions in this vicinity.

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"THE BOILER OF UNEQUALED FUEL ECONOMY"
BUY DIRECT—FROM-FACTORY-TO-USER PRICES

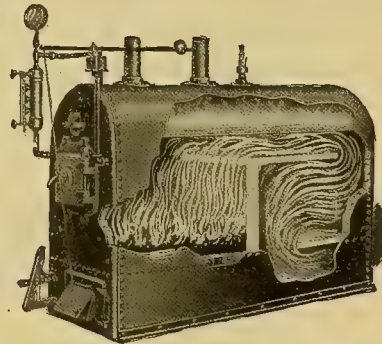
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Every boiler made at our works is of the highest standard. Material—governed by Kroeschell specifications—the best that money and brains can produce. Workmanship—the kind that is an inspiration to all other boiler-makers. Boiler efficiency—determined by actual tests under working conditions. Boiler ratings—honest and true-blue—guaranteed actual working capacities.

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For Steam, Hot Water, Vapor or Vacuum Heating Systems

Probably you have wondered why the Kroeschell Greenhouse Boiler is not sold by any of the greenhouse construction companies. In justice to all concerned, we feel it is our duty to state that the Kroeschell Boiler is never sold by anyone but THE KROESCHELL BROS. CO. We have no agents, and, as our prices are based on sales direct from factory to user, we do not quote anyone dealing in boilers special resale prices. Our stand in this matter has brought out a lot of competition; nevertheless, the great efficiency of the Kroeschell Greenhouse Boiler cannot be disputed, and in spite of the keen competition the Kroeschell Greenhouse Boiler is heating more glass than any other make.

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SIZE 2 1/2
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No. 2. price per box of 1000 (weight, 1 lb.) 55c; in lots of 5000, 50c per 1000.
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GREENHOUSE GLASS

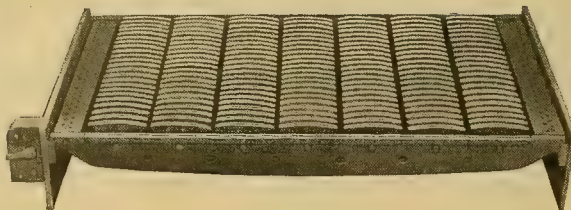
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OWING to the scientific construction of the **HANSELL ROCKER GRATE**, we can positively guarantee a considerable **SAVING IN FUEL**, maximum boiler efficiency at minimum cost and practically eliminate repairs.

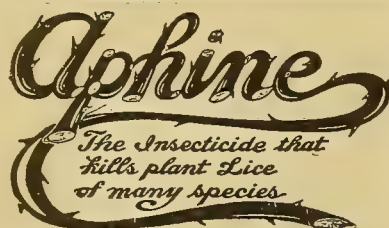


Single section closed, showing correct air area, resulting in perfect combustion, more heat, less fuel, impossible to burn out, a pleasure to operate.

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Until further notice shipments on our products **Fungine, Vermine** and **Scaline** will be subject to conditions of the chemical market.

Prompt shipments can be guaranteed on **Aphine** and **Nikotiana**.

APHINE MANUFACTURING COMPANY
MADISON, N. J.

Providence, R. I.

BUSINESS IS SATISFACTORY.

Business during the past week has been good. While asters are becoming more limited in supply but carnations are beginning to arrive and roses are good in quality and meet with a ready sale. The supply of gladioli is shortening daily and prices are advancing in consequence. Dahlias have been very popular this year.

NOTES.

The fall openings of the department stores in this city have created a good demand for palms, many being used in the decorations.

The Westminster Greenhouses are getting their new houses well in shape. They make a vast improvement to this range.

Smith, The Florist, has had his auto repainted and it makes a fine showing.

H. A. T.

SUMMIT, N. J.—Chas. T. Behr will build a range on Passaic street.

CLEVELAND, O.—Jack Keck has moved to new and more commodious quarters at 9002 Cedar avenue, where, in addition to his florist business, he will make a feature of landscape designing. He will also carry a full line of seeds, bulbs, baskets, etc. He anticipates business during the coming season to show an increase of about 75 per cent.

Aetna Brand Tankage Fertilizer

Is a fertilizer carrying in perfect proportion the ten salts constituting soil. It possesses the means of restoring to the soil the native salt or plant food taken up by a crop in its growth, and in so doing maintains the proper percentage of fertility to sustain and build up a healthy crop. It is used by the largest florists in the United States and is unsurpassed as a fertilizer in the cultivation of tomatoes, cucumbers, lettuce and cereals.

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IT PAYS TO BUILD FOLEY GREENHOUSES



BERKEL & REDING'S RANGE OF FOLEY VEGETABLE HOUSES, WILMETTE, ILL.

The houses shown above are each 41 feet wide by 140 feet long of Pipe Frame Construction.

They are properly designed and make ideal houses for vegetable growing.

If you contemplate building, why not have it done the **FOLEY WAY**. "We Know How."

THE FOLEY GREENHOUSE MFG. CO.

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SEND FOR BOOKLET
King Construction Co.
NORTH TONAWANDA N.Y.

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"ALL-HEART" CYPRESS
WORKED TO SHAPES.
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NICOTINE 40%

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The GRASSELLI CHEMICAL CO.
CLEVELAND NEW YORK CINCINNATI
CHICAGO MILWAUKEE ST. PAUL
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WRITE FOR PRICES



Our Material

will do lots of things
such as carry steam
pipe, tie pipes, make
shelves, operate sash,
brace houses, con-
struct benches, take
care of part of the con-
struction and many
other useful things.

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FOR Greenhouse Glazing
USE IT NOW.
F.O. PIERCE CO.
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Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.

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1,000 Envelopes, 6 3/4 size } **\$4.75**

CASH WITH ORDER—No C. O. D.

Proof will be submitted for approval. Stock, 20 lb. white bond on both letterhead and envelope—one color ink. Satisfaction guaranteed.

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WRITE FOR PRICES

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RED
POROUS****POTS**POT MAKERS FOR A
CENTURY AND A HALF.

Standard, Azalea, Bulb, Orchid, Fern, Hanging, Embossed, Rose, Carnation, Palm, Cyclamen, Cut Flower. Special Shapes to Order. Chicken Fountains, Pigeon Nests, Bean Pots, Etc.

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Cambridge, Mass. New York, N. Y.**Syracuse Red Pots
Standard Pots
Azalea Pots, Pans**

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Unsurpassed.

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**NEPONSET****Flower Vegetable Waterproof
PAPER POTS**

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because it has proven by experience that it is the very best, most practical stand on the market. Enameled green. Made in three sizes to extend to 30, 44 and 56 inches. Price, \$18.00 per dozen.

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New Brand, New Style,
Hose "RIVERTON"Furnished in lengths
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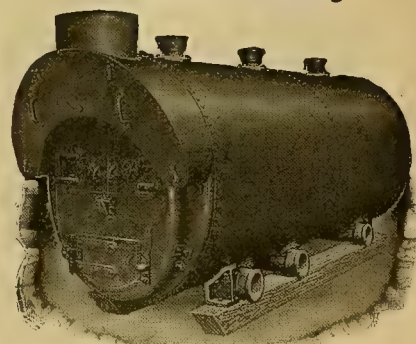
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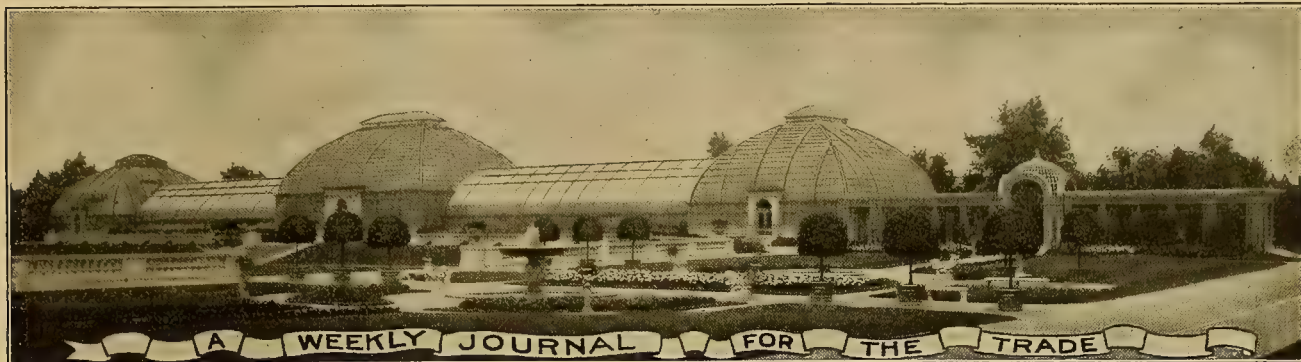
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Vol. XLVII.

CHICAGO AND NEW YORK, OCTOBER 7, 1916.

No. 1479

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conventions at New York, August, 1917; St. Louis,
Mo., 1918.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at
Indianapolis, Ind., 1917. J. F. AMMANN, Ed-
wardsville, Ill., President; W. J. VESSEY, JR., Ft.
Wayne, Ind., Vice-President; A. F. J. BAUR,
Thirty-eighth St. and Rockwood Ave., Indian-
apolis, Ind., Secretary.

AMERICAN ROSE SOCIETY.

Next annual convention and exhibition, 1917.
S. S. PENNOCK, Philadelphia, Pa., President;
LOUIS J. REUTER, Westerly, R. I., Vice-President;
BENJAMIN HAMMOND, Beacon, N. Y., Secretary.

AMERICAN ASSOCIATION OF PARK SUPERINTENDENTS.

Next annual meeting, New Orleans, La., Octo-
ber 10-12, 1916. EMIL T. MISCHKE, Portland, Ore.,
President; ROLAND COTERILL, Park Depart-
ment, Seattle, Wash., Secretary-Treasurer.

CHRYSANTHEMUM SOCIETY OF AMERICA

Annual convention and exhibition at Phila-
delphia, Pa., November, 1916. WM. KLEINHEINZ,
Ogontz, Pa., President; C. W. JOHNSON, 2134 W.
10th Street, Chicago, Secretary

AMERICAN DAHLIA SOCIETY.

OFFICERS—RICHARD VINCENT, JR., White
Marsh, Md., President; J. HARRISON DICK, 1426
Seventy-third Street, Brooklyn, N. Y., Secretary.

American Dahlia Society.

Second Annual Meeting Held at New York, Sept. 26-28, 1916

Supplementing Report in Last Week's Issue.

A Highly Successful Show.

As announced in our issue of Sep-
tember 30, page 546, the annual exhi-
bition of the American Dahlia Society
was held in the Engineering building,
25-33 West Thirty-ninth street, New
York, September 26-28, in conjunction
with the American Institute.

It is a far cry from the dahlias of
our grandmothers' gardens with their
quilled, perfectly rounded forms to the
giant, peony-flowered, decorative and
cactus types of today. The exhibition
which was thrown open to the public
on the evening of September 26, proved
a revelation even to many who thought
themselves well posted on this gorgeous
garden flower. It was far and away
the best exhibition of dahlias ever seen
in the United States, or as President
Richard Vincent, Jr., said to several
admirers dahlia enthusiasts, "No one
has ever seen better; it is the finest
show ever staged anywhere." And not
caring to dispute so high an authority,
and being the best by far it has ever
been our pleasure to enjoy, we say
"Amen," and will try to describe it.

The exhibition was staged in two
large rooms on the fifth floor, well
lighted during the day and brilliant
at night with indirect illumination
from behind the cornices at the ceil-
ing. There were about 350 entries from
all sections of the eastern and middle
states and as far south as Kentucky.
The long stemmed classes were staged
on tables arranged around the walls,
while the individual blooms were dis-
played down the center on wide tables
the length of the halls. These latter
were the feature of the show. There
were two tables with some 600 vases
each, these containing single specimen
flowers that had been nurtured with
the greatest care, many of them meas-
uring from six to eight inches in diam-
eter. The receptacles were half-pint
milk bottles and supported the blooms
admirably. Every type seemed to be
at its best and equally beautiful—
decorative, peony-flowered, cactus, show
and fancy were all seen in various col-

ors in their classes or intermingled in
beautiful color contrasts in collections
of 100, 50 or 25, each flower resting on
a leaf which seemed to hold up the
petals and project the bloom slightly
toward the front. All of the varieties
were labeled and many of the visitors
were kept busy taking down the names
of the ones they most admired.

Maurice Fuld, New York, had large
exhibits in these classes and won six
first and two second prizes. Many
especially fine specimens were seen in
this exhibit, among them being Sul-
phurea, Sulphur King, Mrs. Nathaniel
Slocumb, Mrs. Francis King, Glory of
New Haven and White Excelsior.

W. D. Hathaway, New Bedford,
Mass., was away out in front in these
specimen blooms, sweeping the record
clean in the 100, 50, 25 and 10 flower
classes. His blossoms were superb;
the varieties that especially stood out
were Neiberlungenhort, Jean Charmer,
Cuban Giant, Kalif, Dudley C. Hatha-
way 2nd, Geisha, Manitou, W. D. Hatha-
way, Mon. Leonard Monde, and Be-
loït. In fact, all were very fine and
showed great culture. Mr. Hathaway
was awarded 10 first and three second
prizes. George L. Stillman, Westerly,
R. I., who has generally carried off
the first honors at recent dahlia shows,
although he had his usually fine dis-
play and entries in all classes, failed
to score, showing how the standard
is being raised.

The best single exhibit was that of
W. Atlee Burpee & Co., Philadelphia,
Pa., whose table extended across and
filled one end of the front hall. The
flowers were beautifully arranged
against a background of black velvet.
Tall standards, supporting numerous
small vases, held long stemmed flow-
ers, which were so placed as to make
large loose bouquets, with the flowers
all facing the front. Below these were
placed a number of baskets of one
variety each, and on the balance of
the table in front were displayed the
small vases of choice single specimens.
Fall grasses and asparagus sprays were

used to decorate the vases and table, which was finished with a green baize curtain along the front. This is the English style of displaying blooms at flower shows, and is most effective. It was easily the feature of the show, and was awarded the H. F. Michell gold medal for the finest and most meritorious display.

The center of the hall contained the single blooms, some 1,200 separate specimens in all the many types, noteworthy being the narrow twisted cactus, with their huge clusters of twisted petals in color as varied as the rainbow; as they stood in their vases in large blocks, they attracted much attention.

At the opposite end of the hall from the Burpee exhibit was that of R. Vincent, Jr., & Sons Co., White Marsh, Md. At the rear was a row of vases holding flowers with long stems, in front of which were several hundred short stemmed specimen flowers in short vases. Asparagus green was freely used to set off the brilliant colors of the flowers. It was a very fine collection of most of the popular exhibition sorts.

The table of O. P. Chapman, Jr., Westerly, R. I., in this hall was filled with enormous single specimen blooms. Baskets at the corners and center were nicely arranged with choice longer stemmed stock. The general excellence of these flowers was commented upon by all the visitors.

The largest flower was the red cactus, Valiant, which measured 10½ inches in diameter. J. Gowiana, of Leoni, N. J., was the exhibitor. Alongside was the smallest, a red pompon, called Belle of Springfield, about one inch in diameter, staged by Wm. Shillaber, Essex Falls, N. J.

W. A. Manda, South Orange, N. J., exhibited a table of his seedlings; many of them giant flowers. His Joseph and Albert Manda are two immense flowers. Mrs. A. J. Du Pont is another choice variety. Minnie Burgess is a stunning red. Mr. Manda says he has had flowers of Albert Manda 11½ inches in diameter.

Rahalian from E. D. Adams, Rumson, N. J., is a single white with a wide edge to each petal of a brownish yellow or buff, a very striking novelty. A cactus Geisha, between Geisha and J. B. Fry, is a wonderfully fine flower. J. F. Anderson, Bernardsville, N. J., was the exhibitor. A vase of Valiant with very long stems, an immense flower, was a conspicuous feature. This was staged by J. Gowiana, Leoni, N. J. Mrs. J. F. Cartledge, Locust Valley, N. Y., arranged a vase of assorted long stemmed flowers to which the judges were glad to award a blue ribbon; it contained splendid specimens. C. Louis Alling, West Haven, Conn., won out with a vase of cactus with stems 12 to 15 inches, against two competitors whose stock was much longer stemmed and larger flowers; quality of bloom was no doubt the factor.

Wm. Darlington, Mamaroneck, N. Y., won first for vases of very fine singles. This class seemed rather to be neglected, as there were not many entries. A small collection of collar-ettes by C. Louis Alling was strikingly beautifully; they were crowded in between two entries of long stemmed stock but should have had a place in the open. The feature of the exhibit of the Brookcrest Gardens, Cranberry, N. J., was their pompons, which were very interesting and beautiful, being perfectly and regularly formed and of brilliant coloring.

The prize for the largest collection in the amateur class was won by Wm. P. Thomas, Fort Thomas, Ky. These flowers were brought 800 miles, but were as fresh and perfect as if cut the day before.

The seedling selected from six competitors to be named after "Mrs. Gertrude Dahl Mordecai" was a pale primrose pink, a beautiful peony flowered variety. It was staged by Mrs. Charles H. Stout, Short Hills, N. J. It is very distinct.

The feature in design work was a tall vase five feet in height, on base,

all made of Sylvia dahlias. It was also filled with the same variety on long stems. It was very tastefully arranged and a credit to the artists, Young & Nugent, New York.

Max Schling staged a large high-handled basket of dahlias that was very showy; also a trellis window box which had the unique feature of a mirror in place of the usual trellis. This was divided by rustic sticks into four parts, resembling window panes; the plants and flowers in the box being reflected in the mirror, added not a little to its effectiveness. A tall, round, group of dahlia flowers, grasses and other foliage in the center of the hall was quite effective. This was staged by Harold Cottam, Wappingers Falls, N. Y. Fred P. Webber, Newport, R. I., exhibited splendid pompons. His Douglas Tucker, violet and Ideal were splendidly formed flowers of this miniature class. John P. Rooney's peony dahlia, Mrs. Frederick Grinnell, is a beauty; it has received gold, silver and bronze medals and certificates at previous exhibitions and added the society's certificate of merit to its collection. It is a splendid flower, a true peony of a rich cerise shade of pink, and is held to be a wonderful keeper.

A very fine white decorative, Jean Kerr, a seedling of the W. Atlee Burpee & Co.'s collection, raised by George W. Kerr, and named in honor of his daughter, received the society's certificate of merit. Frank P. Quinby also received a certificate for Fiery Cross, a crimson peony.

Mills & Co., Mamaroneck, N. Y., staged a table of fine flowers; handsome specimens of all the various types. R. L. Austin, Tuckerton, N. J., entered in a number of classes, his peonies and cactus being very fine. He won five first and two seconds. Wm. J. Mathison, Huntington, N. Y., won first for 50 flowers in variety; they were splendid specimens. W. D. Hathaway's 100 cactus won first while Geo. H. Walker's 100 were just



AMERICAN DAHLIA SOCIETY'S EXHIBITION, NEW YORK, SEPTEMBER 26-28, 1916.
Partial Display in Front Hall.



AMERICAN DAHLIA SOCIETY'S EXHIBITION, NEW YORK, SEPTEMBER 26-28, 1916.
Section of W. Atlee Burpee & Co.'s Display.

a shade smaller for second. George L. Stillman's Millionaire is a wonderfully large decorative, a lilac pink in color. It is well named, as \$10.00 is the price, per plant.

There were many other entries, all of which would a year or two back have been sporting blue ribbons, but to win now we must be ever on the alert as the standard is being rapidly raised, and one never knows how high until placed in the competition of such a show as this.

The Business Meeting.

The second annual meeting of the society was held in the Engineering building, Tuesday afternoon, September 26, being called to order by President Richard Vincent, Jr., who, after a short opening talk, welcomed the members of the society, about 35 or 40 of whom were present, after which he delivered his address, which had been printed, as were also the reports of the secretary and treasurer, and which were given to the members. Secretary J. Harrison Dick read his report and that of Treasurer Austin, both of which showed the society to be in a flourishing condition, the membership numbering over 250, and there is a substantial balance in the treasury. Both President Vincent and Secretary Dick urged the members to do all they could to increase the membership, which they thought ought to be doubled before another year. President Vincent thanked the members for their confidence. He praised the show, which he said was the best he had ever seen, and expressed the opinion that it would require twice as much space to properly display the exhibition next year.

The election of officers resulted in the continuance of those now in charge of the society's affairs for the ensuing year.

A discussion of membership dues resulted in the dropping of the \$1 in-

itation fee, leaving the annual dues at \$2. A class of honorary or contributing members was provided for, so that those who desired to aid the society could do so, the annual charge for such membership to be \$5.

The American Dahlia Society's classification scheme which had been prepared by Prof. F. H. Hall, Geneva, N. Y., and endorsed by the executive committee at its meeting November 6, 1915, was unanimously adopted. This classification includes nine types or sections. The type of flower for each section is minutely described and well known varieties having such characteristics are cited, so that anyone may be able to determine to which section certain flowers belong. The members were urged to do all in their power to see that this classification became standard with all who issued catalogues, which would greatly simplify the nomenclature of the dahlia. With the assistance of Professor Hall, the society is arranging to publish a list of about 4,000 varieties which will contain the names of those of value that are now in cultivation. It will be arranged alphabetically, each name being preceded by the initial letter of the class to which it belongs. A rising vote of thanks was given to Professor Hall, Secretary Dick and others who have done so much for the society during the past year. The status of an amateur was discussed and the definition as understood by the New Haven, (Conn.) County Horticultural Society, which follows, was adopted: "By the word 'Amateur' is understood a person who maintains a garden with a view to his or her own use and enjoyment and not for the purpose of making a profit or gaining a livelihood. The fact of their disposing of surplus stock for money does not change them into professional gardeners, unless the maintenance of the garden is intended to return them an annual profit. No person can compete

in the amateur classes who permanently employs a trained florist, gardener, or nurseryman, or who is employed as such."

Among the members present was Mrs. Gertrude Dahl Mordecai, of Charlestown, S. C., a direct descendant of Sir Andrew Dahl, for whom the dahlia was named. Mrs. Mordecai offered to carry the best wishes of the society to the Garden Club of Cincinnati at its dahlia exhibition in October, which she expects to attend.

The time of the next annual meeting and the place of holding the next exhibition was left in the hands of the executive committee. The meeting then adjourned.

President Vincent, in speaking of the work of the society, said that to get a membership of 250 and raise over \$1,000 in one year was something of which to be proud. He also commended the bulletins edited by Secretary Dick, which have been sent out to the members quarterly. They are full of valuable information of importance to all lovers of the dahlia.

K.

"Chiggers" or Harvest Mites.

ED. AMERICAN FLORIST:

An open grass plot about 100 feet square at my summer camp has become infested with "chiggers" and all attempts to get rid of them seem unavailing. I have seen in old gardens and cemeteries a plant which is either a close crawler or a low grower, from one to two inches high with a strong minty odor which I thought might drive them away. Can you give me any information?

Iowa.

K.

The elimination of harvest mites or "chiggers" on lawns and in vegetation in country grounds can be accomplished by keeping the grass, weeds and useless herbage mowed as closely as possible in order to expose the mites to the sun; also, by dusting the

grass and other plants, after cutting, with flowers of sulphur, or by spraying with dilute kerosene emulsion in which sulphur has been mixed. Grasses on borders of ponds frequented by cattle, wild blackberry bushes and similar plants in the vicinity of houses

should also be cut down and destroyed. Well-cultivated fields, kept free from weeds, are not infested with "chiggers" and in the course of a year or two the measures prescribed, if carefully carried out, should free the grass plot from the pests.

Vegetable Growers' Association

Ninth Annual Convention of the Vegetable Growers' Association of America, Hotel La Salle, Chicago, September 26-29, 1916.

(Continued From Last Week's Issue.)

Successful Meeting Closes.

The ninth annual convention of the Vegetable Growers' Association of America, a preliminary account of which appeared in our issue of September 30, pages 541 to 545 inclusive, together with list of trade exhibits and portraits of prominent men identified with the meeting, has passed into history as one of the most successful from all points of view since the inception of the organization. There was not a dull moment from the time of the opening of the meeting Tuesday morning until the last pleasantries were exchanged at the banquet Friday evening, as will be seen by the account of the various business sessions and hospitalities given below.

There were no business sessions Wednesday morning or afternoon, the day being devoted to an inspection of the gardens and greenhouses on the north side of the city, and in spite of the inclement weather, the trip was made by 564 persons in 94 automobiles, decorated with banners bearing the association's name, escorted by two uniformed officers of the motorcycle squad and accompanied by a band. The first stop was made at Louis Corneille's establishment, where the visitors watched the force with much interest as the vegetables were tied and packed for delivery. The greater part

of the remainder of the day was spent at the Poehlmann Bros. Co.'s extensive range at Morton Grove, the bad condition of the roads precluding several stops originally planned. This establishment is devoted exclusively to cut flowers and plants and those in the party who had not previously had the opportunity of visiting the place were astonished at its huge proportions and the splendid condition of the stock in general throughout the entire 2,000,000 feet of glass. Following the inspection of the greenhouses the entire party proceeded to the Wayside Inn nearby where a splendid dinner was served, after which Chairman Fred Lautenschlager of the Chicago convention committee introduced W. L. Kroeschell as toastmaster, who in turn called upon August Geweke, president of the Cook County Truck Gardeners' and Farmers' Association, that gentleman responding with a splendid talk on organization, and advised the younger generation to stick to the farm with its unlimited opportunities as compared with the crowded cities. L. L. Corbett, of Washington, D. C., proved an interesting speaker as he told of the comparative costs of heating, which varied from seven cents per day per 1,000 feet of glass to 30 cents per day for the same amount. His treatment of the subject brought out much valuable information to

many of those present. Edward J. Tobin, county superintendent of schools, told of the advantages that come from being properly schooled—the gain that is accomplished by practical work in market gardening rather than the study of books. He stated that Cook county was one of the 10 largest market gardening centers in the United States, being the seventh on the list, Lancaster county, Pa., being first; Los Angeles county, Calif., second, and that six of the leading 10 were also Illinois counties. Professor C. W. Ward, of the Michigan Agricultural College, was a pleasing talker, speaking on the subject of market gardening in general and he kept his audience in an uproar with his keen humor. Paul Work, secretary of the New York State Vegetable Growers' Association, painted a mind picture of a large pyramid, comparing it to what might be accomplished through the proper methods of organization as regards the gardeners' national association. He expressed the opinion that the national body should be supported by the state organizations, and these in turn by the county and local factors, all of which would result in an organization that is much needed at the present time. Professor C. E. Durst, Urbana, Ill., also spoke on the matter of organization and the value of it, citing the labor unions as an example, showing how members received the high wage scale for eight hours' work, while many workers in vegetable ranges worked often as much as 14 hours a day for much less money. R. L. Watts, director of the Pennsylvania state experiment station, told of a recent visit to Urbana, where he inspected the University of Illinois greenhouses, built by the Foley Greenhouse Manufacturing Co., Chicago, and added that he wished the experiment station had some like them to carry on its educational work. At the close of Mr. Watts' interesting talk, the party returned to the Hotel La Salle in a happy mood, arriving in time for dinner.

The Wednesday evening session, des-



AMERICAN DAHLIA SOCIETY'S EXHIBITION, NEW YORK, SEPTEMBER 26-28, 1916.
Individual Flowers on Tables in Main Hall



VEGETABLE GROWERS' ASSOCIATION OF AMERICA CONVENTION, CHICAGO, SEPTEMBER 26-29, 1916.
Annual Banquet, Hotel La Salle.

ignated as the "Better Seeds" session, was called to order promptly at eight o'clock by Vice-president Selby. Professor C. E. Durst acted as chairman of the meeting and the subject was discussed by many of the prominent members present. A paper by Leonard H. Vaughan, Chicago, entitled, "The Seedsman's Attitude Toward Nomenclature," was very interesting and brought forth a lively discussion, but the speaker was fully equal to the occasion and ably defended his position from attacks on all sides, and at the close of the topic, all present seemed to view the seedsman's position from a different angle, satisfied that in the future better seeds could be obtained if the grower would pay a price commensurate with quality. "The Relation of the Seedsman's Disclaimer to the Purchase of Vegetable Seeds," by A. L. Stone, president of the American Seed Analysts' Association, Madison, Wis., was also very interesting and was followed by a brisk discussion. It was after eleven o'clock before the session was called adjourned.

At six o'clock Thursday morning a large number of the visiting members inspected the South Water street produce market and the West Randolph street farmers' market. The visits to both were interesting as well as instructive and gave an idea as to the vast quantities of stock that is handled in these wholesale markets daily. The party returned to the hotel in time to attend the morning session, which was devoted almost entirely to the roundtable discussion, "Greenhouse Problems," led by R. L. Watts. Following this, Secretary Severance reported that the executive board had held a meeting regarding the acceptance of the invitation to hold the 1917 meeting at Springfield, Mass., and suggested that the association accept same, which was done, the vote being

unanimous. The secretary was instructed to notify the Springfield growers immediately by telegram. C. W. Waid, after asking the 45 members present from Michigan to stand, extended an invitation to the association to hold its 1918 convention at Detroit. Just previous to the close of the session the school children from Niles Center and South Niles Center marched into the meeting room carrying a large banner and were addressed by Vice-president Selby, who warmly complimented them on their fine exhibit and told them to carry forward the good work, as some day he expected they would be the ones to carry on the work of the national organization. The children were roundly cheered as they marched proudly from the hall, bearing the new name of Junior Market Gardeners' Club, bestowed upon them by Vice-president Selby.

The Thursday afternoon session was devoted to the subject, "Marketing Vegetables," and the talk by Vice-president Selby was listened to with much interest and later was discussed by many of those present. Following the discussion, L. W. C. Tuthill of New York, gave a very interesting talk on the subject of advertising, explaining how the grower could use it as a business builder. These two subjects occupied the time of the entire session.

A feature of the Friday morning session was the roundtable discussion, "Extension Work for Vegetable Growers," led by C. W. Waid of the Michigan Agricultural College, East Lansing, followed by A. T. Erwin, Iowa Agricultural College, Ames, who had for his subject, "Seed Selection and Plant Improvement for the Vegetable Grower." This number was originally scheduled as part of the programme for Wednesday evening. After a discussion of both the subjects mentioned, the com-

mittee on resolutions made its report in which the Chicago convention committee and others were thanked for their aid in making the association's ninth convention the splendid success it proved to be. The Cook county school children were awarded a certificate of merit for the splendid display of vegetables exhibited by them. The committee on election of officers recommended the following for the coming year: Howard W. Selby, Philadelphia, Pa., president; H. F. Thompson, Arlington, Mass., vice-president; S. W. Severance, Louisville, Ky., secretary; Eugene Davis, Grand Rapids, Mich., treasurer. There being no further nominations, the election was declared unanimous and they will take office January 1, 1917. The meeting then adjourned to permit the ladies to be the guests of the local entertainment committee, the programme including luncheon at Marshall Field & Co.'s store.

The banquet which was held at the Hotel La Salle, Friday evening, was a most enjoyable affair, about 170 participating. W. L. Kroeschell acted as toastmaster and the speakers of the evening included Howard W. Selby, R. L. Watts, C. W. Waid, E. A. Dunbar, Fred Lautenschlager.

MURRAY HILL, N. J.—Notwithstanding the fact that a 15 per cent wage increase was recently granted at the range of L. B. Coddington, the rose specialist, 50 Italians employed there went on a strike for more pay September 21.

NASHVILLE, TENN.—The state entomologist is arranging for a display of the injurious insects of the state; also beneficial parasites which affect any of the trades represented. Florists desiring to make displays can secure full information by addressing T. H. Joy or Leo Geny of this city.

FLORISTS' PALMS.

Early Fall Care.

The days are shortening quite rapidly as the month of September passes, and this reminds the palm grower once more of the need for early watering, so that the plants may dry off fairly well before night, for too much condensed moisture on the foliage during the night is conducive to fungoid troubles, and also seems to check the growth to some extent.

When the outdoor temperature falls to 50 degrees at night, it is well to have a little fire heat in the houses, while keeping the ventilators raised enough to give a circulation of air to the plants, this method providing a much better atmosphere than will be had from closing down the houses in order to retain the sun heat in them. Plants do not dry out nearly so rapidly at this season as they do in May and June, but it is well to take into consideration the fact that a palm is more likely to be injured by having too little water than by getting too much, provided that the drainage of the pots or tubs is in good condition.

The stock that was shifted in the early summer should now be well rooted and in a proper condition for selling, and to keep it in that condition will require some attention on the part of the grower, plenty of ventilation in bright weather being one of the essentials in producing plants with that hard and leathery foliage that will endure the atmospheric conditions of a dwelling for a reasonable period.

Too much nitrogenous manure is liable to cause trouble by making the plants soft and the leafstalks brittle, but this fertilizer question is one that is best to work out by experiments with your own soil, bearing in mind the fact that cow manure used in moderation is a safe fertilizer for most soils, even though it also produces a good crop of earth worms in most cases. The subsoiling work of the worms is doubtless of value outdoors in the fields, but is a very questionable asset to the indoor grower, and the latter, viz., the pot plant grower, frequently finds it necessary to water the plants with lime water in order to expel the worms.

The month of September also marks another interesting period to the palm grower, from the fact that it is at about this time that another outbreak of some of the scale insects is liable to appear. Several varieties of these pests seem to produce two broods in the year, namely in May and in September, and the latter crop is the one that develops so swiftly after the fires are started, and does much harm in a short time unless preventive measures are taken. Preventive dips in soap solution are among the safest and best remedies for this trouble, bearing in mind the fact that to accomplish the greatest good the dip should be applied while the insects are young, and before they have had time to build their defences, or rather their scaly covers.

Yellow thrips is also a troublesome insect in the palm house, and as the reproduction of this insect does not seem to be confined to any particular season of the year, it becomes neces-

sary for the grower to be continually on the watch, else the scars of the thrip will soon be found on either upper or lower surfaces of the leaves. Kentias and arecas are particularly susceptible to attacks of thrips, and the man in charge of the syringing should always be on the watch for it. Soap solution, with a proportion of nicotine added, is an excellent remedy for this pest and may be applied either with a spray pump or in the form of a dip, the latter being the most effective.

Mention has been made in the horticultural press of the fact that Cocos Weddelliana is in short supply in the American market, and this seems to be due more to the variable quality of the seeds than to any interference with the supply, the seeds of this variety being chiefly received from South America. But Cocos Weddelliana soon loses its vitality, and when carelessly packed, and sometimes chilled by exposure in transit, the percentage of germination is greatly reduced.

Then there is also the possibility that some of the seeds have been unripe or poorly developed at the time of picking, for as received these seeds vary in size from that of a pea to nearly three-fourths of an inch in diameter, and the seedlings that come from them vary as much in size and strength. The seed was particularly poor about two years ago, and this would account for the shortage in the present season, at least in plants in three and four-inch pots and larger.

Phoenix Roebelinii is another good variety, of which the seed supply is somewhat erratic, and this will affect the supply of young plants sooner or later. And this question of supply and demand, and the increasing cost of

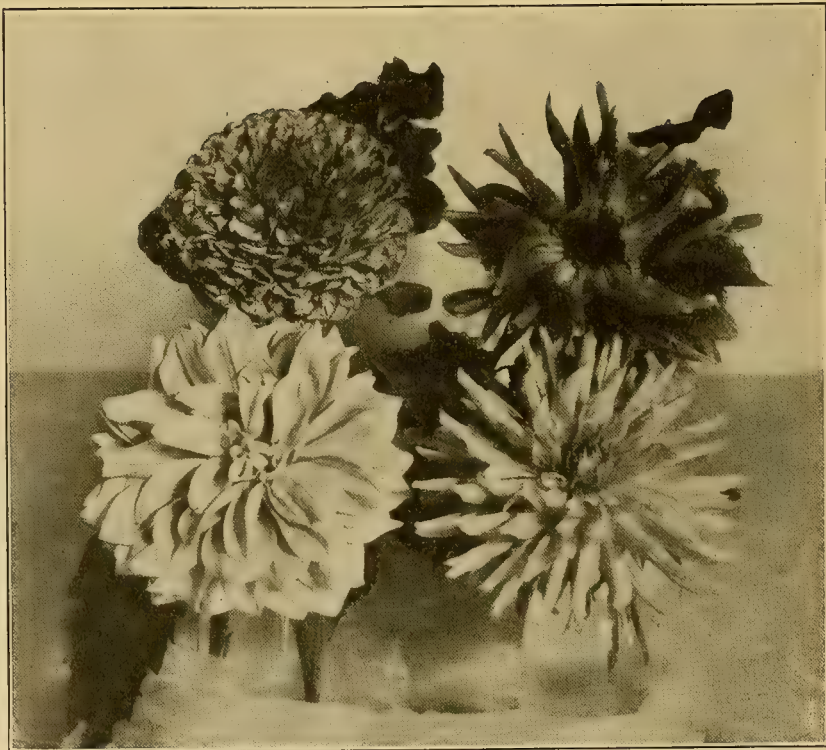
production, brings up something else, and we wonder if the grower is not fully justified in asking a slight advance on the former low prices for many plants of this class.

W. H. TAPLIN.

Ferns at Tarrytown.

The Boston, with its various types, has become one of the best florist's plants. The many varieties in all sizes are so full and showy, such an eyefull for the money, that their sale is probably greater than that of any other decorative plant. Most growers are successful with this class of ferns, but to see them at their very best one must journey to the F. R. Pierson Co.'s establishment at Tarrytown, N. Y., who, with its Piersonii, has the distinction of obtaining the first break in this important family. Since then there have been sent out elegantissima, E. compacta, superbissima, muscosa and others. All of the above, except Piersonii, are grown here in quantity; the muscosa is a great seller in three and four-inch pot sizes as a plant for the fern dish, its heavy dark green mossy plumes being very distinctive and its short compact growth suitable for the low table fernery.

Teddy, Jr., is well thought of and there are several houses filled with it. Great care is taken to see that all plants are given a perfect finish. They are grown on the main benches, rather close together, but later, to make them more symmetrical and fill out the sides of the pot, the largest are selected and placed on narrow shelves over the beds, high up, near the glass, where they soon round up. These do not appear to harm the stock underneath by drip or shade, and yet as they stand in rows almost touch. By this method much



AMERICAN DAHLIA SOCIETY'S EXHIBITION, NEW YORK, SEPTEMBER 26-28, 1916.

Four Prominent Types: Top Row Left, Gen. Miles, Show; Top Row, Right, Geisha Girl, Peony; Bottom Row, Left, W. D. Hathaway, Decorative; Bottom Row, Right, Niberlungenhort, Cactus. All Six Inches or More in Diameter.

require it. Benches of stock plants were seen planted out, this being the quickest and best means of propagating. Many fine plants in the different varieties were seen coming on to be grown as specimens for the various fall shows. The quality of the stock in its various stages is exceptionally good.

In the wonderfully handsome store there were displayed choice palms, ferns, caladiums and other fine plants. All the latest in vases and flower bowls, together with up-to-date baskets, show the class of customers catered to. The immense iced flower case was filled with gladioli, which flowers, together with Japanese lilies, made very showy window displays.

K.

Cincinnati.

BRISK DEMAND CLEANS MARKET DAILY.

Business is excellent. The demand for stock has been so strong that the market has run short almost every day. Shipping business is very good. The supply of roses has increased somewhat, but still all that come into the market are selling. Carnations are in about the same supply as at last writing and are having a good market. Easter lilies are plentiful and sell well. Some excellent lily of the valley may be had. Dahlias have an excellent sale. They are not very plentiful. Other offerings include orchids, sweet peas and snapdragons.

NOTES.

L. H. Kyrk received the first violets of the season last September 29. They were from Geo. Klatter's establishment.

Geo. Fern had the decorations for the bankers' banquet, October 4.

C. E. Critchell has just received a large lot of basket novelties.

Visitors: Wm. H. Gardner, Richmond, Ind.; Harry E. Brandt, representing Werthheimer Bros., and H. C. Calish, representing A. Leipzig, New York.

Fort Wayne, Ind.

EXCELLENT SEPTEMBER TRADE.

A heavy frost has put an end to all outdoor stock and the weather is exceptionally cool. October Frost chrysanthemums are the latest arrival and Golden Glow is also in the market. Roses are improving in quality, especially Hoosier Beauty, Russell, Sawyer and Ophelia. Carnations are larger and prices are better. Other offerings include snapdragons, Easter lilies and a limited supply of lily of the valley. September business was very good this year, showing an increase over 1915.

NOTES.

W. J. & M. S. Vesey shipped 135 flowers of *Cattleya labiata* and *vanda* to St. Louis to be used in the production of the "Veiled Prophet" celebration.

Miss Rhoda Doswell of the Doswell Flower Shop is spending several weeks in St. Louis, Mo.

Visitor: Morris Grossberg, representing A. L. Vaughan & Co., Chicago.

H. K.

TUXEDO, MD.—James Corridon is adding one house to his establishment, which will be devoted to miscellaneous stock.

WICHITA, KAN.—Nicholas Phillips, 37 years of age, rose grower for Chas. P. Mueller, was instantly killed early last Sunday morning when the automobile which he was driving on a country road got beyond his control and was overturned.



AMERICAN DAHLIA SOCIETY'S EXHIBITION, NEW YORK, SEPTEMBER 26-28, 1916.

Peony Dahlia Mrs. Frederick Grinnell Exhibited by John P. Rooney, New Bedford, Mass.

Rochester, N. Y.

RISE IN TEMPERATURE HURTS TRADE.

The weather for the past few days has been warmer and trade has not been quite as brisk as usual. There has been a scarcity of asters during the week as the ceremonies at the blessing of the graves cleaned up the crop pretty well. Gladioli are also scarce and there is but a small choice in cut flowers. Baskets of carnations, roses, asters and assorted flowers find ready sale aside from the few flowering plants that are in season. Roses clean up fairly well each day. Orchids and lily of the valley are plentiful and the demand is strong, as there are numerous weddings—almost as many as in June.

NOTES.

C. H. Ford, who represents A. Herrmann of New York and also has a big trade of his own, reports business very good, but he cannot get enough stock to fill all orders.

Ed Stroh, of Buffalo, N. Y., who has been in Attica at his greenhouses there, called on the trade recently. He will return to the Main street store in Buffalo soon.

Harry E. Bates has just returned from a southern trip and he reports business good, having booked a number of big orders for greenhouses.

F. Schlegel & Son, of South avenue, report that fall business is improving and that they had a big sale on Boston and Whitmanii ferns.

Charles Gow, formerly with H. E. Wilson, is serving in the English army, and his friends hear from him occasionally.

Arthur H. Elder, of the Lord & Burnham Co., is on a business trip to Pennsylvania and the east.

The New York Florist Store is showing some fine Boston ferns and Mexican primroses.

H. P. Neun had an excellent display of coreopsis at the North street store last week.

Max Lehman, formerly with H. P. Neun, is now with Max Schling, New York.

Visitors: J. H. Ruppert and P. L. Carbone, Boston, Mass.; Eber Holmes and W. A. Manda, South Orange, N. J.

CHESTER.

The Late Charles M. Griffing.

In the death of Charles M. Griffing, of the Interstate Nurseries, Macclenny, Florida, which occurred September 24, the horticultural interests of the state have sustained a severe loss. Mr. Griffing's passing came as a severe shock to his many friends, as he was in the prime of life and had been in good health until a few weeks before the end.

Coming to Florida from New York State in early boyhood, Mr. Griffing had made for himself an enviable place in the business life of the state by his industry and honesty. As a member of the Florida State Horticultural Society, the Florida Nurserymen's Association, an active member of the American Association of Nurserymen and of other national horticultural organizations, he was well and favorably known, and in Jacksonville his connections with the Chamber of Commerce and the First Christian church brought him into close relations with the many phases of work for the up-building of the city, in all of which he was deeply interested.

For years Mr. Griffing has been a consistent advocate of diversified agriculture and horticulture. Along this line he has contributed a number of articles to the farm press of the South. At the time his last illness came on, he was engaged in the preparation of additional material of this nature, under arrangements which would have given it very wide circulation. The deceased left an aged father, one sister, four brothers, a wife and several children, to whom has been extended the sympathy of a wide circle of friends and acquaintances.

TORONTO, ONT.—J. Neal, in addition to the erection of a work-shop and cooling room, has increased the capacity of his store.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.
Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

**THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO**

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WHEN in need of stock or supplies of any kind in a hurry it will be a great advantage to have a copy of the latest edition of our Trade Directory at hand for names and addresses. The price for the latest (1916) edition is \$3 per copy, postpaid.

Indiana-Kentucky Florists' Joint Meeting.

The joint meeting of the State Florists' Association of Indiana and the Society of Kentucky Florists will be held at New Albany, Ind., and Louisville, Ky., October 17-18, instead of October 11-12, as originally announced.

O. E. STEINKAMP,
Sec'y State Florists' Ass'n of Ind.

Personal.

Prof. L. H. Bailey is busy at Ithaca, N. Y., giving the final touches to the sixth and closing volume of the New Standard Cyclopedia of Horticulture. The first four volumes have already been issued and the fifth will be out this month.

Fred Howard, of Howard & Smith, Los Angeles, Calif., is making an eastern trip, due in Chicago, October 4.

RECORD-BREAKING frosts for this time of year are reported from Northeast Texas.

COLD weather is coming quick and all heavy shipments of tender plants should be made without delay.

C. W. WARD, of the Cottage Gardens Nurseries, Eureka, Calif., is offering California azaleas to take the place of the Belgian grown stock.

AZALEAS.—The latest information on Belgian azaleas, received this week from New York sources which are usually well informed, are to the effect that azaleas will come forward and that some shipments are already on the way.

Sterilizing Sand For Cuttings.

Now that the cutting beds are filling up again, sterilizing the sand is worth considering. We do this very conveniently by using a metal wheelbarrow for the sand, first sifting the sand to remove pieces of cuttings, roots, etc. We run the wheelbarrow into the boiler room, where we sterilize the sand with steam by means of a 3/4-inch pipe about three feet long on the end of section of steam hose connected to the boiler. We push the end of the pipe well towards the bottom of the barrow load of sand; also pat down the surface of the sand all over to hold in the steam and cover with a piece of carpet or gunny sacking. It may be found advisable to shift the pipe once or twice. The time required varies somewhat, but about an hour will usually make the sand very hot. We used our sand over and over again all winter and had no trouble.

W. H. CULP.

National Association of Gardeners.

ASSISTANT GARDENERS' ESSAY CONTEST.

The closing date of the National Association of Gardeners' essay contest for assistant gardeners is drawing near. The prizes offered by President William N. Craig, \$25 gold for first prize; \$15 gold as second prize, and \$10 gold for third prize, are for any subject pertaining to any branch of horticulture. The essays are limited to 2,500 words and must be signed with a nom de plume, must bear no evidence of the author's identification and be mailed in plain envelope before November 1 (on which date the contest closes), carefully addressed to the chairman of the essay committee, William H. Waite, Box 290, Madison, N. J.

The contestant will also place his name and full address, stating the position he holds, in an envelope, writing the nom de plume he signed to his essay on the outside of this envelope and mail same enclosed in an envelope addressed to the secretary, M. C. Ebel, Madison, N. J. This will not be opened until the judges have rendered their decision on the contest.

The successful contestants will be announced at the annual convention of the association, which will be held in Washington, D. C., the first week of December.

The rules must be strictly followed to avoid disqualification. The essay must be written distinctly and on one side of the paper only.

Vincent's Exhibition of Dahlias.

The exhibition of dahlias by R. Vincent, Jr., & Sons Co., which is always an event of importance each year, will be held at their establishment at White Marsh, Md., October 3-7. This is always a splendid show and is visited by hundreds of flower lovers annually.

Pot Makers' Credit Association.

The Pot Makers' Credit Association recently held its second quarterly meeting in Columbus, Ohio, with 95 per cent of the representatives of the pottery trade on hand. The credit system established at the former meeting, has, in a few months, shown a considerable saving in losses, proving the beneficial results of a credit system, and that the large losses of the past will be no more. To illustrate, a customer of one potter neglects to pay him, and buying from a new firm each year, he soon owes all, and he is able to undersell his brother florist. The vital question of long credit was also brought up, and after much discussion was held over for the next meeting, when more data would be obtained. However, it was brought out that the long time credits were undesirable and unfair to the customer as well as to the business man.

P. M. REED, Sec'y.

Floricultural Course at Ohio State Univ.

Instruction in floriculture has been offered for the first time this collegiate year at the Ohio State University College of Agriculture. Opportunities are afforded for study of the main florist crops, their diseases, and insect enemies. Garden flowers, greenhouse management and construction, as well as flower shop work and landscaping, will also receive attention. The courses are being offered both in the four-year college course, which has already begun, and in the three-year course which begins October 17.

Instruction is in charge of Professor Alfred C. Hottes. Professor Hottes comes to Ohio from Cornell University, Ithaca, N. Y., where he was an instructor in charge of the work in garden flowers and of the winter courses.

State Fairs.

The following is a list of coming state fairs with the names and addresses of the superintendents of the horticultural and floricultural departments so far as obtainable:

October 2-7, Salt Lake City.—Utah State Fair, Wm. O. Knudson, Salt Lake City, superintendent of floriculture and horticulture.

October 5-14, Birmingham.—Alabama State Fair, Mrs. J. B. Reid, 212 Chamber of Commerce Bldg., superintendent of floriculture.

October 9-14, Richmond.—Virginia State Fair, W. C. Saunders, Richmond, Va., general manager.

October 10-13, Hagerstown.—Maryland State Fair.

October 14-19, Dallas.—Texas State Fair, T. I. Wood, superintendent of horticulture.

October 16-21, Raleigh.—State Fair of North Carolina, Professor W. N. Hutt, Raleigh, N. C., superintendent of horticulture and floriculture.

November 1-6, Shreveport.—State Fair of Louisiana, L. N. Bruegerhoff, Shreveport, La., secretary.

November 2-11, Macon.—Georgia State Fair, Carling Schatzman, superintendent of horticulture and floriculture, care of Idle Hour Nurseries, Macon, Ga.

November 13-18, Phoenix.—Arizona State Fair, November 14-18, Baltimore, Md.—“Maryland Week,” Fifth Regiment Armory, Thomas B. Symons, secretary, College Park, Md.

December 4-13, Jackson.—Mississippi State Fair.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By a well educated young lady with some experience. Wants position with board; with florist where she can learn designing. Key 684, care American Florist.

Situation Wanted—On private or commercial place; 15 years experience in all branches in and out doors. Capable of taking charge. Single, age 31. LUCIEN LE CLERE, 1112 Church St., St. Joseph, Mo.

Situation Wanted—Expert gardener seeks engagement on first-class estate. All references. Good wages expected in return for guaranteed results. Address Key 702 care American Florist.

Situation Wanted—By single man, age 27; 12 years' experience as gardener and florist; also decorator. Private place preferred. Best references, private and commercial. Address Key 689, care American Florist.

Situation Wanted—By expert carnation grower; long years' experience in scientific growing of carnations, roses and mums; first-class propagator; middle age, temperate and good worker. Address Key 704, care American Florist.

Situation Wanted—As working foreman on big commercial place growing roses and carnations; life long experience and scientific practice; can handle men; sober and industrious; good references. Key 705, care American Florist.

Situation Wanted—Young man 26 married; thoroughly competent grower; carnations, chrysanthemums, pot plants, A 1 designer; reference as to character and ability.

EARLE FORTNEY,
1026 Carleton St., Fairmont, West Va.

Situation Wanted—Designer with executive ability and experience in growing desires responsible position; experience and credentials that assure results. Ohio preferred but will consider good proposition; young married; a hustler. Address Key 710, care American Florist.

Situation Wanted—Horticulturist seeks engagement. Scientific and practical experience in raising vegetables in and out of doors; greenhouse management; bush fruits, tree surgery and cut flowers; good wages expected for guaranteed results on large scale; references, married, 32, one child. Address B., Box 35, Pomfret Center, Conn.

Help Wanted—Young men, 17 to 19 years of age, to work in rose houses, at \$30.00 to \$35.00 per month. Apply FUEHLMANN BROS. CO., Plant B, Morton Grove, Ill.

Help Wanted—Two good rose growers for modern plant in Illinois; state wages, experience and enclose references in first letter. Address Key 693, care American Florist.

Help Wanted—Competent nurseryman; must be able to supervise help, sober and industrious and have a clean record. Give full particulars and references. Address Key 694, care American Florist.

Help Wanted—At once, a young man with technical knowledge of general nursery stock and experience in making quick planting plans. This position offers a good future. Address Key 687, care American Florist.

For Rent—Greenhouse for rent, 8,000 feet of glass, shed, living house. Rent, \$32.00 per month. Stock, \$400. 10 miles from Chicago loop. Key 691, care American Florist.

For Sale—Chicago flower store on prominent north side street. Good opportunity for live florist. A. C. OHLBRAND, 174 North Wabash Avenue, Chicago.

For Sale—Established flower store in Loop. Long lease, low rent, owner cannot give attention to business. Small amount cash required. This is a gold mine for a live florist. Address Key 706, care American Florist.

For Sale—High class flower store, with small greenhouse; located near Chicago; doing good business; reason for selling, wish to retire; \$1000 cash, balance on reasonable terms. Address Key 7 8, care American Florist.

For Sale—Carnation support. "Common Sense," 3000 stakes and 9000 rings, \$16.00 per 1000. These supports have been used about two seasons and some are new. Cash. LA CROSSE FLORAL CO., La Crosse, Wis.

For Sale—Owing to the fact that my store in the Palmer House needs my personal attention, I will sell my new place in the Edgewater Beach Hotel, Chicago, to some responsible party at very reasonable terms. Big bargain for a live wire. Act quick. JOHN MANGEL, 17 East Monroe St., Chicago Ill.

For Sale—Old established florist business three greenhouses attached, \$2,500; nothing for good will; stock of plants, implements, horse, wagons, fixtures and supplies will invoice the amount; near hotels and large theatres, 15 minutes from loop. GEORGE C. WAGNER, 3116 Indiana Ave., Chicago.

Wanted—Grower of carnations within shipping distance of Buffalo to make steady shipments three times a week. Address Key 703, care American Florist.

Experienced Seedsman Wanted.

We have position for experienced seedsman capable of managing mail order business. No amateurs need apply. Give name of last employer and experience. Address Key 707, care American Florist.

Help Wanted

Good man for Chicago wholesale house—one with some experience in shipping trade. Splendid opportunity for the right party. Good salary to start.

Key 709, care American Florist.

WANTED NIGHT FIREMAN

Good wages right party. Apply
SINNER BROS.
158 N. Wabash Ave., CHICAGO

HELP WANTED.

Single man of good education with first-class knowledge of general nursery stock; one specially adapted for the road. Right salary to the right man. Apply personally, if possible, to

BOBBINK & ATKINS,
Rutherford, New Jersey.

FOR SALE

The Erie Greenhouses, with 15,000 rose bushes, formerly owned and operated by W. F. Kasting, deceased. This property must be sold at once.

ANDREWS LAND COMPANY,
817 State Street, ERIE, PA.

SOUTH CHICAGO STORE AND GREENHOUSES FOR RENT.

This is a splendid opportunity for some young fellow who wants to get in business for himself. Place consisting of a retail store and three greenhouses, 25 x 125 feet, will be leased to responsible party on very reasonable terms. The right man can take immediate possession. For further particulars, address

OSCAR MITZ,
5525 Harper Ave.,

Chicago. Phone—Hyde Park 1287.

FOR SALE

Two-story, eight-room frame house, with two blocks of ground, barn and outbuildings, three wells and cistern, water sufficient to irrigate ground in dry season; 15,00 to 20,00 gladiolus bulbs, 10,000 to 15,000 tuberose, tea roses, peonies, jonquils, narcissi, lilacs, fruits for house use, asparagus, rhubarb, etc. Income from cut flowers, \$500.00 to \$700.00; can be doubled by cultivating more ground. Only one block from graded and township high schools, five blocks from business section of good live town; price reasonable; terms if desired.

C. G. Benton, Ashley, Ill.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 1/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

American Florist Co., 440 S. Dearborn St., Chicago

San Francisco.

MARKET SHOWS MARKED IMPROVEMENT.

The retail trade has shown a decided improvement during the past week. The ending of summer, and the return to town of the larger buyers of flowers, has brought quite an increase in business. The death of two very prominent citizens also helped to move great quantities of the better grade of stock. Chrysanthemums are now here in great abundance. Prices realized are not equal to those received at the same period last year, but this is to be expected as last year the social activities that attended the exposition called for an unusual supply, which of course is lacking this season. In white, Crystal Gem is by far the finest early white in the market. Early Frost was tried, but has proved too small. Some very excellent Queen are coming in and find ready sale. In yellow, Monrovia is about gone, but its place is being taken by Crocus. Unaka is the leading pink variety. Some pompons are coming in, but as yet the supply is limited. Roses are not so plentiful as they were a week ago, but the quality is improving and the prices have advanced accordingly. Carnations are, as a rule, of very inferior quality, being very short stemmed. Orchids are still scarce but with the coming of labiatas next month it is expected that they will soon be in ample supply. Lily of the valley, too, is scarce and probably will be one of the rather short items all season. Violets are coming in rather freely, but the quality is rather poor, the weather of late being a little too warm for their proper development. Dahlias are to be seen on all sides and in great profusion, they being largely used in decorative work. Some excellent zinnias are being received. Lillium rubrum and auratum are still to be had and at firm prices.

NOTES.

The Pacific Coast Horticultural Society, in conjunction with the California State Floral Society and the California Dahlia Society, will hold a dahlia show in the Civic Auditorium, October 3-4. Hans Plath has been chosen manager, Mrs. J. A. Scavna-vino, assistant manager, and E. I. Channele, secretary. The exhibition committee is made up of prominent florists and wholesalers. It is intended that this show will take the place of the annual chrysanthemum show, which usually is held about the end of October.

The annual fall flower show of the Menlo Park Horticultural Society will be held, October 27-29, at Redwood City. The Chamber of Commerce of that city has provided a splendid hall to house the show and has also offered valuable prizes, the hall available at Menlo Park being too small for such a large exhibition. From the number of entries received by Secretary P. Ellings, there is every reason to believe that the show will surpass anything hitherto held by the society.

This section of the coast was treated to a very unusual and unexpected storm September 21. The rain was very heavy, but no damage to speak of occurred in this vicinity. At Salinas, D. A. Madeira, the leading florist, suffered severely from a hail storm. He estimates his damage from broken glass at \$500. This is probably the first instance in California where a grower has suffered a loss by hail. Mr. Madeira is having the damage repaired as rapidly as possible.

Frank Pelicano, who is recognized as one of the leading dahlia authorities in the west, has a magnificent

show just at present at his dahlia farm in San Mateo county. He has a great number of seedlings that show great promise. He was one of the largest winners at the last dahlia show, and is expected to carry off plenty more of the prizes at the coming exhibition. The bulk of the cut is shipped to Pelicano, Rossi & Co., in this city.

A look through the greenhouses of the MacRorie-McLaren Co., at San Mateo, was a revelation when it comes to the poinsettias. This firm has a grand lot of this favorite Christmas flower in all sizes. The orchid houses are also in splendid shape. These are under the supervision of that veteran orchid grower, Andrew McDonald. The houses of other flowering stock, especially the Lorraines and cyclamens are in admirable condition.

T. A. Burns, of the California Dahlia Growers Association, is busily engaged in arranging plans for a very extensive display of cut dahlias along Market street during the "Path of Gold" carnival. He has planned to have displays in all the windows on this street. He is being assisted by a committee of the leading florists of the city. All the flowers are to be donated free of charge, and chiefly by the members of the association.

J. Utsuney, the famous Japanese landscape gardener, who laid out the Japanese gardens at the Panama-Pacific Exposition, is back in this city again after a six months' stay in Japan. He is en route to Havana, Cuba, under a two years' contract with the Cuban government to lay out a Japanese garden around the national palace and other public buildings.

The Art Floral Co. had a very elaborate decoration during the "Fashion Show" at the Emporium. Large quantities of pink and yellow chrysanthemums were used. The main entrance was largely taken up with dahlias and chrysanthemums. The work, which was done by Manager Matraia elicited favorable comment.

Walter C. Clarke, who for a number of years has been assistant manager of the California Nursery Co., at Niles, has resigned to become chief of the sales force of the Cottage Gardens Nurseries at Eureka for C. W. Ward. Mr. Clarke is now making a motor trip through the state, visiting the different nurseries.

John Vallance of the Vallance Nurseries, Oakland, and Henry Ruehl, of the Ruehl-Wheeler Nursery, San Jose, are making a motor trip, accompanied by their families, visiting the different nurseries and growers around the bay regions. They both seem very optimistic regarding the business outlook for the coming season.

Avensino Bros. expect to have their new store, at 182 Geary street, ready for occupancy shortly. Henry Avensino, formerly one of the owners of the Fairmont Floral Co., is having the work rushed so as to be ready for business. This is a very desirable location, being in the heart of the shopping district.

C. W. Ward, of Eureka, owner of the Cottage Gardens Nurseries at that place, was a visitor during the week. Mr. Ward is greatly pleased and encouraged at the way the nursery business is opening up. Aside from his nursery interests at Eureka, Mr. Ward is interested in banking circles in that city.

Julius Eppstein, of the Art Floral Co., is working on a large landscape plan for a wealthy client on the peninsula. The property consists of over 1,000 acres. Mr. Eppstein was for many years in Golden Gate park before embarking in the retail business.

H. McLean, who was connected with the landscape department at the exposition last year, has purchased a piece of property in Watsonville, where he will engage in the floral business.

Miss Emma Goertzhain, sister of Henry Goertzhain, and well known to the trade in this city, was married to Ernest Werder recently. The couple will reside in Redwood City.

Emil Serveau and family have returned to town after a visit to Hollister. Alfred Serveau, who is in charge of the store, reports business as picking up steadily.

Frank Mills is erecting a large lath-house at his nursery at Palo Alto. It is to be used for pot plants and boxed ornamentals.

There will be a chrysanthemum show in Santa Rosa next month, the exact date of which is not yet settled. G. N.

Los Angeles.

LITTLE CHANGE IN TRADE CONDITIONS.

Conditions on the market have undergone little change since our last report. Chrysanthemums and dahlias continue to dominate the market, and while the former has not reached the height of perfection, the dahlias are seen in all their glory. Roses continue to improve and cosmos has been added to the list of arrivals during the last week.

NOTES.

Seki Bros. & Co. are specializing on chrysanthemums and carnations. They grow their own stock and wholesale a considerable quantity of it.

The Redondo Floral Co.'s force has been very busy. The showing of chrysanthemums and dahlias has been exceptionally good.

O. C. Saakes has been sending out many handsome funeral designs. His stock always presents an attractive appearance.

J. W. Wolters is showing a nice grade of stock. Business is reported better. G. H. H.

Providence, R. I.

SUPPLY EXTREMELY LIMITED.

The conditions which influenced the market last week continue with but slight variations. This of course is due to some extent to the scarcity of stock. Novelty flowers do not seem to sell well now. Carnations are still scarce, but the few that are seen are of good quality and the stems are getting longer day by day. Lily of the valley is a scarce item, but several of the houses have a good supply. Quite a few asters are coming into the market and a few gladioli are to be seen. The demand for chrysanthemums is alive now, but the supply is very short. Of the flowers that are received there are more poor ones than good. Easter lilies are still having their usual call. Violets have not made their appearance as yet, but are expected almost any day. Dahlias are not meeting with a good demand this season. The call for cut flowers is good with roses in the lead. They are coming into crop with stock good and prices reasonable.

The old location of John F. Wood will be reopened in the near future by a former Westerly florist.

Growers are beginning to receive belated shipments of bulbs from Europe. H. A. T.

PETERBORO, ONT.—The flower tent at the Peterboro fair this year was a very attractive feature, splendid displays being made by the Peterboro Floral Co., Jordan Bros. and others, both of the firms mentioned securing awards in many classes.

**NOW
READY!**

**Price \$3.00
Postpaid.**

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1916, fully revised to date, with thousands of new names and changes of address, is now ready for distribution. It contains 546 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States and Canada, arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms which issue catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, and much other conveniently indexed and invaluable trade information. Published by the

American Florist Company,

440 S. Dearborn St., Chicago, Ill., U. S. A.

**Contains
546 Pages.**

**TRADE
DIRECTORY
FOR 1916**

The Florists' Supply House of America

Bayersdorfer's Baskets Are Best

Best because made of the best materials, made in the best style, painted with the best colors and tints. A stock of these insures the best business.

Try a line of our new Vase Baskets with high handles, all have containers, they are ideal in their graceful shapes and very practical. You will find them great sellers.

Miniature Japanese Flower Floats, small shallow bowls with fish holders, come in four colors, \$15.00 per 100.

Moss Wreaths, all sizes; **Magnolia Leaves**, green, brown, red and purple, in cartons and in bulk.

Imported Lace Bridal Bouquet Holders, all sizes and colors, fine for colonial bouquets.

Send for our new Folder for 1916-17 season.

H. BAYERSDORFER & CO.,
1129 ARCH STREET, PHILADELPHIA, PA.

For Plants and Cuttings Get
Our Prices Before Ordering
Elsewhere.

Asparagus Dracaena
Begonias Ferns
Bulbs Geraniums
Calceolaria Hydrangeas
Calendula Primula
Cineraria Smilax
Cyclamen Snapdragons
Daisies Violets



Our guarantee with
every order.

S. S. PENNOCK-MEEHAN COMPANY
PHILADELPHIA, 1608-1612 Ludlow St.
BALTIMORE, Franklin and St. Paul Sts.
WASHINGTON, D. C., 1216 H St., N. W.
NEW YORK, 117 W. 28th St.

Cleveland.

SEPTEMBER BUSINESS SATISFACTORY.

The month of September has been very good from a business standpoint, and while the supply in general was short of the demand, and outdoor stock none too good in quality, prices averaged good and the volume of business fair. The past week saw the first shipment of Rhinebeck violets, and as usual, the first are of poor quality. Chrysanthemums, too, are now arriving, but local stock is very poor and small. A few from California were received locally, the varieties being Unaka, Golden Glow and Chrysolora, also a few pompons. Gladioli still arrive in large supply. A few marigolds, zinnias, snapdragons, buddleias, wild asters, and phloxes are part of the daily stock. Roses have cleaned up nicely right along. Long and medium American Beauties have been in good supply and the quality is exceptionally fine. Asters are about done for, while dahlias are still scarce, a few short stem flowers arriving. Greens are in supply equal to the demand.

NOTES.

The flower show to be held under the joint direction of the Ohio Horticultural Society, the Cleveland Florists' Club and the Garden Club of Cleveland will be staged at the Hotel Hollenden, November 11-12. Copies of

Beechwood Heights Nurseries

THOMAS YOUNG, Jr., Proprietor

BOUND BROOK, - N. J.

Cut Flowers of all the leading varieties of

Orchids in their Season

also

Gardenias and Roses

Telephone, Bound Brook 74

Last Call For Field-Grown Carnation Plants

Clean, bushy stock in the following varieties:

Light Pink Enchantress and Winsor. \$4.50 per 100; \$40.00 per 1000.

Order before it is too late.

J. A. BUDLONG, 184 N. Wabash Ave., Chicago

the premium list, which provides for awards in more than 50 classes, may be had upon application to M. A. Vinson, 402 Leader building. The committee in charge of the show is as follows: Frank A. Friedley, chairman; Chas. E. Russell, W. E. Cook, O. P. Blackman, H. B. Rapley, Rudolph Thurman and E. A. Bause.

Frank Williams and Guy Bates, of the Cleveland Cut Flower Co., and Al Barber, of the Jones-Russell Co., are taking a trip to Duluth on a freighter.

The Cleveland Plant & Flower Co. is enlarging its floor space and putting in new wall fixtures and furniture.

Smith's Revised Chrysanthemum Manual

(Third Edition)

By ELMER D. SMITH

Who has made a specialty of Chrysanthemum Culture for the last 25 years. The best work on Chrysanthemum Culture. Both amateur and florists have been provided with articles for their special needs.

106 Pages. Only 50c., postpaid.

ELMER D. SMITH & CO., ADRIAN, MICH.

Albert E. Heil, formerly with the Jones-Russell Co., is now with Kirchner's in Quincy avenue.

Southern smilax is now on hand at all times. C. F. B.

TWO STEAMER LOADS OF Holland Grown Bulbs at Auction

Tuesday, Oct. 10th and Friday, Oct. 13th
AT 10 O'CLOCK A. M.

Also Local Consignments of
Palms, Ferns, Dracaenas, Rubbers, Etc.

To be offered in lots to suit the large and small buyer.

SEND FOR WEEKLY CATALOGUE.

The MacNiff Horticultural Co.

52 to 56 Vesey Street, NEW YORK

The Largest Horticultural Salesrooms in the World

JOSEPH HEACOCK COMPANY'S PALMS AND FERNS



HOME GROWN

WELL ESTABLISHED

STRONG AND HEALTHY

CIBOTIUM SCHEIDEL. Each
9-in. tubs, 4 ft. spread.....\$ 4.00
9-in. tubs, 5 ft. spread..... 5.00

JOSEPH HEACOCK CO.,

ARECA LUTESCENS.

	In. high	Each
6-in. pot, 3 plants in pot....	24-30	\$1.00

COCOS WEDDELLIANA.

	In. high	Per doz.	Per 100
2½-in. pot	6-8	\$ 1.50	\$12.00
½-in. pot	10-12	2.25	18.00

KENTIA BELMOREANA.

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8-10		\$ 1.50
3-in. pot	5	12		2.50
4-in. pot	5-6	15	\$.45	5.00
5-in. pot	6-7	18-20	.75	9.00
6-in. pot	6-7	22-24	1.00	12.00
6-in. pot	6-7	26-28	1.50	18.00
6-in. pot	6-7	30	2.00	24.00
7-in. cedar tub	6-7	34-36	3.00	36.00
7-in. cedar tub	6-7	38-40	4.00	48.00
9-in. cedar tub	6-7	40-42	5.00	60.00
9-in. cedar tub	6-7	48-54	7.50	

Ready Oct. 15

9-in. cedar tub. 6-7.....5-5½ ft. 10.00

KENTIA FORSTERIANA.

	Leaves	In. high	Each	Per doz.
6-in. pot	5-6	24	1.00	12.00
6-in. pot	5-6	30-32	1.50	18.00

KENTIA FORSTERIANA, Made-Up.

	In. high	Each
7-in. cedar tub, 4 plants in tub.....	30-36	\$ 3.00
7-in. cedar tub, 4 plants in tub.....	38-40	4.00
9-in. cedar tub, 4 plants in tub.....	40-42	5.00
9-in. cedar tub, 4 plants in tub.....	42-48	6.00

Ft. high

9-in. cedar tub, 4 plants in tub.....4-4½..... 7.50

Ready Oct. 15.

12-in. cedar tub, 4 plants in tub.....	5	10.00
12-in. cedar tub, 4 plants in tub.....	5-5½	12.00
12-in. cedar tub, 4 plants in tub.....	5½-6	15.00
12-in. cedar tub, 4 plants in tub.....	6-7	18.00
12-in. cedar tub, 5 plants in tub.....	7-8	22.00

Railway Station,
Jenkintown.

Wyncote, Pa.



Our goods speak for us. Every florist who has ordered goods from us has sent us repeat orders. **QUALITY GOODS HAVE MADE US FAMOUS**

BOXWOOD AND WINTERBERRIES

We mention these this early to remind you to place your order in advance, the earlier the better. Write us for quotations on large quantities.

Wild Smilax, Leucothoe, Mexican Ivy, Ferns
Farleyense, extra fancy, also **Fancy Hybridum** supplied on short notice.

CURRENT PRICE LIST—In Effect Now.

AMERICAN BEAUTIES.	
	Per doz.
Long	\$4.00 to \$5.00
30-inch	3.00
24-inch	2.50
20-inch	2.00
Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00.	

OPHELIA, RICHMOND, MILADY, SUNBURST,
 KILLARNEY BRILLIANT, KILLARNEY,
 WHITE KILLARNEY, WARD.

	Per 100
Long	\$8.00
Medium	\$4.00 to 6.00
Short	3.00

MRS. CHAS. RUSSELL.	
	Per 100
36 inches long	\$20.00
30 inches long	18.00
24 inches long	15.00
18 to 20 inches long	12.00
14 to 16 inches long	8.00
Short	\$4.00 to 6.00

MINIATURE ROSES.

Cecile Brunner	per 100, \$2.00
Fireflame	per 100, 2.00
Baby Doll	per 100, 2.00
George Elgar	per 100, 2.00

MISCELLANEOUS CUT FLOWERS. Per 100	
Lilies	\$12.00
Gypsophila	\$1.00 per bunch
CATTLEYES	per doz., \$9.00 to \$12.00
VALLEY	\$4.00, \$5.00, \$6.00 per 100
CARNATIONS	\$3.00 to \$4.00

GREEN GOODS.

Mexican Ivy	\$0.75
Sprenger and Asparagus Sprays	\$2.00 to 3.00
Galax (bronze and green)	per 1,000 \$1.50
New flat ferns	per 1,000 2.00
Wild smilax	per case 6.00
Boxwood	25c per bunch, per case 7.50

FANCY CUT FERNS. Per 100

Farleyense	\$8.00 to \$12.00
Hybridum	1.50 to 3.00
Adiantum .....	.75 to 1.00

SUPPLY DEPARTMENT

Listen To Reason

☞ We Have the Goods to Supply You. ☞

Immortelles

Ruscus

Magnolia Wreaths

Waxed Roses

Oak Leaves

Oak Sprays

Look for our Fall Circular mailed this week. If you don't get it, write for one.

Wreaths for All Saints' Day

50 Cents to \$1.00 Each.

SATISFACTION GUARANTEED.

POEHLMAN
72-74 E. Randolph St.,

Kentias Western Kentias Headquarters

Largest and most complete stock offered in the West, in a healthy, strong and clean condition.

BELMOREANA SINGLE PLANTS.

2 1/2 inch pots, \$1.50 per dozen; \$10.00 per 100;
\$90.00 per 1,000.

Leaves	Each.
4 inch pots 5-6 16-18 inch high.....	\$0.40
\$4.50 per dozen; \$35.00 per 100.	

Leaves	Each.
6 inch pots 6-7 24 inch high.....	1.00
6 inch pots 6-7 28-30 inch high.....	1.50
9 inch tubs 6-7 42-44 heavy.....	5.00
10 inch tubs 6-7 50-54 heavy.....	7.00

Specimen plants, \$60.00-\$75.00.

FORSTERIANA SINGLE PLANTS.

Leaves	Each.
4 inch pots 5-6 18 inch high.....	\$0.40
\$4.50 per dozen; \$35.00 per 100.	

6 inch pots 6-7 28-30 inch high.....	1.00
6 inch pots 6-7 34 inch high.....	1.50
6 inch pots 6-7 34-36 inch high.....	2.00
8 inch tubs 6-7 40-42 inch high.....	3.00
8 inch tubs 6-7 42-46 inch high.....	3.50
8 inch tubs 6-7 50-52 inch high.....	6.00
9 inch tubs 6-7 54 inch heavy.....	8.00
9 inch tubs 6-7 60 inch heavy.....	7.00
10 inch tubs 6-7 5-5 1/2 ft.....	8.00
10 inch tubs 6-7 5 1/2-8 ft.....	12.00
15 inch tubs 6-7 8-8 1/2 ft. heavy.....	40.00
15 inch tubs 6-7 9-10 ft. heavy.....	50.00



FORSTERIANA MADE UP PLANTS.

Plants	Each.
6 inch pots 3 24 inch high.....	\$ 1.50
7 inch tubs 3 30-32 inch high.....	2.50
8 inch tubs 3 38-42 inch high.....	3.50
8 inch tubs 4 48-52 inch high.....	5.00
8 inch tubs 4 52-54 inch high.....	6.00
10 inch tubs 4 54-60 inch high.....	8.00
12 inch tubs 4 60 inch high.....	10.00
12 inch tubs 4 62-66 inch high.....	12.00
12 inch tubs 4 66-70 inch high.....	15.00
15 inch tubs 4 6-6 1/2 ft. heavy.....	25.00
15 inch tubs 4 75-80 in. heavy.....	\$25@30

ARECA LUTESCENS.

Each.	
6 inch pots, 4 plants, 24 inch high.....	\$1.00

ASPIDISTRAS.

5 inch Aspidistra green 10-12 leaves.....	1.00
6 inch Aspidistra green 15-17 leaves.....	1.50
5 inch Aspidistra var. 7 leaves.....	1.00
5 inch Aspidistra var. 10-12 leaves.....	1.50

10,000 POT CHRYSANTHEMUMS

A Good Supply of These Choice Plants Will Be Ready for Delivery By October 15.

FOR OCTOBER AND NOVEMBER DELIVERY

1/2-in. - 6-in. pots, 50c to 75c each; 7-in. pots, \$1.00 to \$1.50 each; larger specimens, \$2 to \$5 each

<i>Araucaria Excelsa</i> , 5-in. pot,	\$.60 each
" " 6-in. pot,	75c to 1.00 each
" " 7-in. pot,	\$1.25 to 1.50 each
<i>Araucaria Robusta Compacta</i> , 6-in.,	1.25 each
" " 7-in.,	2.00 each

Larger specimens, \$3.00 to \$5.00 each.

<i>Polka Emperor William</i> , 5-in. pots,	25c to 35c each
<i>Andanus Veitchii</i> , 4-in.,	\$.35 each
" " 6-in.,	\$.75 to 1.00 each
" " 7-in.,	1.25 each
" " 8-in.,	2.00 each

<i>Protons</i> , 4-in.,	.40 each
<i>Rubber Plants</i> , 5-in.,	\$.50 to .75 each

<i>Asparagus Sprengeri</i> , 3-in. pots,	\$ 6.00 per 100
" " 4-in. pots,	10.00 per 100

<i>Asparagus Plumosus</i> , 2 1/2-in. pots,	3.50 per 100
" " 3-in. pots,	7.00 per 100

<i>Table Ferns</i> , 2 1/2-in. pots,	3.00 per 100
" " 3-in. pots,	6.00 per 100
" " 4-in. pots,	10.00 per 100

<i>Holly Ferns</i> , 5-in. pots,	.25 each
<i>Begonia Luminosa</i> , 5-in. pots,	20c each

<i>Begonia Chatelaine</i> , 2 1/4-in. pots,	\$ 3.50 per 100
" " 3-in.,	8.00 per 100
" " 4-in.,	15.00 per 100
" " 5-in.,	.25 each

BOXWOODS, Bush, 15-inch, 50c each; 18-in., 60c each.

GRAFTED AND OWN ROOT ROSE PLANTS

Grafted, 3 1/2-inch Stock.
\$140.00 per 1000.

700 Pink Killarney	600 Old Gold
500 White Killarney	350 Brilliant
300 Scott Key	900 Elgar

Grafted, 2 1/2-inch Stock.
\$100.00 per 1000.

3900 White Killarney

Own Root, 3 1/2-inch Stock.
\$96.70 per 1000.

400 Pink Killarney	300 Elgar
500 White Killarney	1625 Richmond
197 Old Gold	

N BROS. CO.

Long Distance Phone, **CHICAGO, ILL.**
Randolph 35.

Chrysanthemums--Yellow and White

Large Flowers, \$2.50 to \$4.00 per dozen.

CHOICE SHIPPING ROSES

We cut our flowers tight in the bud as the majority of our trade is shipping. Flowers that are sold mostly to the city trade are allowed to open more than for the shipping trade.

NEW BEAUTIES--A very large cut now on of short and medium stems,
Good Shipping Stock.

Rhea Reid—Best red rose.

Mrs. Russell—Best pink rose.

Sunburst—Best yellow rose.

Double White Killarney—Best white rose.

Ophelia and **Shawyer**—Are also two good pink roses for present use.

These in addition to the regular varieties of Roses we are receiving in large quantities direct from our greenhouses within a few hours of being cut, enable us to fill all orders with strictly fresh stock. This is the great advantage of buying direct of the grower. Order here.

CURRENT PRICE LIST

American Beauties		Per doz.
Specials, extra long stems.....		\$4.00
30 to 36-inch stems.....		3.00
Medium stems.....	\$1.00 to	2.00
Shorter lengths.....	.50 to	.75

Hoosier Beauty, Rhea Reid, Ophelia,

Sunburst, Shawyer.

	Per 100
Extra long.....	\$8.00 to \$10.00
Good medium.....	5.00 to 6.00
Short.....	3.00 to 4.00
Hoosier Beauty, special.....	\$12.00 per dozen

Richmond, White and Pink Killarney

Killarney Brilliant

Long.....	per 100,	\$6.00
Medium.....	"	\$4.00 to 5.00
Short.....	"	3.00

ROSES, our selection, in lots of 300 or more at the rate of \$25.00 per 1000.

CHRYSANTHEMUMS—Yellow and White—\$2.50 to \$4.00 per dozen.

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN

LONG DISTANCE PHONE:
CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Gregg Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

BUSINESS CONTINUES GOOD.

Business continues good, and while stock is a trifle more plentiful at this writing there is just about enough to go around, with no surplus to speak of. American Beauty roses are cleaning up nicely each day, and the same holds good for Mrs. Chas. Russell, which are in exceptionally good demand. Ophelia are in better supply, but are having a good call and command high prices. Killarney and White Killarney seem to be more plentiful, but like all the other roses are selling well and command good figures. Carnations are very scarce and what few do reach the market are sold almost as soon as they are unpacked. From present indications it appears as if they will be in short supply for several more weeks, which ought to help keep the market in a healthy condition until then if there is any business from now on to speak of. Lily of the valley continues to be in short supply, but orchids are arriving in larger quantities, although they are still none too plentiful. Chrysanthemums are very good property and sell quickly at high prices, compared to

former years. A few pompons are seen, but not in any great quantities, and like the chrysanthemums are much too scarce. Asters and gladioli are still among the offerings, and at times come in handy owing to the shortage of other stock. Snapdragons, white and yellow daisies and mignonette are now included in the daily shipments, but not in large enough quantities to be a factor in the market. Lilies are moving quickly at high prices and at times during the past week it was impossible to fill all the orders. Both the local and shipping trade are brisk and the wholesalers are well pleased with business, but would be better satisfied if they had more stock to offer. Roses are gradually becoming more plentiful and unless the demand keeps pace with the increased supply there will be a big change in the market conditions soon. With normal October business a tight market can be looked for owing

WANTED

'Mums, Roses, Carnations, Etc., on consignment. Checks weekly.

M. C. GUNTERBERG, 158 N. Wabash Ave., CHICAGO, ILL.

CHIFFONS SPECIAL

As long as this shipment lasts.

Per yd.	Per yd.
4 in., dotted.....4 $\frac{1}{8}$ c	10 in., dotted.....7 $\frac{1}{2}$ c
6 in., dotted.....5 $\frac{1}{8}$ c	10 in., valley.....7 $\frac{1}{2}$ c
6 in., valley.....5 $\frac{1}{8}$ c	10 in., lace
6 in., lace edge.....5 $\frac{1}{8}$ c	edge.....7 $\frac{1}{2}$ c

Colors must be assorted; white, pink, lavender, violet, purple, Nile and moss. First come, first served.

AMERICAN BULB CO.,

178 N. Wabash Avenue, CHICAGO

to the lateness of the carnation and chrysanthemum crops, which are at least from four to six weeks late.

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

LARGE QUANTITIES

SUNBURST -- OPHELIA -- RUSSELL

Beauties, Killarney, White Killarney, Champ Weiland,
Milady and other Roses mentioned in the price list below.

Fancy Lilies, Asters, Gladioli, Valley and Complete Line of Greens.

Current Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems	\$4.00
36 to 48-inch stems.....	3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.00
Short .....	.75

	Per 100
Richmond.....	Extra select
Killarney.....	Select
White Killarney.....	Medium
My Maryland.....	Short
Sunburst.....	
Ophelia.....	
Milady.....	
Champ Weiland.....	

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$2.00
Select	1.50
Medium	1.00
Short	\$.50 to .75

Per 100

Roses, our selection.....	\$ 3.00
Carnations	2.00 to 3.00
Chrysanthemums	per doz., 3.00 to 5.00
Harissii	10.00 to 12.50
Valley	5.00
Adiantum	1.00
Asparagus, per bunch.....	.50 to .75
Ferns, per 1,000	\$2.00
Galax, bronze and green, per 1,000..	1.25

2,000,000 Feet of Modern Glass

Z M E A & N C N H N

Chicago Headquarters for RUSSELL AND OPHELIA

Our supply of Russell and Ophelia roses is large and of such good quality that they are recognized as the best in this market. In addition to Russell and Ophelia we have our regular supply of Ward, Sunburst, Richmond, Milady, Killarney and White Killarney.

WHITE CHRYSANTHEMUMS YELLOW

Same fancy grade of stock that we supplied our customers with last year.

Gladioli, Lilies, Carnations, Valley, Greens

Remember when ordering that our line is so complete that it includes every item offered in the Great Chicago Market.

30 E. Randolph St., L. D. Phones
Central { 3283
 { 3284
Automatic, 42-965 CHICAGO

NOTES.

Captain A. I. Simmons, depot quartermaster, Illinois National Guard, is again attending to his duties at his store at 242 West Sixty-third street. He was stationed with the state troops at Springfield for four months and during that time made four trips to the Mexican border.

L. G. Lindsay, representing the Hiawatha Gardens Co., Minneapolis, Minn., and bride are spending their honeymoon in this city.

Wholesale Cut Flowers---Greens and Supplies

Prices cheerfully submitted on whatever you need upon request.

O. A. & L. A. Tonner

30 E. Randolph Street, Phone, CHICAGO, ILL.
Central 6284.

Mention the American Florist when writing

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

We are now cutting heavily in Ophelia and other roses of unsurpassed quality and can take splendid care of you in what you need in this line.

Current Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.

	Per doz.
Long stems	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
18-inch stems	2.00
12-inch stems	1.50

White—KILLARNEY—Pink.

	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00

RICHMOND

	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00

OPHELIA.

	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Good	3.00

SUNBURST.

	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Good	3.00

GEORGE ELGAR35c per bunch
ROSES, OUR SELECTION, \$3.00 PER 100.

LILIES. Per 100
Fancy\$10.00 to \$12.50

Miscellaneous.

Ferns, per 1,000	2.00 to 2.50
Smilax, per doz.....	2.00
Adiantum	1.00
Sprenger, per bunch.....	.50
Asparagus Sprays, bunch.....	.50
Galax, bronze and green, per 1,000....	1.25
Other Green Goods Market Rates.	

The Fleischman Floral Co. had the decorations for the Oliver wedding at South Bend, Ind., September 30, which called for a large supply of stock including 2,500 lilies. Manager Graham, Ed Mallison and two of the other Fleischman employees decorated the church and the Oliver home, making the trip by auto with the firm's large delivery truck. In addition to decorating the church and the home the Fleischman company furnished all the wedding bouquets. W. K. Palmer is back in the employ of this concern.

Bassett & Washburn are supplying their customers with a fancy grade of white and yellow October Frost chrysanthemums and expect to cut Crystal Gem and Golden Queen in a few days. The Hoosier Beauty roses that this firm is offering are unusually fine and are attracting the attention of the city buyers. Some of them have stems fully three feet long.

Ronsley is open for business at his new location, at 17 East Jackson boulevard, and is well pleased with trade so far. He has signified his intention of straightening up the old debts contracted while he operated his Dearborn street store as soon as he possibly can, though he is not legally obliged to do so.

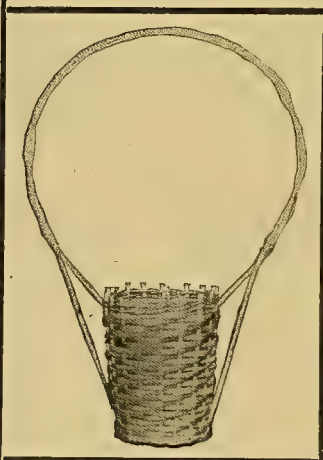
Wietor Bros. have started to cut chrysanthemums but so far the shipments include only the early white varieties. They have 18 houses, 28x165 feet, devoted to chrysanthemums and pompons this season and will soon be cutting heavily in both. N. J. Wietor speaks well of the variety Marigold.

The Chicago Flower Growers' Association received its first shipment of home grown single violets of the season, October 3, from the Riverbank Greenhouses. The directors of the Chicago Flower Growers' Association will meet at this firm's North Wabash avenue store, next Tuesday, October 10, at 3 p. m.

Peter Reinberg cut his first chrysanthemums September 29, and reports a brisk demand for same. Felix Reichling says that business at their house continues to be unusually good and that after their regular customers are all taken care of each day, there is never any stock left.

Mathias Ullenbruch, Port Huron, Mich., and George Donnelly, Grand Rapids, Mich., were here on a business trip this week. Mr. Ullenbruch has

THREE BIG BARGAINS



25 SMALL CUT
FLOWER BASKETS, \$7.50
Suitable for pompons, etc.

25 MEDIUM CUT
FLOWER BASKETS, \$15.00
Suitable for roses, carnations, etc.

25 LARGE CUT
FLOWER BASKETS, \$19.00
Suitable for American Beauty and Mrs. Chas. Russell roses, chrysanthemums and other long stemmed cut flowers.

Order as early as possible so as to avoid any possible delay in shipment. Wire in your order today and we will send it out on the next train. Hurry!

Send for our latest Catalog—just off the press.
You need it—a postal will do.

RAEDLEIN BASKET CO.

713 Milwaukee Avenue,

CHICAGO

50,000 square feet of glass devoted to cut flowers and plants, the output of which is sold through his retail store in that city.

Duncan Robertson, well known to the local retail trade, is in the employ of O. J. Friedman. Mr. and Mrs. Robertson returned from Boston recently to make their future home here.

George Reinberg is cutting from a large crop of roses and never had a finer supply to offer at this season of the year than he has right now. His Ophelia are especially worthy of note.

A. E. Hunt & Co. have started to cut a good supply of white and yellow daisies and straw flowers. They market their stock at D. E. Freres' wholesale store.

Buchbinder Bros. are installing a new 15-foot Buchbinder refrigerator in Schiller's West Madison street store,

the order for which was booked recently.

John Evans returned to his home at Richmond, Ind., September 29, after spending a day at Kenosha, Wis., and the greater part of a week here.

Robert Windler, who is operating the Adam Zender greenhouses in Rogers Park, is shipping a nice supply of roses to D. E. Freres.

Frank Danzer, with John Breitmeyer's Sons, Detroit, Mich., and wife, have been visiting here for several days.

The Chicago Florists' Club will meet at the Hotel Morrison Thursday evening, October 5, at 8 o'clock.

Mrs. Ennis and daughter, Gladys, of Milwaukee, Wis., visited friends here September 29.

A. W. Herre, representing Poehlmann Bros. Co., is back from an out-of-town trip.

START RIGHT

Place your fall orders
with us for Beauties,
Roses, 'Mums, Etc.

CURRENT PRICE LIST—Subject to Change Without Notice.

Beauties.	Per doz.
Long stems	\$3.00 to \$4.00
30 to 36-inch stems	2.50
20 to 24-inch stems	1.50 to 2.00
15 to 18-inch stems	1.00
12-inch stems .....	.75

Mrs. Chas. Russell.

	Per 100
Extra fancy	\$15.00 to \$20.00
Good medium	10.00 to 12.00
Good short	4.00 to 6.00

Roses.

Ophelia, fancy	\$8.00 to \$10.00
“ good	5.00 to 6.00
“ short	2.00 to 4.00
Killarney, fancy	8.00
“ good	5.00 to 6.00
“ short	2.00 to 4.00

	Per 100	\$
Richmond, fancy	5.00 to	8.00
“ good	2.00 to	4.00
“ short	2.00 to	4.00
White Killarney, fancy	5.00 to	8.00
“ good	2.00 to	4.00
“ short	2.00 to	4.00
Ward, fancy	5.00 to	8.00
“ good	2.00 to	4.00
“ short	2.00 to	4.00
Sunburst, fancy	5.00 to	8.00
“ good	2.00 to	4.00
“ short	2.00 to	4.00
Killarney Brilliant, fancy	5.00 to	8.00
“ good	2.00 to	4.00
“ short	2.00 to	4.00
Roses, our selection	3.00	

Carnations.

	Per 100	\$
Special fancy	3.00	
Good	\$1.50 to	2.00

Miscellaneous.

	Per 100
Easter Lilies, select.....	\$10.00 to \$12.50
Orchids, Cattleyas, per doz...	10.00 to 12.00
Valley	4.00 to 5.00
Chrysanthemums.....per doz.	2.00 to 4.00
Gladlioli	2.00 to 6.00
Asters	2.00 to 4.00

Greens.

Asp. Plumosus.....per string,	\$0.50
Asp. Plumosus Sprays..bunch,	\$0.35 to .50
Sprengerl	per bunch, .35 to .50
Adiantum	per 100, 1.00
Smilax, choice	per doz., 1.50 to 2.00
Fancy Ferns	per 1,000, 2.00 to 2.50
Galax Leaves	per 1,000, 1.00

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave, Chicago

The Chicago Flower Growers Association

WHOLESALE GROWERS & CUT FLOWERS AND PLANTS

182 North Wabash Avenue

L. D. Phone Randolph 631

CHICAGO

ROSES IN HEAVY SUPPLY

Milady, Russell, Ward, Ophelia, Killarney and White Killarney roses, and All Other Seasonable Cut Flowers.

E. F. Winterson and family and about 30 friends had a house warming at his new home in Highland Park last Sunday, October 1, when everyone present had a most delightful time. Fritz Bahr decorated the place in grand style and it was late in the evening when the happy party broke up.

J. A. Budlong is in good crop with roses and is receiving as fine a supply of carnations as there is obtainable in the local market. The shipping trade at this house is brisk and the local demand is also so good that everything is disposed of early each day.

A. L. Vaughan & Co. are handling a larger supply of American Beauty roses than ever this week, but the demand is equal to the supply and a grand clean-up is experienced each day. Morris Grossburg is back from an out-of-town trip and is giving Bill Johnson a lift at the store.

Zech & Mann are handling large quantities of Mrs. Chas. Russell roses in addition to a complete line of all other seasonable stock including chrysanthemums. Allie Zech reports business as fine with a big increase in sales for September over the same month last year.

Wm. Wienhoeber, with the Ernst Weinhoeber Co., reports a great improvement in trade since his firm's customers have returned home from their summer vacations.

F. J. Newitt, of Park Ridge, son of F. Newitt, is employed in the A. L. Randall Co.'s wholesale plant department where J. E. Quallich so ably presides.

E. W. Metz, of Metz & Bateman, Toledo, O., was a visitor at Bassett & Washburn's store October 2.

Chas. W. McKellar is handling some late gladioli from the upper peninsula of Michigan.

Poehlmann Bros. Co. housed 200,000 carnation plants this year and the stock is in splendid shape now, but Tony Gabel says that the crops are from four to six weeks late compared to former years and that it will be several more weeks before there will be any great supply to speak of. Tom Conlon has a fine supply of pot chrysanthemums coming along, some of which should be ready for delivery in about two weeks. In the palm department H. M. Oeser is busy as can be getting the orders packed and ready for shipment. The palm sales for September were over 25 per cent ahead of the same period in 1915.

H. Van Gelder is on duty every day at Percy Jones' store, and business is going along as usual under his personal supervision and the management of J. E. Pollworth. This firm has added several new growers to its list recently and has all arrangements made for its fall and winter supply. Chrysanthemums and pompons are seen in large quantities at this store and have been in exceptionally good demand the past few weeks.

A. T. Pyfer & Co. are strong on roses this week which are in good crop with Pyfer & Olsem at Wilmette, and are bringing very satisfactory prices. R. J. Mohr is taking to the wholesale trade like a duck does to water and is well pleased with his new position.

George Sykes, of Lord & Burnham Co., and wife, are visiting at Colorado Springs, Colo.

Visitors: Julius Dilloff, representing Schloss Bros., New York; S. W. Pike, St. Charles; Marion Ulschmidt, manager of Grimm & Gorly's East St. Louis store.

Kansas City, Mo.

SHORTAGE OF CUT STOCK.

Business during the past week has been very brisk and with a shortage of cut flowers the buyers cleaned up the stock as fast as it was received; in fact, at times the supply was not sufficient to meet the demand. Roses were in the lead in quantity and as the quality was good, prices were inclined to be a trifle high. Sunburst, Ward, Ophelia, Milady and the Killarneys were the varieties. Carnations are more plentiful as are also chrysanthemums and some very good dahlias are to be had. Lilies and gladioli are still here. The California strawflower has arrived and meets with ready sale.

NOTES.

September 29 was "flower grab day" in the park flower beds, which were open to all comers, an annual custom started years ago. The beds were well cleaned up, the plants being vincas, geraniums, cannas, begonias, coleuses, caladiums and dusty millers.

W. J. Barnes has all of his decorative plants back in the greenhouses and is giving them a bath to rid them of the accumulation of dust they gathered while serving as department store ornaments. Everything at this establishment is in fine shape.

The Alpha Floral Co. has employed an advertising man to handle these details of their business, which at this establishment are very extensive. S. Clark is now in charge of the publicity end.

T. J. Noll & Co. report a heavy demand but a short supply. They are handling fine roses, chrysanthemums and lilies. Mrs. Noll has returned from her eastern trip.

Samuel Murray was the only member of the local trade to carry off the award of honorable mention for a window display during "fashion week."



COMING BACK

Our customers are all coming back to us this season. This is proof that our stock, prices, etc., are entirely satisfactory. With our increased supply of stock, we can add more customers to our list and still give everyone entire satisfaction. If you have not been a customer of ours in the past, why not begin now?

A. T. PYFER & CO.

WHOLESALE FLORISTS

30 East Randolph Street, CHICAGO, ILL.

Long Distance Telephone—Central 3373.

H. Kusik & Co. report a shortage in stock but had a fair supply of roses, a few carnations and some good chrysanthemums, lilies, dahlias and gladioli.

A. F. Barbe's chrysanthemums are showing color. He is cutting good roses and his carnations are coming to the front nicely.

Wm. Foith reports trade improving. His chrysanthemums are showing color and he is cutting a few carnations daily.

Patrick Larkin reports a very good week of decorations for dinners and parties for which he used quantities of stock.

Jacob Hepting is beginning to cut some fairly good short stem carnations.

Visitor: Robert Newcomb, of American Bulb Co., Chicago.

E. J. B.

Oklahoma City.

STATE FAIR STIMULATES SALES.

Trade has been very satisfactory during the past week, the state fair having brought thousands of people into the city, and the florists have been kept busy all the time. While the demand for flowers has been quite good, there has also been a great call for bulbs, and it might be mentioned that the local trade are featuring bulbs rather heavily just now. The weather is cool, a very light frost occurring on the night of September 28, but no particular damage was done; in fact, the hay-fever victims around here declare that it was very beneficial.

S. S. B.

Terre Haute, Ind.

DAHLIA CROP COMPLETE FAILURE.

The weather conditions have been ideal for fall work and all of the florists have their houses in fine shape for cold weather. Frost came fully a month earlier than usual this year, cutting down the outdoor flowers and killing the dahlias which had just recovered from drought and promised a fine crop.

NOTES.

Chas. E. Parker had two acres of dahlias which were a complete failure. This is the first season in many years that he has had no fall flowers. Chrysanthemums are very slow in coming along and there are no prospects of good blooms for at least three or four weeks.

The Davis Gardens are cutting thousands of cucumbers. Their houses are in the very best of condition. With the many new homes being erected nearby the location is becoming quite a suburb.

Roses at the Terre Haute Carnation & Rose Co.'s range are showing fine form. Ben Lipman is the new grower here.

Fred Heintz will move into temporary quarters until his new home is completed, which will be about December 1.

Cowan Bros. have installed a Kroeschell boiler sufficiently large to heat their entire establishment.

Fred Wunker has added another Ford, which will be used for delivery service.

Heintz & Webber are busy with shipments of ferns and poinsettias. S.

WITH THE OPENING of the FALL SEASON

YOUR aim should be to furnish your customers with stock that will build up your trade. Give them the newest varieties there are in roses as well as all the best standard varieties. We are growing several new roses this season, which every up-to-date Retail Florist should not be without as they are business getters and money makers. To satisfy yourself on this score send us your orders for:

Mrs. Chas. Russell
Lady Alice Stanley
Mrs. W. R. Hearst
Ophelia

Sunburst
Milady
Mrs. Aaron Ward
Hoosier Beauty

Double White Killarney
Double Pink Killarney
Pink Killarney
Killarney Brilliant

MINIATURE NOVELTY ROSES

Cecile Brunner or Sweetheart—Baby Doll—George Elgar.

We never failed to take care of our customers during the extreme scarcity existing last spring. This year finds us situated better than ever to supply you, as we are receiving the output of several large new growers in this vicinity, together with the usual supply from our large range. Why not send your order to us where they are always sure to be taken care of?

VALLEY--LILIES

Our Blue Ribbon Brand speaks for itself.
 Daily supply of Valley as well as Lillies.

CARNATIONS

We are getting in as good a grade as can be found in this market for this time of the season.

CHRYSANTHEMUMS—Can supply in Yellow varieties.

The Gladioli and Asters which we are offering are exceptionally fine in spite of the extremely dry and hot summer.

Why Not Use The Best For Your Trade?

You can increase your profits and business by sending all your orders direct to

**Quality
 Speaks
 Louder
 Than
 Prices.**

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

**ROSES, VALLEY
 and CARNATIONS
 A Specialty.....**

**WHOLESALE
 Grower of**

GUT FLOWERS

**Prices
 As
 Low
 As
 Others.**

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Philadelphia Notes.

Chas. Weaver, of Ronks, Lancaster county, is first in with sweet peas, shipping as many as 1,000 a day of very fine grandifloras to the S. S. Pennock-Meehan Co. A beautiful little white Polyantha rose called Cameo is also a feature here.

The Leo Niessen Co. is right in the midst of their dahlia season. Between 15,000 and 20,000 flowers are handled daily and 5,000 additional on week-end days. Choice American Beauties and Golden Glow chrysanthemums are also features.

S. S. Pennock has returned much benefited from his summer vacation and expresses himself as glad to get back into the harness. He is much pleased with the way business has opened up, and anticipates a record breaking season.

The Joseph Heacock Co. adds life to its corrugated boxes by giving the inside bottoms a coating of paraffine; this, together with an inside lining

around the sides of the corrugated pasteboard, greatly adds to the lasting qualities.

President S. S. Pennock, of the American Rose Society, has called a meeting of the executive committee to be held in New York the second week in October. Accessions are constantly being made to the membership.

Martin Gannon, a well known and popular salesman, formerly of the Leo Niessen Co. force, is now with Alfred M. Campbell. Martin is a hustler and will no doubt make good in his new position.

Ben. Gibbs, of the Bernheimer force, is recovering from an attack of pleurisy. His absence of two weeks is the longest and almost the first absence on account of illness in 16 years.

A window of choice vegetables is a feature at the H. F. Michell Co.'s store. Holland bulbs are arriving in quantity, though some are being delayed by the strike in New York.

Edward Reid is strong on American Beauties. with lily of the valley as an-

other special. The "sage" is still ruminating in the "wild and woolly west."

All kinds of foliage stock is moving well with the Robt. Craig Co. They are especially proud of their arecas, having the finest stock in the country.

Ophelia roses of winter quality, together with fine Hadley, are features of the stock of the Philadelphia Wholesale Florists' Exchange.

Paul Berkowitz reported an unusually heavy mail on October 2. Every department of H. Bayersdorfer & Co. is crowded with orders.

Berger Brothers are handling good tuberoses, dahlias and choice Maryland roses. Easter lilies are also seen in quantity.

Stuart Miller finds the market opening up nicely. He is sure this will be a good season, no matter who is elected.

The M. Rice Co. is now in its new building, 1220-26 Spring Garden street.
 K.



Before you order any more of the boxes you have been using, let us show you samples of the boxes that have been increasing the trade of so many florists.

They are distinctive in design; rich in appearance; durable and convenient.

They cost but a fraction of their value when you consider what the added satisfaction is worth to your customers.



A.A. ARNOLD PAPER BOX COMPANY
1302-1308 West Division St., Chicago



Indianapolis.

CUT FLOWER SUPPLY IS LIMITED.

Fine weather has characterized the past week, the cool nights and bright days have given an impetus to social functions and counter trade has increased. Roses have been in heavy demand, especially short ones, while Russell and American Beauty have been great rivals for popularity in the long stemmed stock. There are scarcely enough lilies to meet requirements, prices varying from 10 to 15 cents. The chrysanthemum situation is improving but prices continue rather high. Carnations are coming into this market in a steady flow, but the quality shows improvement and prices have advanced to \$2 and \$3 per 100. Numerous weddings have caused a good demand for lily of the valley and orchids and both of these items are scarce in consequence. Miscellaneous offerings include gladioli, tuberose, Buddleia Asiatica, snapdragons and cosmos. Greens are more plentiful with the exception of smilax, which is hard to get at any price. Pot plant sales keep up remarkably well. All of the local trade have their attention centered upon the work of decorating floats for the numerous pageants of the Indiana centennial this week. A handsome float will be that representing the florist trade.

NOTES.

Lest you forget—The joint meeting of the Indiana State Florists' Association and the Society of Kentucky Florists will be held at New Albany, Ind., and Louisville, Ky., October 17-18. We will be looking for you.

Clarence R. Greene, one of the most competent storemen in this city, has taken the management of the Hensley Flower Shop and will make quite a showing this fall with chrysanthemums, roses and carnations.

Lee Rickenback and Fred Hukreide, two of the fishermen in the local trade, made a trip to the Brandywine this week and brought back—the hooks.

Tomlinson hall flower market had good business in pot plants during the past week, but cut flowers were short of demand and cleaned up quickly.

E. H. Rieman and wife recently celebrated their twentieth wedding anniversary, about 50 relatives being present.

French bulbs have arrived in quantity and the Dutch varieties are beginning to make their appearance.

The Benson-Oilar Co.'s store has been redecorated in white and gold, greatly improving its appearance.

The roadster of the Pahud Floral Co., stolen recently, has not been recovered.

Bertermann Bros. Co. has been exceptionally busy with weddings.

Albert Stanley has a fine lot of hardy plants.

Visitors: Guy Reburn and Sam Seligman, Chicago.

M. E. T.

Pittsburgh.

BUSINESS CONTINUES SATISFACTORY.

Business has been good during the past week, with stock not so plentiful except short roses, which continue to flood the market. Most of the outdoor stock has been affected by the frost. There are still some gladioli and short asters. Dahlias are still good. We hope they will continue until the indoor flowers come along in sufficient quantity to take care of the trade. American Beauties are good and are selling at a small advance over last week. Lilies are still scarce. Some carnations are seen, mostly short stems.

NOTES.

Kaufmann's dahlia show was quite a success and orders were taken for many roots to be delivered next spring.

M. F. Stafford has opened a flower store at 105 Smithfield street. We hope success is with him as he is a hustler and is well known.

M.

Buffalo, N. Y.

DEMAND IS ACTIVE.

The weather is ideal with a good supply of stock that finds ready sale. Trade during the past two weeks has been excellent, there being a number of weddings of goodly proportions that called for much good stock and kept the trade busy. Very few chrysanthemums are to be seen and they are not offered by many owing to the poor quality, good dahlias being preferred at this writing. Gladioli have also been a great help. American Beauty is good in quality but the supply is limited. Carnations are almost forgotten—it has been so long since a good flower has been seen. Asters are about gone.

NOTES.

The opening of the Citizen's Commercial Trust Co.'s establishment called for a large quantity of flowers. W. J. Palmer & Son had a number of orders for the occasion as did Charles Schoenhut. S. A. Anderson's staff were kept

FLORISTS'

GREENING PINS.

No Florist should be without a box of Greening Pins, considering their small price, convenience and amount of labor saved. One box contains 10 lbs. (about 10,000 to 11,000 pins). (Samples free).

Price, per box.....\$1.50
5 boxes for..... 7.00

Geo. H. Angermueller

Wholesale Florist
1324 Pine St., St. Louis, Mo.

New Crop Smilax

Smilax.....at \$2.50 per case
Green Sheet Moss..... 1.75 per bag
Perpetuated Moss..... 3.50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens

EVERGREEN, ALABAMA

Mention the American Florist when writing

New Crop Smilax

Smilax..... at \$2.50 per case
Green Sheet Moss... 1.75 per bag
Perpetuated Moss... 3.50 per bag

Edward A. Beaven, EVERGREEN, ALA.

Mention the American Florist when writing

busy getting the decorations in shape. The flowers were afterwards sent to the hospitals.

S. A. Anderson had three large weddings September 30 and used orchids, lily of the valley and pink cactus dahlias in profusion, together with quantities of other stock. He has also been busy with funeral work.

The florists belonging to the Broadway contingent are certainly catering to the bride. Teddy, Max and the others are monopolizing all of the Wm. F. Kasting Co. lily of the valley—and then some.

It is rumored that Stroh's Quality Flower shop will remove to 379 Main street in the near future, a very handsome store and one well adapted to the business.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue.

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

The Largest, Best Equipped,
Most Centrally Located

WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO

174-6 N. Wabash Ave., CHICAGO

L. D. Phones
CENTRAL 1977 and 1978.

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

HOERBER BROS.

Wholesale Growers of **Cut Flowers**

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave.,

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

W. J. Palmer has returned from his vacation spent in the Canadian wilds much improved and rested and is ready for the fall and winter rush.

J. Benson Stafford has some very attractive fall windows at his exclusive establishment.

S. A. Anderson and wife have returned from an auto trip to Lake George.

BISON.

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST. Per doz.

Roses, Beauty, specials.....	\$4 00
" " 36-in.....	3 00
" " 30-in.....	2 50
" " 24 in.....	2 00
" " 20-in.....	1 50
" " 18 in.....	1 00
" " short.....per 100, \$4 00@ 6 00	

Per 100

Mrs. Chas. Russell.....	\$4 00@15 00
Hoosier Beauty.....	4 00@10 00
Killarney Brilliant.....	3 00@10 00
Killarney.....	3 00@10 00
White Killarney.....	3 00@10 00
Richmond.....	3 00@10 00
Prince de Bulgarie.....	3 00@10 00
Rhea Reid.....	3 00@10 00
My Maryland.....	3 00@10 00
Mrs. Geo. Sawyer.....	3 00@10 00
Milady.....	3 00@10 00
Sunburst.....	3 00@10 00
Mrs. Aaron Ward.....	3 00@10 00
Hadley.....	3 00@10 00
Ophelia.....	3 00@10 00
Double White Killarney..	3 00@10 00
Mrs. Moorfield Storey...	3 00@10 00
Champ Weiland.....	3 00@10 00
Stanley.....	3 00@10 00
Tipperary.....	3 00@10 00
Frances Scott Key.....	3 00@10 00
Bayard Thayer.....	3 00@10 00
Cecile Brunner.....	2 00@ 3 00
George Elgar.....	2 00@ 3 00
Baby Doll.....	2 00@ 3 00
Fireflame.....	4 00
Our selection.....	3 00

Carnations.....	1 00@ 3 00
Cattleyas ... per doz.,	10 00@12 00
Chrysanthemums.....	per doz., 2 00@ 5 00
Asters.....	2 00@ 4 00
Lilium Harrisii.....	10 00@12 50
Valley.....	3 00@ 6 00
Adiantum Croweanum.....	1 00@ 1 50
Ferns..... per 100, 2 00@2 50	
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy.....	per 1000, 5 00@6 00
Plumosus Strings.....	each, 60@ 75
Smilax.....	per doz., 2 00@2 50
Sprengerii, Plumosus Sprays.....	3 00@ 4 00
Riverton 25clb per case.....	7 50
Wild Smilax.....	per case, \$6.00

Established 1883 Incorporated 1892

KENNIGOTT BROS. COMPANY

Wholesale Commission Florists

163-5 No. WABASH AVE., CHICAGO
Telephone Central 466

Mention the American Florist when writing

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

Mention the American Florist when writing

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

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FOR TYING FLOWER BOXES

Write for samples and prices.

Chicago Printed String Co.,
309 S. LA SALLE ST., CHICAGO.

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Beauties

THE LEO NIESSEN CO.,

1201-5 Race St., Philadelphia, Pa.

Philadelphia.

DEMAND QUIET AND SUPPLY AMPLE.

The situation the past week was not as good as that of the week before when the demand was always ahead of the supply. Monday was a fair day, as is generally the case when the stores usually stock up, but from then on until Saturday, when there appeared an extra demand, things were very quiet and stock accumulated to such an extent that the fakirs were given the glad hand for the week-end cleanup. Dahlias, while still suffering from the drought, are much more plentiful; a heavy rain, September 29, the first of importance in the dahlia region for over a month, will be a great help. For all good stock top prices are obtained. Minnie Burgle and other choice sorts bring as high as \$5 a hundred. Roses of very good quality in all the leading varieties are being received rather in excess of the demand. American Beauties in all sizes, even up to 48-inch stems, can be had from stock in almost any quantity. Prices hold firm. Ophelia, Hadley and Ward will dominate the market this season, as nearly all the growers are strong on these varieties. Carnations, with stems from six to eight inches in length, are selling well up at \$2 a hundred; they would bring winter prices if they had the stem. There has been no frost to affect the outside stock. Asters still linger. The perennial sorts, with their long feathery sprays, are now largely used and are very decorative. Gladioli sell well and there is a demand for the tinted hydrangeas, cosmos and tritomas for store decorations. Golden Glow and October Frost chrysanthemums are quite plentiful, especially the former. They are in good demand. Cattleyas are more plentiful and lily of the valley, about which flower there has been so much anxiety, can be had in quantity and dealers say a supply is assured, but the scare has raised the price and \$6 is the figure as against \$4 last season. The business situation at this time is interesting. There is at least a 10 per cent increase in the supply of flowers over that of last year at this time, yet the demand is sufficient to keep the market well cleaned up of all first class stock, and even this early in the season, there has not been enough of a number of things and the dealers have had difficulty in getting stock to fill orders. All the wholesalers say that there is better demand than they have ever experienced at this season. There are two solutions, either the general public, owing to the prevalent prosperity, now so evident all over the country, are buying more flowers through the regular channels, or the demand from the various department and 5 and 10 cent stores, all of which now have flower and plant counters, that in some are quite pretentious sections, are opening up a way of reaching the public that is not possible to the regular stores. Quantities of flowers are handled and sold to people who had no thought of buying before they saw them, but just took a few along because they were so pretty and seemed so cheap. Every effort should be made

The supply is getting larger. We have quantities to select from. The best value you will find in the special and medium grades.

Wholesale Flower Markets

BUFFALO, Oct. 4.		Per 100
Beauty Special.....	20 00	25 00
" Fancy.....	15 00	20 00
" Extra.....	10 00	12 00
" First.....	8 00	10 00
" Second.....	2 00	4 00
Roses, Killarney.....	3 00	8 00
" White Killarney.....	3 00	8 00
" My Maryland.....	3 00	7 00
" Sunburst.....	3 00	6 00
" Ward.....	2 00	8 00
" Shawyer.....	3 00	6 00
Lily of the Valley.....		6 00
Lilies.....	12 00	15 00
Cattleyas.....	40 00	50 00
Carnations.....		3 00
Gladiolus.....	2 00	4 00
Asters.....		1 00
Asparagus Sprengeri... 35¢	50	
Ferns.....per 1000, 2 00		
Smilax.....		20 00

CINCINNATI, Oct. 4.		Per 100
American Beauty, per doz...	75¢	3 00
Roses, Killarney.....	2 00	6 00
" My Maryland.....	2 00	6 00
" Richmond.....	2 00	6 00
" Taft.....	2 00	6 00
Carnations.....	1 50	2 00
Lilium Giganteum.....	8 00	10 00
Gladiolus.....	2 00	4 00
Asparagus Plumosus, per bch., 25c		

BOSTON, Oct. 4.		Per 100
Roses, Beauty.....	20 00	25 00
" Killarney Queen.....	2 00	8 00
" White and Pink Killarney.....	2 00	8 00
" Double White Killarney.....	2 00	8 00
" Killarney Brilliant.....	4 00	10 00
" Hadley.....	4 00	10 00
" Cardinal.....	2 00	8 00
" Mock.....	6 00	12 00
" Mrs. Chas. Russell.....	6 00	12 00
" Sunburst.....	6 00	12 00
" Taft.....	2 00	8 00
" Milady.....	2 00	6 00
" Ward and Hillingdon.....	2 00	8 00
" My Maryland.....	50¢	5 00
Cattleyas.....	50 00	75 00
Lily of the Valley.....	4 00	5 00
Sweet Peas.....	50¢	1 00
Carnations.....	1 00	2 00
select.....	2 00	3 00

to nourish and keep up this increasing desire for flowers. There are no doubt millions of people who think of flowers as a luxury only for the rich, who if once induced to purchase and learn how inexpensive they are at times would no doubt become a factor when prices suited their slender resources.

CLUB MEETING.

The October meeting of the florists' club was interesting to a marked degree. There was a very large, almost a record-breaking attendance, the feature being the election of officers. One hundred and thirty-six votes in all were cast, resulting in the election of Adolph Farenwald, president; David Colflesh, vice-president; George Craig, treasurer, and David Rust, secretary, the latter gentleman for the twenty-third consecutive time. Wm. Saville, nursery superintendent of H. F. Michell Co., Inc., read a very interesting and valuable paper on "Herbaceous Plants and Perennials." This was full of information as to the best varieties that were suitable for cutflowers for florists' use. The Michell Co. also displayed a very extensive collection of cutflowers of over 200 varieties of garden plants, which occupied tables the full length of the club-room.

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET,
BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 a. m.

Mention the American Florist when writing

BERGER BROS.

Central Market

ROSES, ORCHIDS, VALLEY

A full line of Summer Flowers
Always high grade Easter Lilies

1225 Race St., Philadelphia, Pa.

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McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

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STUART MILLER, WHOLESALE
FLORIST

Always Seasonable Flowers

Orchids, Valley, Roses, Asters, Gladioli,
Easter Lilies, Hydrangeas.

Unexcelled Opening for Carnation Consignors
for the Coming Season.

ONE BLOCK FROM EXPRESS OFFICE
1617 Ranstead Street, PHILADELPHIA, PA.

After the election, speeches were made by all the candidates, who were unanimous in their expression of loyalty to the club and predicted great increase in membership and a forward movement in all its affairs. K.

C.C. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., Milwaukee, Wis.

Wholesalers and Growers of
**Choice Cut Flowers
and Greens**

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

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H. KUSIK & CO.

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Manufacturers of Wire Designs.

We are the largest cut flower shippers in Kansas City. If on the market, we have it. Get our prices and we will fill your orders. Satisfaction guaranteed.

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Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock

Killarney, Sunburst and others.

CATTLEYS, CARNATIONS and LILIES.

One block from express depot.

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Philadelphia Wholesale Florists' Exchange

High Grade Roses, Gladioli, Asters, Easter Lilies
and other Seasonable Flowers.

Up-to-the-Minute Service. Satisfaction Guaranteed.

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New Fancy Ferns

Special picked. Leave your regular orders with us.

Fancy Lily of the Valley, Orchids, Gladioli, Lilies and all other seasonable flowers.

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C. A. KUEHN, Wholesale Florist.
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Oct. 4.		
Roses, Beauty, extra.....	20 00@25 00	Per 100
first.....	10 00@15 00	
" Mrs. Chas. Russell.....	6 30@10 00	
" Killarney.....	2 00@ 4 00	
" White Killarney.....	2 00@ 6 00	
" Liberty.....	2 00@ 6 00	
" Hadley.....	4 00@12 00	
" Sunburst.....	3 00@ 8 00	
" Ophelia.....	3 00@ 8 00	
" Hoosier Beauty.....	4 00@12 00	
Carnations.....	1 00@ 2 00	
Cattleyas.....each, \$0 75@ 1 00		
Lilium Harrison.....	6 00@ 8 00	
Asters.....	2 00@ 4 00	
Gladioli.....	2 00@ 6 00	
Larkspur.....	4 00@ 6 00	
Dahlias.....	1 00@ 4 00	
Valley.....	4 00@ 6 00	
Asparagus.....per bunch, 50		

PITTSBURGH, Oct. 4.		
Roses, Beauty, special.....	25 00	Per 100
" fancy.....	20 00	
" extra.....	15 00	
" No. 1.....	8 00	
" Killarney.....	2 00@ 6 00	
" My Maryland.....	2 00@ 6 00	
" Sunburst.....	2 00@ 6 00	
" Mrs. Aaron Ward.....	2 00@ 5 00	
Cattleyas.....	40 00	
Lilium Giganteum.....	12 00	
Carnations.....	3 00	
Adiantum.....	1 25	
Asparagus Sprengeri, per bunch, 35@40		
Asters.....	1 00@ 2 00	
Gladioli.....	2 00@ 4 00	
Lily of the Valley.....	4 00	
Dahlias..... 2 00@ 4 00 per 100		

MILWAUKEE, Oct. 4.		
Roses, Killarney and W. Killarney.....	3 00@ 8 00	Per 100
Ward.....	3 00@ 6 00	
" Mrs. Chas. Russell.....	5 00@20 00	
" Ophelia.....	3 00@ 8 00	
" Hoosier Beauty.....	3 00@10 00	
Lilies.....	10 00@12 50	
Cattleyas.....per doz., 6 00		
Carnations.....	1 00@ 2 00	
Snagdragons.....doz., \$0.25@ \$0 50		
Gladioli.....	2 00@ 3 00	
Rubrum.....	3 00	
Valley.....	4 00@ 6 00	
Asters.....	1 00@ 3 00	
Chrysanthemums.....	2 00@ 2 50	

DAVID WELCH

EDWARD J. WELCH

WELCH'S WHOLESALE AND COMMISSION FLORISTS

FLORISTS' SUPPLIES

280 and 282 Devonshire St.,

BOSTON, MASS.

Consignments of Beauties, Lilies of the Valley,
Orchids and all other flowers received daily.

Telephone—Court Hill 2964, 2965.

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H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

ST. LOUIS, Oct. 4.		
Roses, Killarney.....	2 00@ 6 00	Per 100
White Killarney.....	2 00@ 6 00	
Aaron Ward.....	2 00@ 5 00	
Sunburst.....	2 00@ 6 00	
Ophelia.....	2 00@ 8 00	
Cecile Brunner.....	2 00	
Richmond.....	2 00@ 6 00	
" Mrs. Chas. Russell.....	4 00@10 00	
Dahlias.....	3 00@12 50	
Valley.....	5 00	
Lilies.....	12 50	
Asparagus Plumosus, per bu, 25@75		
Ferns.....per 1000, 1 75		

ENGLISH

Guaranteed Two-Year-Old, Low Budded

BEES' ROSES ARE AMA

Top growth alone is not a safe criterion of the value of a rose tree to you. True, you must have vigorous and healthy branch and leaf development in order to insure a solid foundation for the subsequent life of the tree. But these things are often procured in highly-fed soils where the formation of root fibre is retarded or negated. When you get such trees into your forcing or flowering beds, there is a long pause before the roots become acclimatised, so to speak. This is due to the fact that the necessary equipment of feeding fibres, which will enable the trees to go straight on with their work, does not exist. Abundance of root fibre was not necessary in the period of forced growth in heavy over-fed soil, consequently Nature did not provide it. The result is a fat lazy tree, of actually less value to you than a starveling.

What you want is a tree that has more or less of a struggle for existence—that has had to work for its living; a prize-fighting-boxer sort of tree, that is trained up to the last ounce. You can get such trees under suitable conditions. They are grown by the million on Bees' 200-acre farm in North Wales, England. Bees' Nursery is part of a huge plain situated on the banks of the River Dee, within hail—almost—of Chester, on the one hand, and Mount Snowdon on the

PRELIMINARY OFFER. Prices per 100.

DWARFS.		DWARFS—Continued.		DWARFS—Continued.	
Abel Carriere (H.P.)	.. \$7.75	Dupuy Jamain (H.P.)	.. \$7.75	Irish Fireflame (H.T.)	.. \$14.4
Aennchen Muller (D. Poly.)	.. 7.75	Earl of Gosford (H.T.)	.. 8.25	J. B. Clark (H.T.)	.. 8.2
Admiral Ward	.. 12.00	Earl of Warwick (H.T.)	.. 8.25	Jessie (D. Poly.)	.. 7.7
Alexander Hill Gray	.. 9.50	Ecarlate (H.T.)	.. 8.25	Jonkheer J. L. Mock (H.T.)	.. 8.2
Alfred Colomb (H.P.)	.. 7.75	Edith Bellenden (H.S.)	.. 9.50	Jos. Hill (H.T.)	.. 9.5
Anna Olivier (T.)	.. 9.50	Edu Meyer (H.T.)	.. 8.25	Juliet (H.B.)	.. 8.2
Antoine Rivoire (H.T.)	.. 9.50	Edward Bohame (H.T.)	.. 25.00	Katherine Zeimet (D. Poly.)	.. 7.7
Arthur R. Goodwin (Per.)	.. 8.25	Edward Mawley (H.T.)	.. 9.50	Killarney (H.T.)	.. 7.7
Avoca (H.T.)	.. 7.75	Ellen Poulsen (D. Poly.)	.. 8.25	King Edward VII (D. Poly.)	.. 8.2
Ben Cant (H.P.)	.. 7.75	Erna Teschendorff (D. Poly.)	.. 8.25	King George V (H.T.)	.. 9.5
Bessie Brown (H.T.)	.. 7.75	Ethel Malcolm (H.T.)	.. 8.25	Lady Alice Stanley (H.T.)	.. 8.2
Betty (H.T.)	.. 9.00	Eugene Lamesch (D. Poly.)	.. 9.50	Lady Ashtown (H.T.)	.. 8.2
Brilliant (H.T.)	.. 9.50	Fabvier (C.)	.. 8.25	Lady Dunleath (H.T.)	.. 10.7
British Queen (H.T.)	.. 8.25	Fisher Holmes (H.P.)	.. 7.75	Lady Hillingdon (T.)	.. 9.5
Captain Hayward (H.P.)	.. 7.75	Florence H. Veitch (H.T.)	.. 9.50	Lady Mary Ward (H.T.)	.. 9.5
Caroline Testout (H.T.)	.. 7.75	Frau Karl Druschki (H.P.)	.. 7.75	Lady Penzance (H.S.B.)	.. 9.5
Charles Lefebvre (H.P.)	.. 7.75	General MacArthur (H.T.)	.. 8.25	Lady Pirrie (H.T.)	.. 9.5
Charlotte Klemm (H.C.)	.. 8.25	General Jacqueminot (H.P.)	.. 7.75	Lady Roberts (T.)	.. 9.5
China Rose (C.)	.. 7.00	G. C. Waud (H.T.)	.. 8.25	La France (H.T.)	.. 8.2
Chrissie MacKellar (H.T.)	.. 8.25	George Dickson (H.T.)	.. 9.50	La Tosca (H.T.)	.. 8.2
Cissie Easlea (Per.)	.. 8.25	Georges Elger (D. Poly.)	.. 9.50	Leonie Lamesch (D. Poly.)	.. 7.7
Claudius (H.T.)	.. 8.25	Gloire de Chedane Guinoisseau		Leslie Holland (H.T.)	.. 9.5
Colleen (H.T.)	.. 10.75	(H.P.)	.. 7.75	Liberty (H.T.)	.. 8.2
Comtesse du Cayla (C.)	.. 9.00	G. Nabonnand (T.)	.. 8.25	Lieutenant Chaure (H.T.)	.. 9.5
Conrad F. Meyer (Rug.)	.. 7.00	Gorgeous (H.T.)	.. 25.00	Lucy Bertram (H.S.B.)	.. 9.5
Constance (H.B.)	.. 14.50	Gruss an Teplitz (H.T.)	.. 8.25	Lyon Rose (H.T.)	.. 8.2
Coronation (H.P.)	.. 10.75	Gustave Grunerwald (H.T.)	.. 8.25	Mabel Drew (H.T.)	.. 10.7
Countess of Derby (H.T.)	.. 8.25	Gustave Regis (H.T.)	.. 9.50	Mme. Abel Chatenay (H.T.)	.. 8.2
Countess of Shaftsbury (H. T.)	.. 8.25	Harry Kirk (T.)	.. 9.50	Mme. Collette Martinet (H.T.)	.. 25.0
Cynthia Forde (H.T.)	.. 8.25	Helen Keller (H.P.)	.. 7.75	Mme. Constant Soupert (T.)	.. 9.5
Dean Hole (H.T.)	.. 8.25	H. E. Richardson (H.T.)	.. 8.25	Mme. Chas. Lutaud	.. 10.7
Dr. O'Donel Browne	.. 8.25	Hoosier Beauty (H.T.)	.. 25.00	Mme. Edouard Herriot	.. 9.5
Dorothy Page Roberts (H.T.)	.. 9.50	Horace Vernet (H.P.)	.. 7.75	Mme. Hoste (T.)	.. 9.5
Dorothy Ratcliffe (H.T.)	.. 9.50	Hugh Dickson (H.P.)	.. 7.75	Mme. Isaac Perriere (Bour.)	.. 8.2
Duchess of Wellington (H.T.)	.. 9.50	H. V. Machin	.. 14.40	Mme. Jean Dupuy (T.)	.. 9.5
Duke of Edinburgh (H.P.)	.. 7.75	Irish Elegance (H.T.)	.. 8.25	Mme. Jules Grolez (H.T.)	.. 8.2

If you don't see here the sorts you want, or if you want a Special Price

BEES LTD. 1075 MI

Please tear out these Pages for

ROSES

Briar, Clean, Hardy, Field-Grown Stock.
INGLY FIBROUS ROOTED.

other. The land is actually reclaimed silt deposited by the Dee during past ages, and is swept from end to end by the bitter gales from the Atlantic Ocean.

See how splendidly these two factors combine to produce the ideal rose tree. First, there is the **naturally** rich, humus-laden silt soil. It is in a finely divided condition, and encourages—makes necessary—the formation of multitudinous root-fibres. Neither light nor heavy, and neither too wet nor too dry, it is the ideal rooting medium. Then the climate, the most searching and severe in the British Isles, comes into play. Every inclination towards exuberance is keenly contested. The tree has veritably to fight for its life. Wind, cyclonic in violence, almost tears the trees up by the roots; but the result is a more thorough and firm anchorage of the root fibres. Alternating climatic conditions of Arctic severity or delusive mildness compact the plant tissues to iron-wood hardness. The result, at lifting time, is a short-jointed, stocky tree, which grows and blooms with almost magical luxuriance when transplanted into milder quarters.

O. B. Liverpool on Orders for 1,000 Trees.

DWARFS—Continued.

Mme. Laurette Messimy (China)	\$7.75
Mme. Melanie Soupert (H.T.)	9.50
Mme. Ravary (H.T.)	8.25
Mme. Segond Weber (H.T.)	9.50
Margaret Dickson Hamill (H.T.)	30.00
Marie Van Houtte (H.T.)	9.50
Marquise de Sinety (H.T.)	10.75
Meg Merrilies (H.S.B.)	9.50
Melody (H.T.)	10.75
Mildred Grant (H.T.)	9.50
Miss Alice de Rothschild (T.)	9.50
Molly Sharman Crawford (T.)	9.50
Moss Rose	7.00
Mrs. Aaron Ward (H.T.)	9.25
Mrs. Alfred Tate (H.T.)	9.50
Mrs. Amy Hammond (H.T.)	9.50
Mrs. Andrew Carnegie (H.T.)	10.75
Mrs. A. R. Waddell (H.T.)	9.50
Mrs. Charles Curtis Harrison (H.T.)	8.25
Mrs. Charles E. Pearson (H.T.)	10.75
Mrs. Cornwallis West (H.T.)	8.25
Mrs. David McKee (H.T.)	9.50
Mrs. Edward Mawley (T.)	9.50
Mrs. E. G. Hill (H.T.)	8.25
Mrs. Foley Hobbs (T.)	9.50
Mrs. Forde (H.T.)	9.50
Mrs. Fred Straker (H.T.)	9.50
Mrs. G. Shawyer (H.T.)	9.50
Mrs. F. W. Vanderbilt (H.T.)	9.50
Mrs. Harold Brocklebank (H.T.)	9.50
Mrs. Herbert Hawkesworth (T.)	12.00
Mrs. Herbert Stevens (T.)	9.50
Mrs. John Laing (H.P.)	7.75
Mrs. Joseph H. Welch	9.50
Mrs. Myles Kennedy (T.)	9.50

DWARFS—Continued.

Mrs. R. D. McClure (H.T.)	\$9.50
Mrs. R. G. Sharman Crawford (H.P.)	7.75
Mrs. Taft (D. Poly)	7.75
Mrs. Theodore Roosevelt (H.T.)	9.50
Mrs. Wakefield Christie Miller (H.T.)	9.50
Mrs. Wallace H. Rowe (H.T.)	9.50
Mrs. W. H. Cutbush (D. Poly)	7.75
Mrs. W. J. Grant (Belle Siebrecht)	8.25
Nita Weldon (T.)	9.50
Old Gold (H.T.)	12.50
Old Moss	7.00
Ophelia (H.T.)	12.00
Orleans Rose (D. Poly.)	7.75
Paul Lede (H.T.)	8.25
Pharisaer (H.T.)	8.25
Prince Camille de Rohan (H.P.)	7.75
Prince de Bulgarie (H.T.)	8.25
Queen Mary (H.T.)	12.00
Rayon d'Or (H.B.)	10.75
Richmond (H.T.)	8.25
Rose Bradwardine (H.S.B.)	9.50
Senateur Vaisse (H.P.)	7.75
Souvenir de Gustave Prat (H.T.)	9.50
Sunburst (H.T.)	9.50
Suzanne Marie Rodocanachi (H.P.)	7.75
Ulrich Brunner (H.P.)	7.75
Victor Hugo (H.P.)	7.75
Viscount Carlow (H.T.)	9.50
Viscountess Folkestone (H.T.)	8.25
Warrior (H.T.)	9.50
White Killarney (H.T.)	9.50
Willowmere (Per.)	9.50
W. R. Smith (T.)	9.50
Yvonne Rabier	8.25

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American Pillar (Cl. Poly.)	8.25
Ards Rover (Cl. H.P.)	8.25
Aviateur Bleriot (Cl. Wich.)	8.25
Billard et Barre (Cl. T.)	8.25
Blush Rambler (Cl. Poly.)	8.25
Caroline Testout (Climbing)	8.25
Coronation Rambler (Cl. Wich.)	8.25
Crimson Rambler (Cl. Poly.)	7.00
Dorothy Dennison (Cl. Wich.)	8.25
Dorothy Perkins (Cl. Wich.)	8.25
Excelsa (Cl. Wich.)	8.25
Felicite Perpetue (Cl. Semp.)	7.75
Gardenia (Cl. Wich.)	8.25
Gerbe Rose (Cl. Wich.)	8.25
Gloire de Dijon (Cl. T.)	8.25
Hiawatha (Cl. Poly.)	8.25
Johanna Sebus (Cl. H.T.)	8.25
Lady Waterlow (Cl. H.T.)	8.25
La France climbing (Cl. H.T.)	8.25
Liberty, climbing (Cl. H.T.)	8.25
Mme. Alfred Carriere (Cl. H.N.)	8.25
Mme. Jules Gravereaux (Cl. T.)	8.25
Marechal Niel (Cl. N.)	9.50
Minnehaha (Cl. Wich.)	8.25
Mrs. W. J. Grant, climbing (Cl. H.T.)	8.25
Paul Lede, climbing	9.50
Paul Transon (Cl. Wich.)	8.25
Reine Olga de Wurtemberg (Cl. H.N.)	8.25
Richmond, climbing (Cl. H.T.)	9.50
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New York.

WEEK'S TRADE DISAPPOINTING.

The business of the past week was not up to expectations. The Jewish New Year usually makes some business for the florists, but it did not seem to have much effect on last week's business. Unseasonably warm weather, which tended to take the people out of the city, and the unsettled condition of labor, were probably responsible for the dullness. September 29, after a heavy rain storm, the weather turned quite cool and it may be taken as a settled fact that summer is over. There has been no surplus of good stock on the market and everything that is good has been bringing fair prices. The gladioli hold out wonderfully, and good stock is yet seen, though growing scarcer. Panama, America, and other good varieties bring \$4 per 100 wholesale. The asters are on the wane, and this week is likely to nearly finish them. A fair supply of dahlias is arriving, but no surplus. The supply of special American Beauties has been moderate and selected stock has sold up to 35 cents each, wholesale rates. In tea roses, there are few specials on the market, but such as there are have brought good prices. Prima Donna, which is not yet at its best, has wholesaled at \$15 and \$20 per 100, which all must agree is a good price for this season. Orchids continue plentiful and cheap. Most of the carnations are short stemmed, but there are a few good ones on the market that bring \$4 per 100. The supply of chrysanthemums is increasing, but there is no surplus. Lilies and lily of the valley seem to be a little more plentiful, but prices are good.

October 2.—Though prices remain firm, particularly in roses, there is no great activity in the market. Though the supply of chrysanthemums is increasing, they move slowly. The weather is much cooler and light frosts are reported, which means that the supply of outdoor stock will from now on be on the wane.

NOTES.

Joseph G. Leikens, the well-known retailer, who went to the Mexican border as a member of the Seventh New York Infantry, has resigned. He made a brief stay in this city and went on to Newport, R. I., where Mrs. Leikens has been conducting their store during the summer. He was a stout and healthy man when he left for Texas, but is now but a shadow of his former self and his health is greatly impaired, but it is believed that a period of rest and careful treatment will restore him.

James Gazetas, known as the Bronx Florist, has a nice retail store at 2772 Webster avenue. Being at an entrance to Bronx park, and also at the terminal of the elevated railroad, it is a good location. He has been there 10 years, and is a clever and active man in the business.

At William P. Ford's, 107 West 28th street, we recently noticed particularly fine Prima Donna roses and chrysanthemums in variety. William says: "Everything in this store is good," and after careful investigation, we believe he is right.

N. A. Doganges, now located at 2687 Broadway, is about to move into a much larger store at 2685. An excep-

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140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of
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tionally fine ice box has been put in and all the furnishings will be up to date.

The next meeting of the New York Florists' Club will be held in its rooms in the Grand Opera House building, Eighth avenue and 23d street, on the evening of Monday, October 9.

The business established many years ago at 127 Sixth avenue, Brooklyn, by the late Mrs. Sperwin, is now conducted by her son, a very clever young man, who keeps a good store.

Percy W. Richters, who for some time has been manager for the United Cut Flower Co., Inc., 111 West 28th street, has resigned and accepted a position with J. S. Fenrich.

At the store of Badgley & Bishop, Inc., we have noticed very promising blooms of a yellow seedling rose, which we hope to see more of as the season advances.

Thomas Daniels, 212 Fifth avenue, Brooklyn, has a very neat store and is doing business, one evidence being his very handsome automobile.

As soon as alterations in the building are completed, a new retail store will be opened at 2578 Broadway, to be known as the Central Florist.

Our old friend, Isaac Abrams, of Seventh avenue, Brooklyn, keeps the light burning in his window with a fine display of tritomas.

At the store of Gunther Brothers we have noticed fine stock of the Gladioli America; also, good Enchantress carnations for the season.

A few double violets have come in, but they are very poor. At the store of M. C. Ford, we have noticed very good singles.

John J. Coan, 115 West 28th street, is handling a particularly fine line of gladioli for so late in the season.

Badgley & Bishop, Inc., 34 West 28th street, are handling fine stock of the roses Hadley and Prima Donna.

William Kessler is handling a particularly fine stock of chrysanthemums, carnations and bouvardias.

McHutchison & Co. report receiving 500 bales of raffia and 22,000 pieces of raffia cloth this week.

The plant auctions go merrily on, Tuesdays and Fridays, bulbs now being features.



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M. A. Bowe, of 332 Fifth avenue, has gone on a fishing trip.

A. F. F.

SHEWsbury, MASS.—A. H. Murdock, who, with his son David C., has been engaged in growing flowers and vegetables here for the past five years, died September 22, aged 66 years.

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" extra and fancy.....	15	00@20 00
" No 1 and No 2.....	6	00@10 00
" Prima Donna.....	4	00@15 00
" Alice Stanley.....	1	00@ 6 00
" Francis Scott Key.....	1	00@10 00
" Mrs Geo. Shawyer.....	1	00@ 6 00
" Double White Killarney.....	1	00@ 6 00
" Killarney, My Maryland.....	1	00@ 6 00
" No 1 and No 2.....	1	00@ 2 00
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" Ophelia.....	75	00@ 6 00
" Mrs. Chas. Russell.....	1	00@ 8 00
" Cleveland.....	1	00@ 6 00
" Hadley.....	1	00@ 8 00
" Hoosier Beauty.....	50	00@ 5 00
Cattleya Orchids, special..... each,	25	
inferior grades.....	15	00@ 20
Dahlias.....	1	00@ 3 00
Bouvardia.....	2	00@ 4 00
Rubrum.....	5	00@ 6 00
Lilies, Longiflorum and Harrisii.....	6	00@ 8 00
Lily of the Valley.....	3	00@ 4 00
Gladiolus Panama and America.....	1	00@ 4 00
inferior grades.....	1	00@ 2 00
Asters.....	35	00@ 2 00
Carnations.....	1	00@ 3 00
Chrysanthemums..... per doz.	1	00@ 3 00
Novelties, per doz.	6	00@ 6 00
Gardenias..... per doz.	2	00@ 2 00
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Asparagus Plumosus..... doz. behs.	2	00@ 2 25
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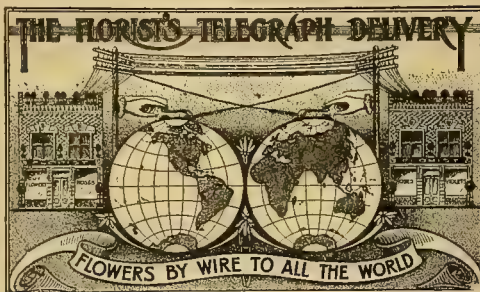
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"Some Florist"

The Plaza, Ft. Smith, Ark

Mention the American Florist when writing

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

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Toronto, Can.

Canada's best known and most reliable florist

Only the Best Dunlop's

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee safe arrival.

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Milwaukee, Wis.



J. M. Fox & Son, Inc.

437-39-41 Milwaukee St.

Members Florists' Telegraph Delivery Association.

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THOS. F. GALVIN
INC.

NEW YORK 561 Fifth Ave.

BOSTON 1 Park Street
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Deliveries to steamers and all Eastern Points.

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FLORIST

No. 32 NEWBURY STREET

We cover all points in Maine.

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AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

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5523 Euclid Ave.

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HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

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Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

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Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

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DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

PROVIDENCE, R.I.

and all T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WETWISSET ST., PROVIDENCE

—American Ass'n of Park Superintendents. 1370

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President; F. W. Bolgiano, Washington, D. C., First Vice-President; L. L. Olds, Madison, Wis., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fifth annual convention, June, 1917.

GLADIOLUS growers report bulbs in the ground improving with the recent rains.

CHICAGO.—Prices for grass seed on the Board of Trade, October 4, were as follows: Timothy, \$3.50 to \$5.00 per 100 pounds.

NEW YORK.—Al. Rickards has severed his connection with the Stumpff & Walter Co., and joined the selling forces of John Scheepers & Co., Inc.

ROCKFORD, ILL.—H. W. Buckbee, according to The Packer, is investigating alleged complaints regarding the quality of onion seed supplied some Ohio growers.

DUTCH BULBS are opening up in fairly good shape; tulips, bright and full sized; hyacinths a little damp, a poor drying season; narcissus are rather rough.

ST. LOUIS, MO.—The St. Louis Poultry Supply & Seed Co. has been incorporated by Frank Haller, Florence Smith and Peter J. Meyers. The capital stock is \$2,000.

THE standard barrel of the United States should contain 7,056 cubic inches, with 28½-inch staves and 17½-inch heads, head material not thicker than 2/5 of an inch.

WASHINGTON, IA.—The Mills Seed Co. has been incorporated with the following officers: W. P. Wells, president; Orville Elder, secretary, both of this city. The capital stock is \$50,000.

VISITED CHICAGO: A. J. Brown, Grand Rapids, Mich., and J. Chas. McCullough, Cincinnati, O., returning from California; Wm. Kroemer, Brooklyn, N. Y.; Edwin Bercele Northrup, of Northrup, King & Co., Minneapolis, Minn.

HARRY A. BARNARD, representing Stuart Lowe & Co., London, Eng., is making his annual tour of the American trade, arriving at Chicago, October 3. Mr. Barnard is celebrating the seventieth anniversary of his birthday, having been born in the Minorities within sound of Bow Bells, October 2, 1846. The hale and hearty traveling man looks good for another 30 years.

ACCORDING to an opinion by General Appraiser Waite of the Board of General Appraisers in the matter of Protest 797,924 of the Stone & Downer Co., Boston, Mass., it is decided that mother bulbs classified under the specific provision for tulips in paragraph 210, tariff act of 1913, being mature mother flowering bulbs imported exclusively for propagating purposes are held free of duty as claimed.

MILWAUKEE, WIS.—The Wisconsin Seed Dealers' Association has been formed in this city with the following officers: David Rosenheimer, president; Edwin L. Rosenberg, vice-president; Edwin J. Pick, secretary; John Young, treasurer.

Brown and McCullough Return.

Alfred J. Brown, of Grand Rapids, Mich., and J. Chas. McCullough, of Cincinnati, O., who left Chicago September 9, for California, returned September 29, reporting a most enjoyable trip. They visited the Twin Falls pea district, Salt Lake City and arriving at San Francisco were met by Mr. McCullough's son, Trimble, with whom they journeyed by auto to San Jose, Los Angeles and San Diego, full of enthusiasm for the magnificent and splendid scenery and well lighted roads. The party visited Trimble McCullough's farm, some 400 acres of fine land located within view of the old Santa Inez mission, founded in 1804. The soil of this farm is unusually good, producing a highly satisfactory bean crop this season. These lima beans, according to Mr. Brown, are raised by California growers in huge quantities, one tract devoted to their culture, the Irvin ranch, being some 20 miles in length by 12 miles wide.

Mr. Brown speaks in very high terms of the pea and bean crops in the Twin Falls district, his large acreage there in charge of A. L. Stone, giving a good yield of high grade stock. The volcanic ash and climate of this district are evidently well suited to the production of these crops.

Free Seeds Ridiculed.

Republicans of Graytown, Ottawa county, have an old-fashioned flag pole standing in the village. It is an ash pole, 96 feet high, with brush on the top. It was raised Saturday afternoon with a gathering of 1,000 persons from miles around. Frank L. Mulholland, candidate for congressman, was the speaker. Mulholland scored a hit when he said:

"If I am elected I am not going to send you any free seeds. First, I don't believe the results warrant the expense to the government, and I don't believe in a congressman popularizing himself at the expense of the government. Second, I never knew seed furnished by the government to grow, anyhow."

"That's right," chorused the farmers. —Toledo Blade.

Hjalmar Hartman & Co., Copenhagen, Den.

One of the Danish export journals gives an exhaustive account of the business of Hjalmar Hartman & Co., Copenhagen, with numerous illustrations, from which we learn that this firm, established in 1894, under very modest circumstances, has for a number of years occupied an enviable place in the seed trade, not only in Europe, but in the United States and Canada as well. This is especially true as regards cabbage and cauliflower seeds. In 1904, Hjalmar Hartman, head of the company, made his initial trip to America, his object being to extend, on a large scale, the export of seeds grown by his firm, and the profit, experience and results of this trial far exceeded his most sanguine expectations, with the result that he returned in 1906 and again in 1908. After the last named date a representative of the firm was an annual visitor in this country. In 1912, a branch office of the company was established in the United States, and the already thriving business which had been forging ahead year by year, has been steadily extended through the American representatives, Loechner & Co., Inc., 11 Warren street, New York.

Onion Fields Devastated By Fire.

The worst fire in the history of the Scioto marsh near McGuffey, Ohio, in the heart of the onion growing district of that state, has, according to estimates, devastated approximately 1,000 acres of muck land. The ground has been burned out to the clay substrata from three to five feet below the surface and will not be available for planting for several years it is feared. Fortunately the crop had been harvested with the exception of about 20 acres. Among the farms burned over are those owned by J. J. Shadley, M. M. Keeler, W. C. Shadley and George Krummrey.

Mangel Seed Embargo.

Axel Knudsen, representing L. Dahnfeldt, Ltd., Odense, Denmark, writes as follows September 29: "L. Daehnfeldt, Ltd., cabled me today that the Danish government has prohibited all export of mangel seed. The embargo will prevent all deliveries of mangel on the 1916 contracts. It is possible the embargo may be lifted this fall, in which case notice will promptly be sent out, but with the present outlook the prospect of delivery is very remote."

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Trade Directory

PRICE: \$3.00, postpaid.

AMERICAN FLORIST CO.
440 S. Dearborn St. CHICAGO

Braslan

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENOR SWEET PEAS, AND SUNFLOWER.

Seed Growers

SAN JOSE, CALIFORNIA

Company

Lilium Harrisii BULBS

	Per 100	Per 1000
5 in. to 7 in.....	\$ 5.00	\$40.00
7 in. to 9 in.....	9.00	80.00
9 in. to 11 in.....	22.00	.....

Freesia Refracta Alba

	Per 100	Per 1000
Mammoth size.....	\$1.75	\$12.00

For Immediate Delivery.

PAPER WHITE NARCISSUS GRANDIFLORUS

Prices on application.

J. M. THORBURN & CO.
53 Barclay Street, through to 54 Park Place
NEW YORK CITY.

Mention the American Florist when writing

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, NEBRASKA

Mention the American Florist when writing

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.

Woolworth Bldg., New York City

Mention the American Florist when writing

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc.

Moorestown, New Jersey

Mention the American Florist when writing

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Asters,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing

SOW NOW!

Antirrhinum

Giant Silver Pink. Its name describes it. Sold only in originator's packets. Tr. pkt., \$1.00; 3 pkts. for \$2.75.

Nelrose. Flowers silver pink. Recommended for culture under glass for winter flowering. Tr. pkt., 30c; 4 pkts. for \$1.00.

Mignonette

Boddington's Majesty. The finest of all the fancy varieties of Mignonette. Tr. pkt., 60c; ¼ oz., \$1.00; oz., \$7.50.

Allen's Defiance. Very fragrant and fine for cutting. Tr. pkt., 50c; oz., \$6.00.

New York Market. Excellent for florists. Tr. pkt., 50c; oz., \$6.50.

Shamrock

True Irish. Small-leaved Shamrock. Tr. pkt., 25c; oz., \$1.00; ¼ lb., \$3.00; lb., \$10.00.

Full list of Sweet Peas and other Seasonable Flower Seeds will be found in our new Bulb Catalogue—free on request.

Schizanthus

Grandiflorus Boddingtonii. This strain is superior to any of the Schizanthus in cultivation, the flowers are better shaped and the colors are more varied. Tr. pkt., 75c; 3 tr. pkts. for \$2.00.

Wisetonensis. The colors are varied, ranging from white with yellow center to pink with brown center. Tr. pkt., 50c; 3 tr. pkts. for \$1.25.

Winter Double Stocks

Crimson King. Fiery crimson. Tr. pkt., 25c; ¼ oz., \$2.00.

Empress Augusta Victoria. Silvery lilac. Tr. pkt., 25c; 5 tr. pkts., \$1.00.

Lenox Purple. Light lavender. Tr. pkt., 25c; ¼ oz., \$1.00; oz., \$3.50.

Princess Alice. Pure white. Tr. pkt., 25c; ¼ oz., \$1.00; oz., \$3.50.

Queen Alexandra. Rosy lilac. Tr. pkt., 25c; ¼ oz., \$1.00.

A. T. Boddington Co., Inc.

128 Chambers Street, NEW YORK

Mention the American Florist when writing

Dracæna Canes

All the best commercial varieties, including

**Lindeni, Massangeana, Terminalis,
Fragrans, Imperialis, Sanderiana,
Amabilis, Lord Wolseley, Etc., Etc.**

Write for import prices. Fall shipment.

McHUTCHISON & CO., The Import House, 95 Chambers St, New York

Mention the American Florist when writing

BEANS, PEAS, RADISH

AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write for prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St.,

Telephone Main 2762.

CHICAGO

BARNARD'S
Seed Store
231-235 W. Madison St.
CHICAGO.

Mention the American Florist when writing

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomdale
Farm.

Bristol, Pa.

Mention the American Florist when writing

Lilium Formosum Bulbs

We have just received a late shipment of bulbs of this favorite type of Lilies, which are extra fine. You should be sure to try some of them. Our bulbs have been grown from the original true type and none better can be obtained at any price. **We advise immediate ordering, as the stock is limited.**

Green Stem Type (For Early Blooming)

	Bulbs in each case	Doz.	100	1000
6 to 8 inches.....	400	\$0.65	\$ 4.75	\$ 42.50
7 to 9 inches.....	300	1.00	6.50	58.00
8 to 9 inches.....	250	1.00	6.50	58.00
8 to 10 inches.....	225	1.30	8.75	82.50
9 to 10 inches.....	200	1.60	10.00	92.50
10 to 12 inches.....	150	2.00	14.00	130.00
12 to 14 inches.....		2.50	17.50	165.00

Dark Stem Type (For Easter Blooming)

	Bulbs in each case	Doz.	100	1000
6 to 8 inches.....	400	\$0.80	\$ 5.00	\$ 45.00
7 to 9 inches.....	300	1.15	7.00	65.00
8 to 9 inches.....	250	1.15	7.25	70.00
8 to 10 inches.....	225	1.50	9.50	90.00
9 to 10 inches.....	200	1.80	12.50	105.00
10 to 12 inches.....	150	2.25	15.00	142.00
12 to 14 inches.....		2.75	18.50	175.00

For full Line of Bulbs, Seasonable Seeds and Supplies write for our New Wholesale Catalogue.

HENRY F. MICHELL CO., 518 Market St., Philadelphia, Pa.

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

Mention the American Florist when writing

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds, Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds Baltimore, Md.

Mention the American Florist when writing

American Bulb Co.

A. Miller, President.

WHOLESALE DEALERS IN

Bulbs, Seeds, Supplies, Etc.

178 N. Wabash Ave., Chicago, Ill.

Mention the American Florist when writing

THE

J.C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

Mention the American Florist when writing

Send Us Your Order Now.

Imported Bulbs

Narcissi, Hyacinths and Tulips
Freesias and Japan Lilies

We Offer
The Best Stock Grown.

Write for
Trade Price List.

ST. LOUIS SEED CO.,

The Home of "Pure and Sure Seeds"

411-413 Washington Ave.,

St. Louis, Mo.

Mention the American Florist when writing

KELWAY'S SEEDS--Flower, Vegetable and Farm

For present delivery or on contract. Wholesale only.

Special quotations for next season and from 1917 harvest now ready.

Langport, - England.

Mention the American Florist when writing

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence Solicited.

SWEDSBORO, N. J.

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan, Wisconsin and Idaho

MILFORD, CONN.

To Seedsmen and Florists

Three Quick Sellers for Your October Counter Trade.

NARCISSUS

PAPER WHITE
GRANDIFLORA

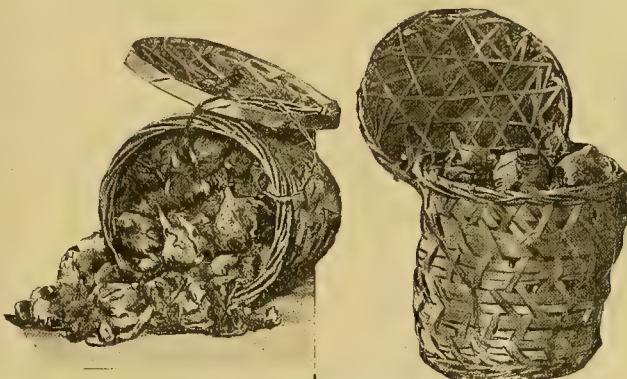
A few cases only:
12 ctm. and up and
13 ctm. and up.

WRITE FOR PRICES.

Our advance contracts are being filled in full with regular grades, either 13 ctm. up or 14 ctm. up.

DARWIN TULIPS

IN QUANTITY. GRAND BEDDERS.



"Joss" LILIES.

(CHINESE
NARCISSUS)

PER MAT (120
BULBS) - - \$5.00

(At N. Y. City, \$5.50.)

8 MATS (960
BULBS) FOR \$37.50

(At N. Y. City, \$40.00.)

Lilium Formosum

	Per 1000
6 to 8-inch (350 to case).....	\$ 40.00
7 to 9-inch (250 to case).....	58.00
9 to 10-inch (180 to case).....	80.00
10 to 12-inch (100 to case), per case, \$12.00.....	100.00

PURITY TRUE

	Per 100	Per 1000
½-in. to ⅝-in.....	\$1.25	\$10.00
⅝-in. to ½-in.....	1.00	7.00

VAUGHAN'S IMPROVED PURITY

	Per 100	Per 1000
½-in. to ⅝-in.....	\$1.75	\$15.00
⅝-in. to ½-in.....	1.50	12.00

Also FULL LINE of DUTCH BULBS personally selected by our own agent in Holland and not to be compared with the commission stock consigned to the auction dumps.

CHICAGO

VAUGHAN'S SEED STORE

NEW YORK

James Vick's Sons

Seedsmen, Nurserymen, Florists

SEEDS All the leading
PLANTS kinds for summer
BULBS and fall planting.

Ask for Catalogues. ROCHESTER, N. Y.

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Before Placing Orders for

SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,

Contract Seed Growers

LOS ANGELES, CALIFORNIA.

SIMON LOUIS FRERES & CO.,

Bruyeres-le-Chatel (Seine et Oise), France.

ESTABLISHED 1666.

Wholesale Growers and Exporters of Choice Stocks of

Vegetable, Flower and Forage Seeds

Specialties—Giant Half-Sugar Mangel-Wurzel, Beet, Carrot, Celery, Dandelion,
Endive, Leek, Lettuce, Radish, Swiss-Chard, Swede and Turnip,
IMPORTERS OF—Red-top, Meadow Fescue, Blue
Grass, Sunflower, Timothy and Garden Peas. ENGLISH
CORRESPONDENCE.

Our traveling salesman, MR. LAWRENCE S. PAYN, who has been calling on the American
trade for many years past, is now in the United States and all mail should be addressed
to him care F. B. Vandegrift & Co., 15 Whitehall Street, New York.

My New PRICE LIST of

Winter Orchid-Flowering Sweet Pea Seed

Has been mailed. If you have not received a
copy, send Postal for it.

Part of new crop is ready now.

Ant. C. Zvolanek, Lompoc, Calif.

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA,

CALIF.

Grass Mixtures

— FOR —

Golf-Tennis-Polo

MEET ALL REQUIREMENTS FOR ALL SOILS

The Albert Dickinson Co.,

CHICAGO, ILL.

The L. D. Waller Seed Co.

Gaudalupe, California

Wholesale Growers of

FLOWER SEEDS, SWEET
PEAS AND NASTURTIUMS

Correspondence Solicited.

Market Gardeners

Vegetable Growers' Association of America.

H. W. Selby, Philadelphia, Pa., President; H. F. Thompson, Arlington, Mass., Vice-President; S. W. Severance, Louisville, Ky., Secretary; Eugene Davis, Grand Rapids, Mich., Treasurer.

Next annual convention will be held at Springfield, Mass., in 1917.

LATER particulars of the annual convention of the Vegetable Growers' Association of America, held at Chicago last week, will be found elsewhere in this issue.

BULLETIN 18, published by the Virginia truck experiment station, Norfolk, under the title of "A Disease of Coldframe Parsley," deals with the cause and control of a fungus disease which may materially reduce the yield.

Prices of Indoor Fruits and Vegetables.

Chicago, Oct. 3.—Mushrooms, home grown, 35 to 40 cents per pound; lettuce, small cases, 10 cents; radishes, 50 cents to \$1.00 per 100 bunches; celery, 50 to 60 cents per box; tomatoes, six baskets, 50 cents to \$1.00; cucumbers, per climax basket, 10 cents to 25 cents.

New York, Oct. 3.—Celery, per crate, \$2.00 to \$4.00; cucumbers, 75 cents to \$3.00 per basket; mushrooms, 75 cents to \$1.50 per 4-pound basket; tomatoes, per package, 50 cents to \$1.75; radishes, per 100 bunches, 50 cents to \$1.00; lettuce, per package, 25 cents to \$1.50.

Cultivation of Chicory Seed in Germany.

Methods employed in Germany for planting and cultivating chicory seed have been described by Gustav Jaensch, who believes they will prove of great assistance in efforts to raise the product in the United States, according to Consul Alfred W. Donegan.

Chicory seeds are planted there in 14.1-inch rows ("36 cm. in der Reihe"), about 19.7 inches apart. The plants are allowed to grow out and bloom out until the first blossoms have developed a hard, yellow-brown grain. Neither the lateral branches nor the ends of the plants are cut off. In the region where the climate is moderate and great heat rarely prevails, the plants normally reach a height of four to five feet. The crop from March plantings is usually harvested in the second half of September. The entire plants are then cut off just above the roots with sharp and slightly curved knives, bound together in small bunches, and set up in double rows on the fields for after-ripening. The seed can then be threshed only in very dry weather or heavy frost in winter.

Despite all precautionary measures at least 10 per cent of the ripened seed usually lies on the ground, as a certain percentage necessarily falls off when the plants are touched. Inasmuch as chicory seeds are always considerably damaged by birds in Germany, watchmen have to be kept in the fields all day to prevent excessive loss.

Lancaster County Florists' Association.

Due to the fact that the trip of the above organization to the establishment of R. Vincent, Jr., & Sons Co., White Marsh, Md., a report of which appeared in our issue of September 30, page 552, was made on the regular meeting date, the monthly gathering was postponed until September 28. Vice-president Elmer Weaver occupied the chair in the absence of President Schroyer.

The feature of the evening was "Hash," the same being the subject of a very interesting paper by M. J. Brinton of Christiana, Pa., a man of affairs, a student of political and economic conditions, and in consequence a little more than a florist; hence his "Hash" was pretty rich food—the kind that creates both brain and brawn. He reviewed the unhealthy conditions in the business world today, with the immense profits in certain lines due to the European war, profits that are a detriment to the florist trade inasmuch as they affect the supply market as well as conditions of labor. The increase in cost all along the line was used to demonstrate the necessity of getting higher prices for the florists' products. He showed how the country at large was ripe for a good year as far as the florists were concerned, and urged the production of high grade stock so that this demand might be met to the satisfaction of the buyers and the creation of future business. Co-operation between all branches of the trade was urged, especially between the grower and the distributor. He advised all florists to keep in close touch with business conditions, and especially so in the general readjustment which will come at the close of the war. His discourse set all to thinking, the first thought being one of gratitude for his able paper, and a hearty vote of thanks was accorded to him.

The flower show committee reported progress, following which A. M. Herr gave a resume of the trip to the Vincent establishment. A feature of interest was a handsome vase of Chrysanthemum Smith's Advance exhibited by Fred Spinner of Lititz, Pa. The next meeting will be held October 19, and on that occasion we hope to have J. Otto Thilow, of Henry A. Dreer, Inc., Philadelphia, Pa., inasmuch as Mrs. A. M. Herr, chairman of the Junior Garden Department of the Iris Club, has secured his presence before

that organization in the afternoon. A visiting trip to the growers in the vicinity will be made via automobile, starting from the square at one o'clock. Frank Kohr, Lemon Landis and A. K. Rohrer have been appointed a committee to arrange for automobiles to be used on the visiting trips.

ALBERT M. HERR.

Greens Farms, Conn.

Journeying recently into the "Land of Steady Habits," the same being Connecticut, we were fortunate in securing a good, steady man as a guide, philosopher and friend in the person of Frank Traendly, who is one of its summer residents. To be sure, the fact that he took his automobile along and kept just within the speed limit, added greatly to the joy of the occasion. Another enjoyable feature was perfect autumn weather. In due time, in fact a very short time, we reached the range of Edward J. Taylor. Mr. Taylor is yet a young man and was reared on a farm but a short distance from where he is now located, but as a boy he never took kindly to milking cows, weeding turnips and hoeing cabbages, so he looked about him for a more congenial occupation and in the florist business he found it and also found success. Both from a material and picturesque viewpoint, he has chosen a fine location, and energy and business ability have accomplished the rest. He started in business about 20 years ago and now has a range of about 125,000 square feet of glass. Though he grows a variety of other stock, including carnations and chrysanthemums, he is essentially a rose grower and the greater part of his range is in roses, and thus early in the season he is cutting a large quantity of fine blooms of the Killarneys, Ophelia and other varieties. In the construction of concrete benches, he has shown up-to-date methods and all of his equipment is along practical lines. A large and convenient basement for sorting, packing and temporary storage is a noteworthy feature. We have previously alluded to the picturesque features. His home stands on an eminence overlooking the entire range. A smooth lawn bordered by rows of beautifully flowered Hydrangea paniculata, and studded with various fine trees and shrubs, were features that left the impression that in addition to being a live and commercial industry, it was a good place to live.

A. F. F.

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.

THE BEST AMERICAN BOOK ON THE SUBJECT
170 Pages.—Price \$1.00—29 Illustrations.

AMERICAN FLORIST COMPANY
440 S. Dearborn Street, Chicago.

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GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1787.)

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Large Stock of Fine Plants.

5-inch, at.....per doz., \$2.40	7-inch, at.....per doz., \$ 9.00
6-inch, at.....per doz., 4.20	8-inch, at.....per doz., 12.00
	9-inch, at.....per doz., 15.00

Extra Special—\$1.50

We have a very fine lot of 9-inch Boston Ferns at the above price. These are beautiful specimens.

Per 100	Per doz.
Asparagus Sprengeri, 3 in.....\$ 5.00	Latania borbonica, 7 in.....\$12.00
Asparagus plumosus, 2 1/4 in.... 3.00	Kentia Belmoreana, 5 in..... 9.00
Primula obconica, 4 in., \$1.50	English Ivy, 4 in..... 1.50
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Cyclamen, best varieties and	Pteris cretica albo-lineata, 4 in. 1.00
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Now contracting for Beans and Peas for 1917, 1916 stocks being exhausted.

AUSTRALIAN BROWN ONION

1915-1916 crop seed still available

Correspondence Invited

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	2-in.	2-in.	3-in.	3-in.
	100	1000	100	1000
Alternanthera.....	\$2.00	\$18.50	\$3.00	\$25.00
Lantanas, 10 varieties..	2.00	18.50	3.00	25.00
Moonvines, white & blue	2.00	18.50	3.00	25.00
Parlor Ivy, S. Scandens	2.00	18.50	3.00	25.00
Petunias, Double and				
single, mixed.....	2.00	18.50	3.00	25.00
Pompon Chrysanthemums	2.00	18.50	3.00	25.00
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Chrysanthemum Novelties my Specialty

If You are interested in Mid-Winter

Blooming Plants

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Soft Wooded Plants

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PERKIN, ILL.

Order Now BEFORE FROST

Bostons, Crotons, Palms.

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Stems	TREE SHAPE	Each.	Pair
30-in. Crowns	24-in.....	\$7.00	\$13.00
45-in. "	26-in.....	7.50	14.00
48-in. "	40-in.....	15.00	28.00
PYRAMID—5 ft. high	24 in. diam.	8.00	15.00
6 ft. "	26 in. "	10.00	18.00

Boxwoods

	IN TUBS	Each	Pair
PYRAMIDS—	2 1/4-ft.....	\$2.00	\$3.75
	3-ft.....	2.50	4.50
BUSH—	24-inch.....	1.25	2.35
	30 inch.....	2.75	5.00
	36-inch.....	3.75	7.00
STANDARDS—	18-20-inch stem, 12 inch ball tops.	3.00	5.50
	12-in. stem, 12-in. crown.....	1.25	2.25
	14-15-in. stem, 12-in. crown.....	1.50	2.75
BUSH—Out of tubs—		Doz.	Per 100
	12-inch.....	\$4.00	\$30.00

Out of tubs 25c each reduction.



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A SPORT OF MRS. C. W. WARD

Get your order in NOW for December and January Delivery.

\$12.00 per 100; \$100.00 per 1000.

COTTAGE GARDENS CO. Inc.
QUEENS, NEW YORK.

The Nursery Trade

American Association of Nurserymen.

John Watson, Newark, N. Y., President;
Lloyd C. Stark, Louisiana, Mo., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-second annual convention will be held at Philadelphia, Pa., June, 1917.

THE third Tuesday in October is National Apple Day.

PAWTUCKET, R. I.—George A. Saunders, superintendent of parks of this city, died at his home September 18.

MINNEAPOLIS, MINN.—Park Superintendent Theodore Wirth is leaving this week to attend the annual convention of the American Association of Park Superintendents, to be held at New Orleans, October 10-12.

NEOSHO, MO.—The Stark Bros. Nurseries and Orchard Co. of Louisiana, Mo., has filed suit against the Wm. P. Stark Nurseries of this city, alleging infringement of trade mark. A permanent injunction is asked.

American Association of Nurserymen.

President Watson in announcing the new committees gives the following details of the work of the association:

"We have changed our membership requirements, and now membership is elective; that is, the first step towards making membership so desirable and so valuable and of such meaning that for a nurseryman to be able to print on his letterhead 'Member of the American Association of Nurserymen' will carry full assurance of unquestioned trade standing.

"We have revised our plan of raising revenue, adjusting dues according to the measure of benefits derived by the different members who pay according to the size of their business, but leaving it entirely to them to contribute as they see fit. We are in position to know that dues are paid except in rare instances, in accordance with the letter and the spirit of the requirements.

"We have a general counsel who looks after our legal and especially our legislative interests, and who, in addition, furnishes every member with legal advice without fee.

"We have established a collection bureau to handle collections for our members, against those in the trade or out of it, the fees going to the association or to the members.

"We have established a credit bureau to furnish members with prompt and reliable information as to those whose methods have been such in dealing with other members as not to entitle them to credit favors.

"We have added to our attorney's duties those of secretary also, and with a large and competent staff at his disposal, we find our routine business can be conducted promptly, properly and efficiently.

"These are ambitious undertakings, we realize. So far they have had the most generous support of our entire membership; in fact, these things have been brought about by the membership taking hold and undertaking the management of their affairs. I have not the slightest doubt that we have advanced much in the last year and a half, nor any doubt but that we shall

make great advances in the next few years as an active, effective and efficient expression of the best aims and purposes of the nursery trade."

COMMITTEES FOR 1916-17.

Arrangements—Thos. B. Meehan, chairman, Dresher, Pa.; Wilmer W. Hoopes, West Chester, Pa.; Adolf Muller, Norristown, Pa.; Wm. Warner Harper, Philadelphia, Pa.; William Flemer, Springfield, N. J.

Arbitration—W. C. Reed, chairman, Vincennes, Ind.; G. A. Marshall, Arlington, Neb.; A. E. Robinson, Lexington, Mass.; J. M. Pitkin, Newark, N. Y.; L. A. Berckmans, Augusta, Ga. Exhibits—Albert F. Meehan, chairman, Dresher, Pa.; G. Horton Bowden, Geneva, N. Y.; G. Hale Harrison, Berlin, Md.

Programme—J. R. Mayhew, chairman, Waxahachie, Tex.; Lloyd C. Stark, Louisiana, Mo.; C. R. Burr, Manchester, Conn.

Report of Proceedings—Curtis Nye Smith, chairman, Boston, Mass.; William Pitkin, Rochester, N. Y.; John H. Dayton, Painesville, O. Nomenclature—J. Horace McFarland, chairman, Harrisburg, Pa.; Harlan P. Kelsey, Salem, Mass.; L. A. Berckmans, Augusta, Ga.; Charles J. Maloy, Rochester, N. Y.; F. L. Atkins, Rutherford, N. J. Honorary member, Prof. Frederick W. Coville, Department of Agriculture, Washington, D. C.

Tariff—Irving Rouse, chairman, Rochester, N. Y.; L. A. Bobbink, Rutherford, N. J.; William P. Stark, Neosho, Mo.; J. W. Hill, Des Moines, Ia.; Charles E. Greening, Monroe, Mich.; James McHutchison, New York; J. C. Vaughan, Chicago; D. S. Lake, Shenandoah, Ia.; W. H. Wyman, North Abington, Mass.; T. J. Smith, Geneva, N. Y.; John H. Dayton, Painesville, O. Press—Ralph T. Olcott, chairman, Rochester, N. Y.; Robert Pyle, West Grove, Pa.; Frank B. White, Chicago, Ill.; J. Horace McFarland, Harrisburg, Pa.; Adolph Muller, Norristown, Pa.

Revision of Telegraphic Code—R. C. Chase, chairman, Chase, Ala.; E. S. Welch, Shenandoah, Ia.; J. H. Dayton, Painesville, O.

Hail Insurance for Nurserymen—Frank A. Weber, chairman, Nursery, Mo.; E. P. Bernardin, Parsons, Kan.; H. D. Simpson, Vincennes, Ind.; Milton Moss, Huntsville, Ala.; F. H. Stannard, Ottawa, Kan.

Publicity—F. L. Atkins, chairman, Rutherford, N. J.; R. C. Berckmans, Augusta, Ga.; T. J. Smith, Geneva, N. Y.; J. R. Mayhew, Waxahachie, Tex.; J. B. Pilkington, Portland, Ore.; Henry Hicks, Westbury, N. Y.; Lloyd C. Stark, Louisiana, Mo.

Distribution—M. R. Cashman, chairman, Owatonna, Minn.; A. M. Augustine, Normal, Ill.; Maxwell Sweet, Dansville, N. Y.; Roy Underwood, Lake City, Minn.; E. A. Smith, Tippecanoe City, O.; A. C. Hanson, Wauwatosa, Wis.; John S. Kerr, Sherman, Tex.

Transportation—Charles M. Sizemore, chairman, Louisiana, Mo., traffic manager for the association.

Landscape—W. H. Wyman, chairman, North Abington, Mass.; F. L. Atkins, Rutherford, N. J.; J. M. Pitkin, Newark, N. Y.; Wm. Warner Harper, Philadelphia, Pa.; Thos. B. Meehan, Dresher, Pa.; Harlan P. Kelsey, Salem, Mass.

Legislation—William Pitkin, chairman, Rochester, N. Y.; Peter Youngers, Geneva, Neb.; Irving Rouse, Rochester, N. Y.; Abner Hoopes, West Chester, Pa.; Thos. B. Meehan, Dresher, Pa.; J. M. Pitkin, Newark, N. Y.; J. H. Dayton, Painesville, O.; E. S. Welch, Shenandoah, Ia.; A. E. Robinson, Lexington, Mass.; W. P. Stark, Neosho, Mo.; W. T. Hood, Richmond, Va.; R. C. Chase, Chase, Ala.; W. H. Wyman, North Abington, Mass.; L. A. Berckmans, Augusta, Ga.; W. F. Ilgenfritz, Monroe, Mich.; E. W. Chatten, Winchester, Tenn.; W. C. Reed, Vincennes, Ind.; F. H. Stannard, Ottawa, Kan.; William Flemer, Springfield, N. J.; E. F. Coe, Fort Atkinson, Wis.; C. R. Burr, Manchester, Conn.; E. A. Smith, Lake City, Minn.

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Small, medium and large sizes supplied.

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For the Nursery and Florist Trade.

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Write for list.

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Japanese Garden and Rockery

For Hot House, Conservatory and Show Window made in short time. Wide experience

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Pot grown 2 1/4 and 4-in.

Field grown to pot 5 to 6-in.

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Strong, field-grown Foxgloves and Canterbury Bells to color. State size and prices per 1000 to the

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Did You Receive Our New General Price List ?

It offers our usual good assortments of

Field Grown Roses, Flowering Shrubs, Perennial Plants, Climbing Vines, Ornamental Trees.

If not received write to be placed on our mailing list.

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CALIFORNIA PRIVET

Over Two Million Plants of SUPERIOR Quality.

All sizes from one foot to four feet. Very low prices in car-load lots.

Also Polish Privet, Amoor Privet and Berberis Thunbergii in quantity.

J. T. LOVETT, LITTLE SILVER,
NEW JERSEY

Some Fine Stock.

	Per 100	Per 1000
2½-in. Asparagus Plumosus.....	\$ 3.00	\$ 25.00
2½-in. Asparagus Sprengeri.....	3.00	25.00
2½-in. Asparagus Hatcheri.....	3.00	25.00
4-in. Asparagus Plumosus.....	7.00	65.00
4-in. Asparagus Sprengeri.....	7.00	65.00
2½-in. Begonias, 8 varieties.....	6.00	55.00
2½-in. Chinese Primroses, 20 kinds	3.00	28.00
3-in. Cyclamen, 8 separate vars...	8.00	75.00
4-in. Cyclamen, 8 separate vars...	20.00	175.00
2½-in. Snapdragons, white, pink and yellow	4.00	35.00
5,000 ferns in 5 varieties, fine stock, \$15, \$20 and \$25 per 100		
100,000 2 and 2½-in. Pot geraniums in 28 varieties.....	2.25	20.00
Also abundance of other stock. Correspondence Solicited.		

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Ferns in Flats

In Best Varieties For Fern Dishes.
\$1.50 per 100

100,000 READY NOW

Write for Wholesale Catalogue of
FERNS, KENTIAS, ETC., to

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"THE FERNERIES"

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GERANIUMS

Next delivery about Nov. 15th at \$13.50 per 1000 for S. A. Nutt and Buchner and \$16.00 per 1000 for Ricard and Poitevine.

Asparagus Plumosus, fine stock at \$25.00 per 1000; same rate per 100.

ALBERT M. HERR, LANCASTER, PA.

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BOXWOODS—MOST BEAUTIFUL STOCK

Pyramids, 2 -ft.....	\$1.00 each
Pyramids, 2½-ft.....	1.50 each
Pyramids, 3 -ft.....	2.00 each
Pyramids, 3½-ft.....	2.50 each
Standard Shape, 14x14 in....	2.50 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 15-in.....	.35c each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

Seasonable Stock

ASPARAGUS PLUMOSUS, 2½ in., \$3.00 per 100; 3 in., \$6.00 per 100.

ASPARAGUS SPRENGERI, 2½ in., \$3.00 per 100; 3 in., \$5.00 per 100; 4 in. at \$10.00 per 100.

BOUGAINVILLEA SANDERIANA—The finest we ever grew. Trimmed plants, 3 in., \$10.00 per 100; 4 in., \$15.00 per 100; 5 in., \$25.00 per 100.

FERN DISH FERNS, 2½ in. The best sorts, \$3.00 per 100.

FRENCH HYDRANGEAS, heavy, well-grown field plants with 12 to 18 shoots, ready for 7 to 8 in. pots. Pronounced grand by all visiting florists. Bouquet Rose, Vicomtesse de Vibraye, Lily Mouliere, Radiant, \$7.00 per dozen—\$50.00 per 100.

KENTIA PALMS, 4 inch pots, 15 to 18 inches high, 5 leaves, \$40.00 per 100; 5 inch pots, 18 to 24 in., 5 to 6 leaves, \$1.00 each.

CANTERBURY BELLS, (Campanula Media) fine field plants for potting for spring sales, ready for 5 inch pots. Blue, Rose and White, \$6.00 per 100.

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THE STORRS & HARRISON CO., Painesville, Ohio

HILL'S CHOICE LANDSCAPE, DECORATIVE AND FORCING STOCK FOR FLORISTS' TRADE

Boxwoods—Pyramids, Standards, Globes, Bush, Dwarf—one of our leading specialties. Stocked in enormous quantities.

Bay Trees—Standards, Half Standards, Pyramids. We can save you money and give better quality. Let us prove it.

Hardy Tubbed Evergreens—Clipped specimens in Taxus, Thuyas, Juniperus, Abies varieties in Pyramids, Globes and natural-shaped in large assortment.

Araucarias—Best sorts, best values, in both small and large sizes, for immediate effect and growing on.

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Wholesale price list will be mailed promptly on request.

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EVERGREEN SPECIALISTS
LARGEST GROWERS IN AMERICA

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WHOLESALE GROWERS AND IMPORTERS

Landscape Evergreens and Conifers—New, rare and standard varieties. Small, medium and large sizes supplied in perfect specimens, with ball and burlap. Largest and most extensive collection in America.

Window-Box Plants—Hardy Coniferous Evergreens for winter use. All hardy and desirable sorts, best selection, lowest prices. Also Bush Box and Dwarf Edging. This line offers wide-awake florists a grand opportunity to increase their sales and profits.

Deciduous Trees and Shrubs—Our leaders—Norway Maple, American White Elm and Japanese Barberry.

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are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to

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If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application.

LAGER & HURRELL, Summit, N. J.



Th: Glory Fern (Adiantum Farleyense Gloriosa)

Adiantum Farleyense Gloriosa

THE GLORY FERN or RUHM VON MORDRECHT

This splendid Fern which so closely resembles Adiantum Farleyense in appearance and which does not require the special skill and care in growing that is necessary to produce good plants of A. Farleyense has quickly made a place for itself not only on account of the fact that it can be produced for little over a half that of growing Farleyense, but also because either in a cut state or as plants used in decorative work, it will outlast the old variety ten to one, making it an available subject where Farleyense can not be used at all. Since its introduction some 5 or 6 years ago there has never been a supply large enough to meet the demand. With this in mind we have prepared this season an extra large stock, which is in prime condition and we now offer select.

3 inch pots, \$2.00 per doz.; \$15.00 per 100; \$140.00 per 1000
4 inch pots, \$3.50 per doz.; \$25.00 per 100
6 inch pots, \$1.00 each

For a Complete list of seasonable stock see our current Wholesale List.
The above offer is intended for the trade only.

HENRY A. DREER

714-716 Chestnut St., Philadelphia, Pa.

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PLANT NOW!! VAUGHAN'S PLANT NOW!! Cut Flower Peonies

WE HAVE A LARGE STOCK OF FINE VARIETIES OTHER THAN THOSE LISTED HERE. WRITE FOR PRICE LIST

	Each.	Doz.	100		Each.	Doz.	100
Couronne d' Or. Snow-white, yellow reflex, very large. Late; a splendid long-distance shipper. Splendid cut flower	\$0.30	\$3.00	\$20.00	Mme. de Verneville. Guard petals sulphur-white, center delicate rose white, one of the most desirable of the white Peonies	\$0.25	\$2.00	\$15.00
Delachei. Deep rich purple, crimson reflex. Late and free blooming .....	.30	3.00	20.00	Marechal Vaillant (Syn. Lee's Rubra Grandiflora). Dark mauve pink, very large, globular rose-type. Very tall heavy stem; very late. A good variety .....	.40	4.00	30.00
Duchess de Nemours (Calot). Sulphur white with greenish reflex, cup shape .....	.25	2.00	15.00	Queen Victoria. White, center petals tipped carmine; large, full bloom; one of the best cut flower sorts; early .....	.25	2.00	12.00
Duke of Wellington. White guards, sulphur center; vigorous grower, large flower .....	.35	3.60	25.00	Souvenir de l'Exposition Universelle. Large perfect shaped imbricated flower, brilliant cerise, with silvery reflex .....	.30	3.00	20.00
Festiva Maxima. Flowers of immense size, 7 to 8 inches in diameter, snow-white with red blotches on edges of center petals30	3.00	20.00	Triomphe de L'Expos. de Lille. Shell pink with a peculiar double crown. Midseason25	2.00	15.00
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NURSERIES (200 Acres) Western Springs, Ill.

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Dracaena Indivisa

2-in....\$2.00 per 100; \$18.00 per 1000.

Per 1000
Vinca Variegata, 2 in., \$2.00 per 100....\$20.00
S. A. Nutt, 2-in.....16.00
Rex Begonias, 3-in.....per dozen 1.00
Satisfaction guaranteed.

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10 CENTS PER LINE, NET.



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Araucaria Excelsa, 5-in., 60c each; 6-in., 75c to \$1 each; 7-in., \$1.25 to \$1.50 each. Robusta Compacta, 6-in., \$1.25 each; 7-in., \$2 each. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS.

Asparagus Plumosus, 2½-in., \$3 per 100; 3-in., \$6 per 100. Sprenger, 2¼-in., \$3 per 100; 3-in., \$5 per 100; 4-in., \$10 per 100. The Storrs & Harrison Co., Painesville, O.

Asparagus Sprenger, 3-in., \$6 per 100; 4-in., \$10 per 100. Plumosus, 2½-in., \$3.50 per 100; 3-in., \$7 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Asparagus Sprenger, 3-in., \$5 per 100; Asparagus plumosus, 2½-in., \$3 per 100. The George Wittbold Co., 737 Buckingham Place, Chicago.

ASPARAGUS PLUMOSUS SEEDLINGS, extra strong, \$6.00 per 1,000. VAUGHAN'S GREEN-HOUSES, Western Springs, Ill.

Asparagus plumosus, Sprenger and Hatcher, 2½-in., \$3 per 100; \$25 per 1,000. Alonzo J. Bryan, Washington, N. J.

Asparagus Sprenger, extra strong, 3-in., \$5 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

ASPARAGUS SPRENGERI, 3-in., \$4 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

Asparagus plumosus, fine stock, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

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Azaleas. W. & T. Smith Co., Geneva, N. Y.

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BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

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BEGONIAS—Immediate Delivery.

Mrs. J. A. Peterson (new), 2½-in. pots..	\$ 25.00
Per 1,000	200.00
JULIUS ROEHRS CO.,	Rutherford, N. J.

BEGONIAS.

Erfordli, 3-in.	\$6.00 per 100
Chatelaine, 2½-in.	3.50 per 100
ERNEST ROBER,	Wilmette, Ill.

Begonia Chatelaine, 2½-in., \$3.50 per 100; 3-in., \$8.00 per 100; 4-in., \$15 per 100; 5-in., 25c each. Poehlmann Bros. Co., Morton Grove, Ill.

Begonia Vernon, 2-in. stock, \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

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BOXWOODS.

PYRAMIDS. Broad, heavy specimens, 2 ft., \$1.90 each; 2½ ft., \$2.00 each; 3 ft., \$2.50 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee, Ill. Write for prices on larger sizes.

BUSH SHAPE, 10-12-in., balled, 30c each; 18-in., balled, 60c each; 30-in., balled, \$1.75 each.

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Box 404, Dundee, Ill.

Bay and Boxwood Trees. Very choice stock. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

BOXWOOD.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

Boxwoods, bush, 15-in., 50c each; 18-in., 60c each. Poehlmann Bros. Co., Morton Grove, Ill.

BUDDLEIA.

Buddleia Variabilis Magnifica, 2½ to 3½ ft., \$1.50 per doz.; \$10 per 100.

THE P. WALKER CO.

312 W. Chestnut St., Louisville, Ky.

BULBS.

Bulbs, Liliun Formosum. Late dug bulbs, ready for shipment now. 7 to 9-in., 300 to case, \$7 per 100, \$60 per 1,000; 8 to 10-in., 225 to case, \$8.50 per 100, \$78 per 1,000; 9 to 10-in., 160 to case, \$10 per 100, \$95 per 1,000; 11 to 13-in., 100 to case, \$20 per 100. Callas, California grown, fine well ripened bulbs, with live center shoots, select size, \$9 per 100. Mammoth, \$12 per 100. Godfrey, 4-in. plants (ready September 20), \$15 per 100. Purity Freesia, ½-in., \$1.20 per 100, \$10 per 1,000. A. Henderson & Co., 211 N. State St., Chicago.

Bulbs, Chinese Narcissus, per mat (120 bulbs), \$5; 8 mats (960 bulbs), \$37.50. Narcissus (True), Paper White Grandiflora, 12 ctm. and up, \$7.85 per 1,000. Freesias (Purity True), ½ to ¾-in., \$1.25 per 100; \$10 per 1,000; ¾ to 1-in., \$1 per 100; \$7 per 1,000. Vaughan's Improved Purity, ½ to ¾-in., \$1.75 per 100, \$15 per 1,000; ¾ to 1-in., \$1.50 per 100, \$12 per 1,000. Liliun Formosum and Callas. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs, Liliun Formosum. Green stem type (for early blooming) and dark stem type (for Easter blooming). For sizes and prices see advertisement elsewhere in this issue. Henry F. Michell Co., 513 Market St., Philadelphia, Pa.

Bulbs, Paper Whites, per case of 1,300, \$9 per 1,000; per case of 1,500, \$7.75 per 1,000. Rainbow Freesias, new and very fine, in yellow, orange, lavender and pink, \$5 per 100; \$40 per 1,000. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Bulbs, Liliun Harrisil for immediate delivery, 5-in. to 7-in., \$5 per 100; \$40 per 1,000. 7-in. to 9-in., \$9 per 100; \$80 per 1,000. 9-in. to 11-in., \$22 per 100. J. M. Thorburn & Co., 53 Barclay St., New York City.

Bulbs, Imported. Narcissus, Hyacinths and Tulips. Freesias and Japan Lilies. Write for trade price list. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

Liliun Formosum. For sizes and prices see advertisement on cover page of this issue. Wm. F. Kasting Co., 568-570 Washington St., Buffalo, N. Y.

Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Bulbs, seeds, supplies, etc. Wholesale only. American Bulb Co., 178 N. Wabash Ave., Chicago.

CALADIUMS.

Caladiums, finest fancy leaved varieties, 50c and 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

CARNATIONS.

CARNATION FIELD PLANTS.

The season has been exceptionally good for growing field plants with us and we offer the following very choice plants:

BELLE WASHBURN, the best commercial red carnation, winner of prizes wherever exhibited, per 100, \$12; per 1,000, \$100.

BASSETT & WASHBURN.

178 N. Wabash Ave., Chicago.

FIELD-GROWN CARNATION PLANTS.

	Per 100.	Per 1,000.
10,000 White Perfection ..	\$6.00	\$50.00
15,000 White Enchantress ..	6.00	50.00
20,000 Pink Enchantress ...	8.00	50.00

Ready for shipment now or will reserve for later delivery. We guarantee plants to be in healthy condition at time of shipment.

PITTSBURGH CUT FLOWER CO.,

Carnation Growers Pittsburgh, Pa.

New carnation, Cottage Maid, a sport of Mrs. C. W. Ward. A new carnation of a delightful shade of flesh pink, somewhat darker than Enchantress. Rooted cuttings, \$12 per 100; \$100 per 1,000. Cottage Gardens Co., Inc., Queens, N. Y.

Carnation plants, field-grown, extra fine stock for immediate shipment. Pink Enchantress, Rosette, \$5.50 per 100; \$50 per 1,000; Philadelphia, Bonfire (medium sized), \$5 per 100, \$45 per 1,000. Wiator Bros., 162 N. Wabash Ave., Chicago.

We have the following to offer at 5c: 675 Herald, 500 White Enchantress and 200 Enchantress. These are good plants. Can ship on short notice. Cash with order. SIMANTON & PENCE, Falls City, Neb.

CARNATIONS. Enchantress, Rose Pink Enchantress, Philadelphia and Beacon, \$6 per 100. Rosette, 6c; second size, 4c. Cash please. HARRY HEINL, West Toledo, O.

CARNATION PLANTS, good field-grown stock. Philadelphia, Matchless, Champion, Comfort, Enchantress and others. \$5.00 per 100. HENRY SMITH, Grand Rapids, Mich.

Carnation Aviator. Field plants, good strong healthy stock, \$12 per 100; \$100 per 1,000. Delivery now. J. D. Thompson Carnation Co., Joliet, Ill.

Carnation Plants, field-grown, Light Pink Enchantress and Winsor, \$4.50 per 100; \$40 per 1,000. J. A. Budlong, 184 N. Wabash Ave., Chicago.

Carnations. F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

Chrysanthemums, Pompon variety, 2-in., \$2.00 per 100; \$18.50 per 1,000; 3-in., \$3.00 per 100; \$25.00 per 1,000. R. Vincent, Jr. & Sons Co., White Marsh, Md.

CHRYSANTHEMUMS. Good commercial varieties, 2½-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

Coleus, Emperor William, 5-in., 25c to 35c each. Poehlmann Bros. Co., Morton Grove, Ill.

CROTONS.

Crotons, 4-in., \$4.20 per doz.; 5-in., \$6 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

Crotons, 4-in., 40c each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.**CYCLAMEN GIGANTEUM SEED.****Improved Wandsbek Type.**

White, white with eye, light red, rose pink, bright red, dark blood red. Equal divided, \$6.00 per 1,000; including Glory of Wandsbek, \$10.00 per 100.

Glory of Wandsbek, dark and light salmon, separate, \$8.00 per 1,000; \$1.25 per 100.

Improved Glory of Wandsbek, dark and light. Best salmon, some are nearly double flower, extra large and easy grower, good bloomer, \$10.00 per 1,000, \$1.50 per 100.

Roccoco erecta, new mixed color or separate. This variety is new and not to be compared with the old. Easy to grow, good bloomer, fit to grow in quantities, \$12.00 per 1,000, \$2.00 per 100.

ERNEST ROBER, Wilmette, Ill.

Cyclamen, best varieties and colors, 5-in., \$4.20 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

DAFFODILS.

Emperor daffodils, \$7.50 per 1000. Can ship immediately. FROMMELT BROS., Petersburg, Va.

DAHLIAS.

Dahlias. Best new and standard varieties. Peacock Dahlia Farms, Williamstown Junction, N. J.

DAISIES.**BEST FLOWERING DAISIES.**

Chicago White, special strain, 2½-in., \$5.00 per 100; Etoile D'Or (yellow), 2½-in., \$5.00 per 100. Cash, please. A. E. HUNT & CO., 30 E. Randolph St., Chicago.

DAISIES (bellis). Monstrosa. white and pink, also Longfellow and Snowball; strong field-grown seedlings, \$2.00 per 1,000. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

DRACAENAS.

Dracaena canes. All the best commercial varieties. Write for import prices. Fall shipment. McHutchison & Co., 95 Chambers St., New York.

DRACAENA INDIVISA, 5-in., \$35.00 per 100; 4-in., \$15.00 per 100; 3-in., \$6.00 per 100. ERNEST ROBER, Wilmette, Ill.

DRACAENA INDIVISA, 5-in., 35c. Harry Heint, West Toledo, O.

Dracaena indivisa, 2-in., \$2 per 100, \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

FERNS.**BOSTON FERNS.**

Per dozen.

5-inch	\$2.40
6-inch	4.20
7-inch	9.00
8-inch	12.00
9-inch	15.00

The George Wittbold Co., Chicago.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias, H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns, Boston, 4-in., \$15 per 100; 7-in., \$6 per doz.; 8-in., \$1 each, \$9 per doz. Large plants in 11 and 12-in. pots, \$2.50 and \$5 each. R. Vincent, Jr. & Sons Co., White Marsh, Md.

BOSTON FERNS, fine, heavy plants from 4-in. pots, \$1.50 per doz., \$12.00 per 100; 5-in., extra fine, \$2.25 per doz., \$18.00 per 100. THE WAGNER PARK NURSERY CO., Sidney, O.

FERNS.

TABLE FERNS, best varieties, fine stock, 2-in., \$3 per 100, \$25 per 1,000; 3-in., \$5 per 100, \$40 per 1,000. HENRY SMITH, Grand Rapids, Mich.

FERNS—Boston, Roosevelt, Springfield, 4-in., \$7.50 per 100; 3-in., \$5.50 per 100. Fine stock. Cash with order. THE COLONIAL GARDENS, Orlando, Fla.

Fine Nephrolepis ferns. For varieties and prices see advertisement elsewhere in this issue. F. R. Pierson Co., Tarrytown, N. Y.

Ferns, Boston, 5-in., 40c each. New fern, John Wanamaker, 6-in., 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

Fern dish ferns, 2½-in., best sorts, \$3 per 100. The Storrs & Harrison Co., Painesville, O.

GERANIUMS.

GERANIUMS. Extra strong, 2-in., S. A. Nutt, Ruby (best dark red), Dagata, Ricard, Red Wing, Vlaud, Landry, La Favorite, Perkins, Oberle and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wylie, Aviator, Rogers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. F. H. DE WITT & CO., Wooster, O.

Geraniums, in good 3-in. stock at \$3 per 100; \$25 per 1000; 2-in., at \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS. Mixed varieties, fine healthy plants, \$8.00 per 100. M. C. GUNTERBERG, 158 North Wabash Avenue, Chicago.

Geraniums, 100,000 in 2 and 2½-in. pots, in 28 varieties, \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, S. A. Nutt and Buchner, \$13.50 per 1,000; Ricard and Poitevine, \$16 per 1,000. Albert M. Herr, Lancaster, Pa.

GREENS.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. Caldwell, The Woodsman Co., Evergreen, Ala.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

HEDGE PLANTS.

Calif. Privet, 1 yr., 10 to 18-in.	Per 1,000 \$ 6.00
" " 2 yr., 12 to 18-in.	10.00
" " 2 yr., 18 to 24-in.	12.00
" " 2 yr., 2 to 3 ft.	15.00
Spiraea, Van Houttei, 3 to 4 ft.	7.00
" Reersil, 3 to 4 ft.	7.00
Althea, Named, 2 to 3 ft.	10.00
Barberry, Thun., 12 to 18-in.	4.00
" " 18 to 24-in.	7.00

Send for complete trade list.

THE LANCASTER COUNTY NURSERIES, R. F. D. No. 7, Lancaster, Pa.

HYDRANGEAS.

HYDRANGEA OTAKSA, and French varieties, Emile Moullere, Avalanche, Bouquet Rose, from 4-in. pots, \$1.75 per doz., \$13.50 per 100; 5-in., \$2.50 per doz., \$20.00 per 100; 6-in., \$3.75 per doz., \$30 per 100. All fine heavy plants. THE WAGNER PARK NURSERY CO., Sidney, O.

HYDRANGEA OTAKSA, 3-in., \$5 per 100. Flowering sizes pot-grown, 25c to 50c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

JERUSALEM CHERRIES.

Jerusalem Cherry, 4 to 5-in. pot, \$1.50 per doz.; \$10.00 per 100.

THE F. WALKER CO.

312 W. Chestnut St., Louisville, Ky.

LANTANAS.

LANTANAS, mixed, 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. Chas. Schwake & Co., Inc., 90-92 West Broad way, New York.

Lily of the valley. Finest in existence. For quotations address Otto Mann, Leipzig, Saxony, Germany.

MOONVINES.

Moonevines, lemon verbenas, swainsona, parlor ivy, S. scandens, alternanthera, coleus Salvia Bonfire and Zurich, cuphea, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

ORCHIDS.

Orchids in season, gardenias and roses in all leading varieties. Beechwood Heights Nurseries, Bound Brook, N. J.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

LATANIA BARBONICA PALMS, 15-in. tubs, suitable for decorative work, \$5 each. Pandanus Veitchii, 15-in. tubs, \$5 each. HENRY SMITH, Grand Rapids, Mich.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th sts., Philadelphia, Pa.

Kentia Palms, 4-in., \$40 per 100; 5-in., \$1 each. The Storrs & Harrison Co., Painesville, O.

Palms. Joseph Hearcock Co., Wyncote, Pa.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. HENRY SMITH, Grand Rapids, Mich.

Pandanus Veitchii, 4-in., 35c each; 6-in., 75c to \$1 each; 7-in., \$1.25 each; 9-in., \$2.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

PANSIES.

Giant Flowering Pansy seedlings, heavily rooted, 35c per 100; \$2.50 per 1,000. Steele's Private Stock Pansy seedlings, exhibition strain, 50c per 100, \$4.50 per 1,000. Prepared to ship immediately short distances; advise shipping long distances only after October 10, to allow frost to harden. Cash. JOS. H. CUNNINGHAM, Delaware, Ohio.

PANSY PLANTS. Henry Mette's strain, strong and stocky, all giant flowering, \$2.50 per 1,000. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

PEONIES.

PEONIES—\$20,000 worth of best named varieties at our nursery, Western Springs, Ill. Now is planting time. Let us quote you. VAUGHAN'S SEED STORE, Chicago and New York.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

Peppers, Bird's-Eye, bushy plants, 4-in., \$12.00 per 100; \$100.00 per 1,000.

Peppers, Celestial, 4-in., \$12.00 per 100; \$100.00 per 1,000.

Jerusalem Cherry, 4-in., \$12.00 per 100; \$100.00 per 1,000.

PYFER & OLSEM, Wilmette, Ill.

PRIMROSES.

PRIMROSES, Obconica, Chinensis and Malacoides, 2-in. pots at \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

POINSETTIAS.

POINSETTIAS, fine plants, \$5.00 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIMULAS.**PRIMULA MALCOIDES.**

Extra fine stock.	100	1,000
2-inch	\$3.00	\$27.50
2½-inch	4.00	35.00
3-inch	6.00	50.00

PYFER & OLSEM, Wilmette, Ill.

PRIMULAS.

Obconica, 2-in.	100	1,000
Malcoides, 2-in.	\$3.00	
Malcoides, 3-in.	4.00	
ERNEST ROBER, Wilmette, Ill.		

Primula Obconica, 4-in., \$1.50 per doz., \$12 per 100. The George Wittbold Co., 737 Buckingham Place, Chicago.

PRIVET.

California Privet, of superior quality, in all sizes from one to four feet. J. T. Lovett, Little Silver, N. J.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

PTERIS.

Pteris Wimsettii, 4-in., serrulata, 4-in., certica albo-lineata, 4-in., \$1.00 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

RASPBERRY PLANTS.

St. Regis Raspberry Plants, 2 yrs. (Everbearing Red).
\$1.50 per 100; \$10 per 1,000.
THE F. WALKER CO.
312 W. Chestnut St., Louisville, Ky.

ROSES.**ROSES.**

2,000 White Killarney, 2½-in., grafted, good, big plants.....\$8.00
2,000 Richmond, 2½-in., grafted, good, big plants.....8.00
1,000 Cecile Brunner, 3-in., own root, choice stock.....4.00
500 American Beauty, 3-inch.....8.00
BASSETT & WASHBURN,
178 N. Wabash Ave., Chicago.

FINE 2½-INCH ROSE PLANTS.

100 1,000
Killarney\$4.00 \$35.00
Richmond3.00 25.00
Geo. Elgar (Baby Yellow).....4.00 35.00

WIETOR BROTHERS.

L. D. Phone, Randolph 2081.
162 N. Wabash Ave., Chicago.

Roses. Grafted 3½-in. stock: Pink and White Killarney, Brilliant, Old Gold, Scott Key, Elgar, \$140 per 1,000. Grafted 2½-in. stock: White Killarney, \$100 per 1,000. Own root, 3½-in. stock: Pink and White Killarney, Old Gold, Richmond, Elgar, \$96.70 per 1,000. Foehlmann Bros. Co., Morton Grove, Ill.

English Roses. Guaranteed two-year-old, low budded on briar, clean, hardy, field-grown stock. Dwarfs and climbers. For varieties and prices see advertisement elsewhere in this issue. Bees, Ltd., 1075 Mill St., Liverpool, Eng.

ROSE PLANTS, Pink and White Killarney, 3-in. pots, own roots, \$6 per 100; \$50 per 1,000. My Maryland, 3-in., at \$8 per 100, \$75 per 1,000. All first-class stock. HENRY SMITH, Grand Rapids, Mich.

ROSES. 300 good, healthy Killarneys, grafted from 4-in. pots, 10c each, to close out. Cash or satisfactory reference. Can use a few Rose Pink Enchantress. W. W. COLES, Kokomo, Ind.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses, cannas and shrubbery. The Conard & Jones Co., West Grove, Pa.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seeds, contract growers of pepper; egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds. Antirrhinum, Mignonette, Schizanthus, Shamrock and Stocks. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington Co., Inc., 128 Chambers St., New York.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, contract growers of cucumber, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

SEEDS.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, tree, shrub and palm. For nursery and florists. Write for prices. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seed. Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George E. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, specialties: Lettuce, onion, sweet pea, aster, cosmos, mignonette, verbena in variety. Waldo Rohnert, Gilroy, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsley, parsnips, turnips. R. & M. Godineau, Angers, France.

Seeds, large growers and shipper of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Flower and garden seeds. Sweet Pea and Nasturtium a specialty. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds. Vegetable, flower and forage. Simon Louis Freres & Co., Bruyeres-le-Chatel (Seine et Oise), France.

Seed. Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

Seed. High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds. Flower, sweet pea and nasturtiums. The L. D. Waller Seed Co., Guadalupe, Calif.

Seeds. All the leading kinds for summer and fall planting. James Vick's Sons, Rochester, N. Y.

Seed. Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seeds, flower, vegetable and farm. Wholesale only. Kelway's, Langport, England.

Seeds. Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seeds. Flower and garden. Barnard Seed Store, 231-235 W. Madison St., Chicago.

Seed. For the wholesale trade only. Brazilian Seed Growers' Company, San Jose, Calif.

Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seeds which succeed. Get quotations from Landreth, Bristol, Pa.

SWAINSONA.

SWAINSONA, 4-in. pots, fine plants, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

VEGETABLE PLANTS.

FIELD-GROWN PLANTS, all varieties: Cabbage, \$1.00 per 1,000; \$8.50 per 10,000. Celery, \$2.00 per 1,000. Parsley, \$2.50 per 1,000. F. M. PATTINGTON, Scipioville, N. Y.

Grand Rapids and Big Boston head lettuce, transplanted, \$2.50 per 1,000. Seedlings, \$1.00 per 1,000. Satisfaction guaranteed. S. T. DANLEY & SON, Macomb, Ill.

VINCAS.

Vinca variegata, 2-in., \$2 per 100; \$20 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

MISCELLANEOUS.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Choice landscape, decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., box 404, Dundee, Ill.

Japanese tea garden and rockery for your greenhouse and conservatory. Made in a short time. T. R. Otsuka, 300 S. Michigan Ave., Chicago.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Av., Detroit, Mich.

Boiler flues, cleaned and trimmed. Stuttle's clamps and elbows to join flues. H. Munson, 1353 N. Clark St., Chicago.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Vaughan's perfection points. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Nursery stock of all descriptions. Catalogues and price lists free on application. The Storrs & Harrison Co., Painesville O.

Florists' Greening Pins. Box of 10 lbs., \$1.50; 5 boxes, \$7.00. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Catalogues. Large runs our specialty. Write for prices. Regan Printing House, 527 Plymouth Place, Chicago.

Baskets of every description. Write for catalogue. Raedlein Basket Co., 713 Milwaukee Ave., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 1302-1308 West Division street, Chicago.

Greenhouse glass. Write for prices. Okmulgee Window Glass Co., Okmulgee, Okla.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Boilers of high grade for greenhouses. Write for catalogues. Giblin & Co., Utica, N. Y.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

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Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

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Hall storm insurance. John G. Esler, Saddle River, N. J.

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Title greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

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Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 982 Blackhawk St., Chicago.

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Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

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Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

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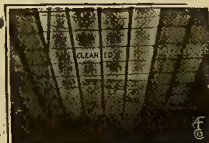
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Pots, standard flower. Write for prices. A. F. Kohr, 2934-36 N. Leavitt St., Chicago.

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Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

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Unsurpassed.

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20	18 in.	1.45	15.50	130.00
30	16 in.	1.10	12.25	100.00
40	14 in.	.70	7.75	60.00
50	12 in.	.50	5.50	45.00
60	10 in.	.40	4.40	35.00
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Manufacturers of
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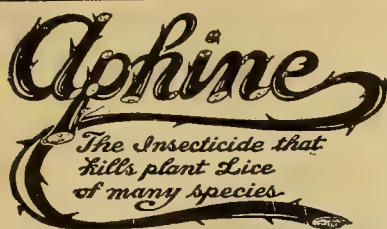
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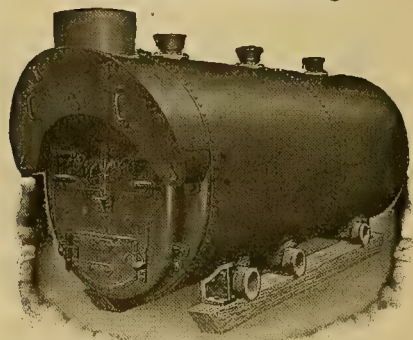
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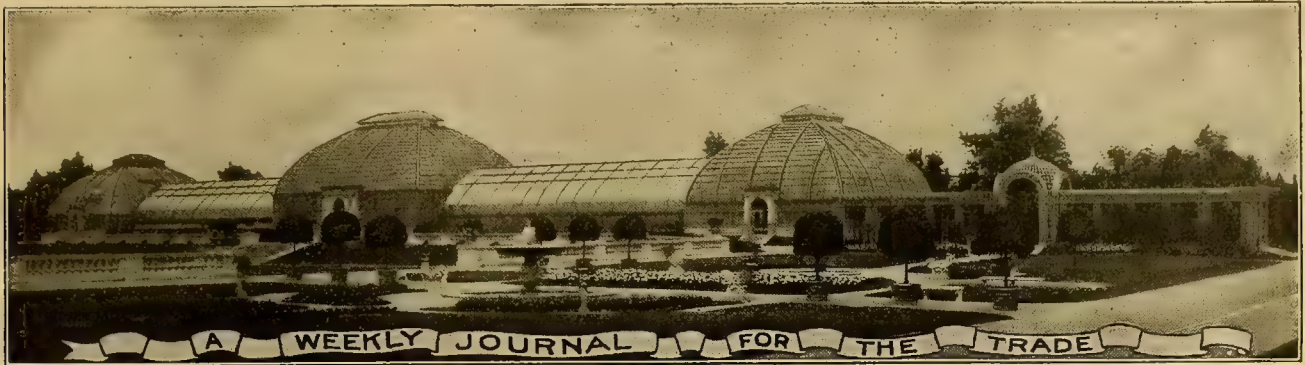
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Vol. XLVII.

CHICAGO AND NEW YORK, OCTOBER 14, 1916.

No. 1480

THE AMERICAN FLORIST

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—DANIEL MACROBIE, San Francisco,
Calif., President; ROBERT C. KERR, Houston,
Tex., Vice-President; JOHN YOUNG, 53 West
Twenty-eighth street, New York, Secretary; J. J.
Hess, Omaha, Neb., Treasurer.

OFFICERS ELECT—R. C. KERR, Houston, Tex.,
President; A. L. MILLER, Brooklyn, N. Y., Vice-
President; JOHN YOUNG, New York, Secretary;
J. J. Hess, Omaha, Neb., Treasurer. Next annual
conventions at New York, August, 1917; St. Louis,
Mo., 1918.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at
Indianapolis, Ind., 1917. J. F. AMMANN, Ed-
wardsville, Ill., President; W. J. VESSEY, JR., Ft.
Wayne, Ind., Vice-President; A. F. J. BAUR,
Thirty-eighth St. and Rockwood Ave., Indian-
apolis, Ind., Secretary.

AMERICAN ROSE SOCIETY.

Next annual convention and exhibition, 1917.
S. S. PENNOCK, Philadelphia, Pa., President;
LOUIS J. REUTER, Westerly, R. I., Vice-President;
BENJAMIN HAMMOND, Beacon, N. Y., Secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA

Annual convention and exhibition at Philadel-
phia, Pa., November 8, 1916. WM. KLEINHEINZ,
Ogontz, Pa., President; C. W. JOHNSON, 2134 W.
110th Street, Chicago, Secretary.

AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Boston,
Mass., July 7, 1917. GEO. W. KERR, Doylestown,
Pa., President; HARRY A. BUNYARD, 40 W. Twen-
ty-eighth street, New York, Secretary.

AMERICAN DAHLIA SOCIETY.

OFFICERS — RICHARD VINCENT, JR., White
Marsh, Md., President; J. HARRISON DICK, 1426
Seventy-third Street, Brooklyn, N. Y., Secretary.

Florists' Telegraph Delivery.

Special Meeting Held at Hotel La Salle, Chicago, October, 11-12, 1916.

An Enthusiastic Meeting.

The special meeting of the Florists' Telegraph Delivery, in progress at Chi-
cago this week, has called together a
strong attendance, north, south, east
and west being well represented.
Among the early arrivals were noted
J. A. Valentine, of Denver, Colo.; Wm.
F. Gude, Washington, D. C.; E. G. Hill,
Richmond, Ind.; Erwin Bertermann,
Indianapolis, Ind.; O. J. Olson, St. Paul,
Minn.; Albert Pochelon, Detroit, Mich.;
Wm. L. Rock, Kansas City, Mo.; Chas.
F. Feast, Baltimore, Md.; Geo. H. Ban-
croft, Cedar Falls, Ia.; S. W. Coggan,
Battle Creek, Mich., and W. J. Smart,
New York.

The executive committee worked hard
all day Tuesday and far into the night
preparing for the general meeting
which opened Wednesday morning with
many new arrivals. Tuesday evening
J. C. Vaughan gave the early visitors
an informal dinner at Rector's, includ-
ing all those above except Messrs. Val-
entine and Coggan, who had other en-
gagements, with the addition of
George Asmus, Ed. Goldenstein and M.
Barker, a party of the unlucky thir-
teen. The local trade has promised ad-
ditional entertainment for the strangers
Thursday if time permits in the form
of an auto ride around the parks and
boulevards and dinner as the guests of
the A. L. Randall Co.

The remarkable growth of the asso-
ciation since it was organized and
placed on its present basis by Mr. Val-
entine has rendered necessary many
changes in the constitution and by-
laws, hence this special meeting, the
work of which is well outlined in Presi-
dent Gude's address, the text of which
appears herewith. The general meet-
ing was promptly called to order Wed-
nesday morning at nine o'clock and
proceeded until noon when recess was
allowed for luncheon and a visit to the
wholesale district, business being re-
sumed at three p. m. At the morning
session the new constitution and by-

laws were adopted and there was live-
ly discussion of a number of important
questions to which we hope to refer
at length in later issues. The meeting
room was handsomely decorated by
the local trade, and C. H. Frey, of
Lincoln, Neb., sent on a handsome vase
of the fine scarlet carnation named
after his state, which was given promi-
nence on the President's table, the
flowers coming with his compliments to
the association.

President Gude's Address.

President Wm. F. Gude, of Washing-
ton, D. C., in calling the meeting to
order, said:

"First of all, I want every one of
you and those who may come in later,
to feel perfectly at home, and there is
no better way of making you feel at
home and making the officers feel at
ease, than by becoming acquainted. In
order to do that at once, we ask that
each of you in rotation, rise, give your
name, what firm you represent and
your address. I will also ask each one
of you to write this on a slip of paper
in plain English, so the secretary can
read it and have it for his record.

"We expect to have a great deal of
business at this session. We hope to
do a great deal of good. I will, there-
fore, ask all of you who have matters
to present, to be as brief and concise
as possible, and confine yourself to
national matters rather than local;
those affecting the greatest good and
to the greatest number, rather than
any small differences that may arise
in your own locality, and which should
be settled there and not by the national
organization."

President Gude then presented his
annual address, which follows:
Ladies and Gentlemen, Members of the
Florists' Telegraph Delivery Associa-
tion:

This meeting, held in the city of Chi-
cago, is the first real convention ever
called to my knowledge in the United
States for retail florists alone, and

I think we may well congratulate ourselves on the splendid attendance, unselfishness displayed, and the general enthusiasm for the F. T. D. that seems to be in the air this morning. Before presenting my address, I want first to thank all the members for unanimously electing me president of this organization. I want to give you my assurance, that if there is anything that I can do to further the interests of the F. T. D., I will be at the service of the association, morning, noon and night.

I wish to present a few suggestions relating to matters that might well be considered at this meeting, and I hope and trust that every one present will feel free to express an opinion on every phase of the business that may come before us. To my mind, there has not been known, and certainly not held in recent years, a meeting of as much importance to floriculture in general, including growers, wholesalers and retailers, artists or decorators, as this one should prove to be. I cannot make myself believe that the development of the F. T. D. will minimize in any way the work of the S. A. F. So long as the F. T. D. requires as a pre-requisite to membership in the F. T. D., that membership shall be confined to florists who are retailers and members in good standing of the S. A. F., the effect of the F. T. D. will be to broaden the scope of the parent society. If this be true, and I believe it is, then the more interest in the F. T. D., the better for the S. A. F.

Interest can not be maintained without annual meetings, and the interest of annual meetings can not be maintained unless there be discussions on live topics. This means that other matters will be considered at meetings of the F. T. D., besides merely and only exchange of orders. Under such matters will come salesmanship, advertising, methods of publicity, best methods of appeal to human sympathy and affection, cost accounting, credits and collections, and generally speaking, the commercial end of the business. Many of these things do not directly affect either grower, wholesaler, greenhouse builder or supply man, yet in so far as they make the retailer a better retailer, all interests concerned will profit and there should be an opportunity for their full discussion. I think that these matters may well be considered when we have in view the framing of the constitution and by-laws, because the constitution and by-laws are the chart and compass of the organization. With these things in view, let us look at the present constitution and see wherein it measures up to the scope of the opportunities and objects, as we may conceive them as pertaining to the F. T. D.

CONSTITUTION AND BY-LAWS.

In the first place, it may be said that any constitution and by-laws will much better meet its purpose if separated into constitution and by-laws, and the difference between these two departments should be kept well in mind. The constitution proper should contain the general guiding principles of the association, should outline its policy, should comprise those things which the framers of the organization consider most fundamental, and which should not be changed with every shifting air current. Therefore it is, that in all

constitutions are different rules, applicable to amendments of the constitution proper, and to the by-laws in almost all constitutions; the restrictions, surrounding possible amendments of the constitution proper, are more stringent than those applicable to the by-laws. In the by-laws are placed the details, those things which properly should be subject to quick change when necessary. I would, therefore, certainly recommend that there be a constitution and by-laws separately drawn, with a differently worded article as to the amendments to each.

The fundamental principle of the F. T. D. is co-operation between retailers. This principle in the constitution may be stated in general form. Then descend to particulars; for instance, the sending of orders by wire, etc., properly belongs in the by-laws; also provisions as to the payment of bills, etc. What has been said so far merely relates to the form. There are some other matters that might be given attention that relate to things more fundamental.

No organization in these days can afford to draw up a constitution and by-laws without taking into account all matters that have any legal bearing; matters that affect the responsibility of members between themselves, and also between themselves and the association; also, matters as between the association and the public generally. Any association which lays down rules that must be complied with by the members, and in the event of non-compliance a penalty is imposed, must look to, that they are: First, able to enforce the penalty, upon the member, and, second, that when the penalty is so enforced, the party suspended shall not have any legal claims for redress for damage or loss, either to property or reputation. I do not believe that the present constitution of the F. T. D. is sufficiently safeguarded in this respect. A paragraph like the following would seem to be in order:

Provided, that in the effort of the association to accomplish the above ends, no action shall be taken which will tend in any manner whatsoever to fix or regulate prices, or in any way operate in restraint or trade.

RESIGNATIONS.

Further, I would suggest that at the proper place in the constitution, with reference to expulsions, that some such clause as the following be inserted:

This association does not in calling for the resignation of any member thereby imply any stigma upon such member or any reflection upon his character or reputation, but such action in demanding the resignation of such member, in the event of such demand, is taken pursuant to the constitution and by-laws of the association and as part of the carrying out by such member of his pledge subjecting him to the operation of said constitution and by-laws.

Other wording may be framed by legal counsel for the association to carry out this idea of waiver of responsibility for any loss of character or reputation suffered by such member through his own act in violation of the constitution and by-laws to which he has voluntarily subscribed.

MEMBERSHIP.

This would also imply that a pledge be provided as a part of the constitution and by-laws, the said pledge to

be signed by every member applying for membership, something after the following form:

To the Board of Directors of the Florists' Telegraph Delivery Association:

..... hereby apply to be admitted as a member of the Florists' Telegraph Delivery Association under the constitution and by-laws of said association. Should this application be approved and the undersigned be elected to membership in your association,, the undersigned, solemnly swear that we will faithfully observe and be bound by each and every article and section of the constitution and by-laws of this association as now in force, as well as any that may hereafter become in force; and we further do solemnly pledge ourselves to report in writing to the Board of Directors of the Florists' Telegraph Delivery any irregularity or fraud on the part of any member of your association that may come to knowledge, and will hold bound to appear before said board, or any committee of the association, upon summons of the secretary thereof, and give testimony concerning any infraction of the association that may come to knowledge.

Name.....

Address.....

Witness.....

INCORPORATION.

In regard to the matter of incorporation of the association, it is respectfully submitted that there are two legal aspects of the matter that should be inquired into:

1. Is it desirable with a view to personal liability of any member to incorporate?

2. Is it desirable to incorporate, with a view to receiving any bequests that may be made to this association, or with a view to its acquiring or holding real estate?

Under the head of classes of membership, is it desirable or is it not, that some form of associate membership should be provided for?

With reference to trustee fund, membership fee and annual dues, is it desirable that any change shall be made in these from the present rating?

OFFICERS AND MEETINGS.

As to officers, is it desirable that there shall be more than one vice-president, and should the duties of the officers be more specifically stated?

There appears to be no provision in the present constitution as to the number constituting a quorum both at the annual meetings and at the meetings of the board of directors.

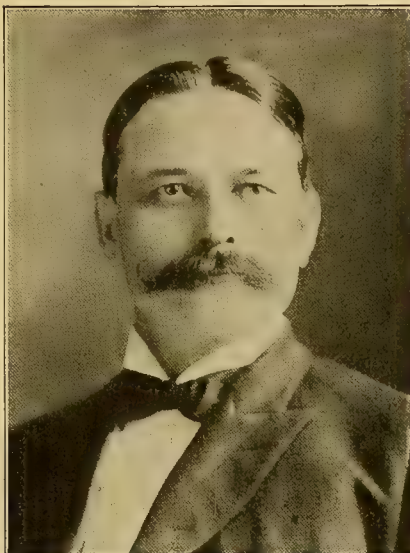
Is it desirable that in the provision for a quorum at the annual meetings certain percentage of the board of directors shall be required to constitute part of that quorum, and what shall be the total quorum?

Under the head of membership, there are no provisions at present for passing upon the applicant's qualifications, and there is no provision for method of election of members.

Is it desirable that each applicant for membership shall fill out a written application stating certain particulars such as name, location, correct style of firm, length of time in business, whether or not the applicant retails exclusively, population of city in which located, name of party or parties rec-



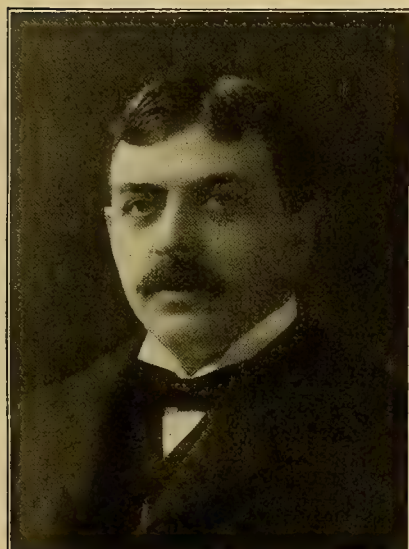
J. A. Valentine, Denver, Colo.
Founder of the Present Organization.



W. F. Gude, Washington, D. C.
President The Florists' Telegraph Delivery.



George Asmus, Chicago.
Vice-Pres. The Florists' Telegraph Delivery.



Philip Breitmeyer, Detroit, Mich.



Irwin Bertermann, Indianapolis, Ind.
Former President of the Association.



Max Schling, New York.



Samuel Murray, Kansas City, Mo.



J. J. Hess, Omaha, Neb.



Fred Meinhardt, St. Louis, Mo.

SOME PROMINENT MEMBERS OF THE FLORISTS' TELEGRAPH DELIVERY.

ommending applicant, or other details that may be deemed essential in the application. Some associations require that applicants shall be passed upon during the interval between annual meetings by the executive committee. Other organizations place this power in the hands of the secretary, subject to ratification by the executive committee. Some associations require that applications shall be posted upon the bulletin board at the annual meeting for 24 hours, any complaints to be registered with the membership committee, and no applicant to be considered unless favorably reported by such membership committee to the convention.

DIRECTORS.

The present paragraph referring to directors is very inadequate as it is entirely lacking in definition of the duties and powers of directors. In considering this question record must be had as to whether the association desires to place the larger proportion of the administrative function of the organization in the hands of its directors. This is done by many organizations, especially where the greater proportion of the members do not attend the annual meetings but remain at home and trust to the officers exclusively to do the work of the association. In some associations, the major portion of the functions of the organization are performed by the board of directors and that body in turn erect within themselves a smaller working body termed the executive committee. This is often done to save expense, and to render possible quicker and more effective action in important matters. The functions that are turned over to the board of directors have a bearing upon the duties of the officers. Therefore, before the duties of the officers can be specified in detail, it is necessary to decide how much leeway shall be given the board of directors. I am of the opinion that if a man serves as a director of such an organization without remuneration he should be allowed at least to use the discretion that the good Lord has given him.

NOMINATIONS.

Under the head of "Nominations" the present provision seems to be a useless one, since it is only inviting disagreement by suggesting three nominees for every office, which is too vague. It further lays the board of directors open to suspicion. It does not seem to have ever been followed out, and it would seem that a much better provision would be to provide for the appointment of a nominating committee at the first session when more than one session is to be held, the election to be at the subsequent session; or, if there is only to be one session, the nominating committee could be appointed, as is done in some associations, at the last previous regular called meeting, said committee to present a ticket, with the proviso, that at the time said ticket is presented, other nominations may be made from the floor. This would remove any suspicion of desire on the part of officers to perpetuate themselves.

ANNUAL MEETINGS.

With regard to the provision as to annual meetings, it rests with the association as to what they desire to do about this, but there should be some provision for calling special meetings by a certain number of the board of directors, or upon the request of a

specified number of active members, a specified number of days notice to be given to all members as to date and place of such meeting and the purpose of same. With reference to the matter of annual meetings, careful consideration should be given as to whether they should ever be held anywhere else than where the S. A. F. meets; and in the event it is to be held at the same time and place, whether it would not be advisable to hold it either on the day before or the day after the annual meeting of the S. A. F. in order that the proceedings would not have to be hurried and spasmodic.

TERMS OF OFFICE.

In the provision as to terms of office, there should be added a provision which is absent apparently from the present constitution, to the following effect:

"Or until their successors shall be duly elected and qualified."

The experience of all organizations has proved the wisdom of such a provision, and the fact of its absence from the present constitution simply proves that while the originators of the F. T. D. worked well, they evidently prepared this constitution too hurriedly and without giving due attention to precedents that long experience has given approval to.

VOTING.

I can find no explicit declaration in the constitution anywhere with regard to how many votes anyone may cast. This seems to have been taken for granted, whereas in a constitution it certainly should be stated that, for instance, "each member shall be entitled to one vote. Where persons, firms or corporations are represented by more than one individual, said member is entitled to one vote only."

DELINQUENTS.

Various organizations make different rules as to resignations and as to delinquents. Whether any additions to the present constitution have been made that cover this I am uncertain. The records should show. I would suggest some such section as the following:

"The resignation of any member shall be tendered to the secretary of the association in writing, and shall be accepted at a regular meeting only when said member's dues are fully paid. A member may be requested to resign for cause by a three-fourths vote of those present at any regular or called meeting of the association. A member may be dropped by the executive committee if dues are unpaid for two years."

COMMITTEES.

With regard to the membership committee, I would suggest that there be a provision in the by-laws at the proper place that the nominating, auditing, membership, programme and resolution committees shall each consist of three persons, the membership and programme committees to serve throughout the year and all of the above named committees to be submitted by the president to the convention for approval.

TRUSTEE FUND.

Now with reference to the provisions of the trustee fund, I am quite satisfied that these are open to improvement. Whatever regulations are made in this respect should be so worked that the applicant for membership

when signing the constitution and by-laws, will be bound by something definite that will be a legal defense to the association and a waiver of any recourse by a member whose resignation is requested. I would have a provision in the constitution, that under certain circumstances, a member's resignation will be requested in a certain manner specified, and that when so requested the member binds himself to resign. I would not use the word "expel" anywhere in the constitution, or the word "expulsion."

VOTING BY MAIL.

There should be a provision in the constitution with reference to a mail-vote under certain contingencies. This matter should be in the by-laws, not in the constitution; it should not be left to the discretion of any officer as to how much time should be allowed within which the votes would have to be received and counted, but this should be specifically covered by the wording of the constitution and by-laws.

CONSTITUTION AND BY-LAWS SEPARATE.

By all means, let the constitution be in the form that long usage has approved, that is a separate constitution and by-laws, each article and section to be numbered. Our association is of sufficient dignity and importance to justify its putting on at least this much style. The association at its conventions shall make such laws, define such policies, adopt such resolutions, and render such decisions as shall further the interests of the association, and the acts, resolutions and decisions of a convention, or of its board of directors when acting within its powers, shall be final and binding on all its members.

TRANSMITTED ORDERS WITHOUT DRAWBACK.

Some discussion has been had as to the original order being transmitted by the florist who receives it without deduction or draw-back or change of any kind, subject, of course, to regular commission, and the statement has been repeatedly made that the association will not countenance any double dealing in this respect. Should not there be some expression to this effect in the by-laws, and if so should there not also be an expression covering the same in the pledge, if a pledge is decided upon?

Constitution and By-Law Resolution.

Be it Resolved, That whereas the Constitution and By-Laws, and amendments thereof, of this Association are inadequate for the proper government of the affairs of the Association, and,

Whereas, It is desired to adopt a Constitution and By-Laws of the Association adequate and complete enough to cover the proper government of the affairs of the Association,

Now, Therefore, Be it Resolved, That the Constitution and By-Laws and all amendments thereof of the Association now in effect shall be repealed, and the attached Constitution and By-Laws enacted as the Constitution and By-Laws of the Association.

Submitted:

WM. F. GUDE, President.

GEORGE ASMUS, Vice-President.

ALBERT POCHOLON, Secretary.

WM. L. ROCK, Treasurer.

J. A. Valentine moved the adoption of the foregoing resolution, and the motion was carried.



Albert Pochelon, Detroit, Mich., Secretary.



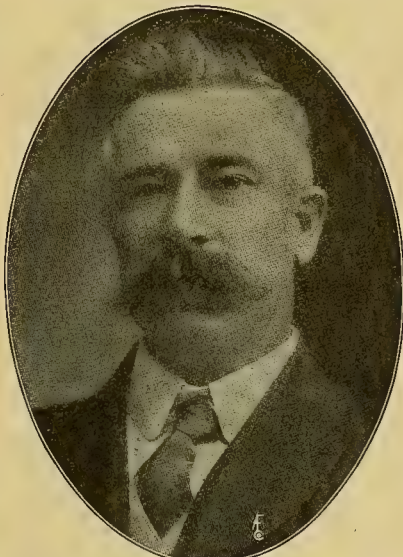
August Lange, Chicago, Director.



W. L. Rock, Kansas City, Mo., Treasurer.



O. J. Olson, St. Paul, Minn., Director.



Harry Papworth, New Orleans, La., Director.



G. E. M. Stumpp, New York, Director.



Frank X. Stuppy, St. Joseph, Mo., Director.



F. D. Pelicano, San Francisco, Calif., Director.



T. J. Wolfe, Waco, Tex., Director.

SOME OF THE OFFICERS AND DIRECTORS OF THE FLORISTS' TELEGRAPH DELIVERY.

New Constitution and By-Laws.

Article I—Name and Office of Association.

Section 1. The name of this Association shall be Florists' Telegraph Delivery, and its general office shall be located at the residence of the Secretary of the Association, or wherever he may establish his office, provided that the offices of the President and Treasurer shall be at their respective residences, or wherever they may establish their offices.

Article II—Objects.

Section 1. The Association has for its objects: The mutual exchange of orders between retail florists in the different cities and towns in the United States and the Dominion of Canada; to educate its members in the proper handling and promotion of the exchanging of orders by telegraph, telephone, and mail; to give publicity to the service rendered by members of the Association in order to promote the out of town business of each member of the Association; to promote and encourage the exchange, between members of the Association, of ideas, principles, policies, methods and manner of handling and conducting the retail floral business, for the betterment and education of the members; to promote a good feeling and honest dealing between all members of the Association; to insure the prompt payment of all accounts contracted between members of the Association; and to further generally the interest of the retail floral business and encourage the co-operation of retail florists.

Article III—Membership.

Section 1. Membership in this Association shall be confined to florists who are proprietors or officers of retail flower stores in cities and towns in the United States and Dominion of Canada and who are members in good standing in the Society of American Florists and Ornamental Horticulturists.

Section 2. Any persons, eligible to membership, and who desire to become members of this Association, shall file with the Secretary a written application, or form prescribed by the Association, accompanied by a membership initiation fee of \$5.00. The Secretary shall pass upon all applications, and if the applicant is eligible and acceptable to membership in the Association, he shall so notify the applicant and require him to pay the guarantee fee and one year's annual dues prescribed in these By-Laws before he shall become a member of the Association.

Section 3. Any member of the Association who operates two or more retail stores in any one city, may, without additional cost, file with the Association the names and addresses of all of his stores, provided that he must head the list with the main store to which he wishes orders sent.

Section 4. Any member of the Association who operates stores in two or more cities may list all of his stores with the Association without the payment of membership initiation fee after the first payment, provided that he shall be required to pay the annual dues and the guarantee fee, prescribed in these By-Laws, for each city in which he has stores listed with the Association.

Section 5. Persons becoming members of the Association after June 1 of any year shall not be required to pay the annual dues for the unexpired term of the fiscal year ended July 31 of the same year, but their dues shall begin as of August 1 of the same year. Any person becoming a member of the Association after February 1 of any year and before August 1 of the same year, shall pay 6 months' dues for the balance of the fiscal year, of the Association, in which he becomes a member.

Article IV—Annual Dues and Guarantee Fee.

Section 1. Each member of this Association shall pay annual dues to the Association on the following graduated scale: The annual dues of members whose store or stores are located in cities having a population of 150,000 or more shall be determined by taking each of said cities separately and dividing the total population thereof by the number of members operating a store or stores therein; on the quotient thus obtained, each of said members shall pay \$20.00 for every 150,000 or majority fraction thereof, provided that the minimum annual dues shall be \$20.00 and the maximum \$30.00. The annual dues of members whose store or stores are located in cities having a population of

100,000 and less than 150,000	shall be \$20.00
50,000 " " " 100,000	" " 15.00
25,000 " " " 50,000	" " 10.00
10,000 " " " 25,000	" " 8.00
10,000 " " " "	" " 5.00

Section 2. The annual dues of the Association shall be due and payable in advance, on the first day of August of each year.

Section 3. Each member, at the time of his admission into the Association shall pay a guarantee fee to form a Guarantee Fund of the Association, to insure the payment of accounts contracted between members of the Association, on the following graduated scale: Members whose store or stores are located in cities having a population of

500,000 and over	shall pay \$50.00
250,000 and less than 500,000	" " 30.00
100,000 " " " 250,000	" " 20.00
50,000 " " " 100,000	" " 15.00
25,000 " " " 50,000	" " 10.00
25,000 " " " "	" " 5.00

Section 4. The amount paid by each member as guarantee fee shall be placed in the Guarantee Fund and kept separate from all other funds of the Association.

Section 5. The Guarantee Fund shall be disbursed only in payment of accounts due by a member or members to another member or members of the Association which have not been paid by the debtor.

Section 6. The amount paid into the Guarantee Fund by any member or members who have failed to pay his or their obligations to other members of the Association, shall be first used, or so much thereof as is necessary, to pay his or their said obligations. If the amount so paid into the Guarantee Fund by a member is not sufficient to pay his obligations to other members of the Association, which he has not paid himself, the deficiency shall be paid out of the amount paid into the Guarantee Fund by other members of the Association.

Section 7. Any member who has defaulted in the payment of his obligations to other members, severs his membership, or withdraws from the Association, shall be refunded, within six months after his withdrawal from the Association, the amount paid into the Guarantee Fund after deducting therefrom the amount paid by the Association to other members in payment of his obligations.

Section 8. Any member who voluntarily withdraws from the Association, and who has paid all of his obligations to other members of the Association, shall be refunded, after sixty days from date of his withdrawal, the amount paid by him into the Guarantee Fund, after deducting therefrom that part of his guarantee fee which has been previously used by the Association in payment of the obligations of other members who have defaulted in the payment of their obligations to other members of the Association.

Section 9. The interest received by the Association on the Guarantee Fund shall be credited to the General Fund of the Association and used for general purposes, except that when a part of the Guarantee Fund, made up of fees paid into the Fund by members in good standing, has been used by the Association to pay the indebtedness of members who have defaulted in the payment of their obligations to the other members of the Association, the interest collected thereafter shall be credited to the Guarantee Fund until the fund shall have been reimbursed for the full amount paid for the defaulted members.

Section 10. For the purpose of determining the population of any city or town the last available United States census shall be used.

Article V—Officers.

Section 1. The officers of this Association shall be a President, a Vice-President, a Secretary, and a Treasurer, and their duties shall be the duties usually devolving upon officers in any similar associations, except where their duties are specifically stated in these By-Laws.

Section 2. The President and Vice-President shall be elected by the members of the Association at each annual meeting to serve for a term of one year, or until their successors are elected and qualified. The Secretary and Treasurer of the Association may or may not be a member of the Association, and each shall be appointed by the Board of Directors for a term of one year, or until their successors are appointed and qualified.

Section 3. The officers and directors of this Association shall serve without compensation, except officers giving bond to the Association for the faithful performance of their duties, who shall be paid Twelve Dollars (\$12.00) per annum. The officers of the Association shall be allowed the reasonable expense of maintaining their offices and the salaries of assistants employed by them, subject, however, to regulation by the Board of Directors.

Article VI—Duties of Officers.

Section 1. The President, and in his absence the Vice-President, shall preside at all meetings of the Association.

Section 2. The President shall be, by virtue of his office, ex-officio, a director of the Association, and shall preside at all meetings of the Board of Directors.

Section 3. The Vice-President, in the absence of the President, shall perform all duties devolving upon the President. In the event the office of the President becomes vacant by reason of resignation, death, or disqualification of the President, the Vice-President shall succeed to the Presidency; and by virtue of his succession to the Presidency shall have and assume all rights and duties of the office of the President, including the right to act as a director of the Association.

Section 4. The Secretary shall send out notices of all meetings of the Association and of the Board of Directors; and shall keep a record of the proceedings of all such meetings, and of all other matters of which record shall be ordered by the Association, or by the Board of Directors. He shall notify persons elected to membership, and shall keep a register of the members of the Association and their addresses. He shall furnish each member of the Association with the names and addresses of all members of the Association; and on the first and fifteenth days of each month shall furnish each member with the name and address of all new members, and of all members who have ceased to be members of the Association. He shall collect all moneys due to the Association and make prompt re-

mittance of same to the Treasurer. He shall keep such books of account as shall be necessary to make proper record of all financial matters connected with his office, and keep such other records as the Board of Directors may require; and shall perform all other duties required to be performed by him by these By-Laws, or that may be required by the Board of Directors or Arbitration Committee, and all other duties usually pertaining to the office of Secretary.

Section 5. The Treasurer shall be the chief financial officer of the Association. He shall receive and give the Secretary receipt for all moneys collected by the Secretary and remitted to him, and deposit same in bank. He shall collect all interest on investments of the funds of the Association, and deposit same in bank. He shall furnish the Secretary with a copy of all deposit slips for money deposited in bank. He shall make all disbursements of the Association by check upon bills or invoices approved by the President, Secretary and himself. He shall give bond to the Association for the faithful performance of his duties, the expense of the bond to be paid by the Association. He shall keep books of account showing the receipt and disbursement of all moneys of the Association. He shall furnish detailed reports of all finances of the Association, and of such other matters as may come under his management, as and when required to do so by the Board of Directors. His books of account and records shall be audited annually, and a report thereon certified to by a firm of certified public accountants.

Article VII—Directors.

Section 1. The Board of Directors shall consist of the President of the Association, the Junior Past President, and of nine other directors, three of whom shall be elected at each annual meeting of the Association to serve for a period of three years.

Section 2. Six directors shall be necessary to constitute a quorum for the transaction of business at all meetings of the Board of Directors.

Section 3. The President shall preside as Chairman at all meetings of the Board of Directors, and in his absence the directors present may elect one of their number to preside as Chairman.

Section 4. The Board of Directors shall hold its annual meeting immediately after the adjournment of the annual meeting of the Association, at which time a Secretary and a Treasurer shall be appointed for the ensuing year. The Secretary shall at the request of the President, call a meeting of the Board of Directors at any time, and he shall call a meeting on the request of three or more directors. At least ten days' notice of all meetings of the Board of Directors shall be sent to each director by first-class mail to the last known address of each.

Section 5. The Board of Directors may transact any business by mail without holding a meeting, provided a notice is mailed to each director containing the question, or questions submitted and stating the time when the votes received in reply will be counted. The question, or questions, so submitted must be so worded as to be answered in the affirmative "Yes," or in the negative "No." Questions so submitted shall be sent to each director by registered mail and the replies shall be made to the Secretary, who shall enter the full proceedings upon his Minute Book and retain in his files all the votes received.

Section 6. Any vacancy in the Board of Directors by reason of resignation, death or otherwise, shall be filled by the Board of Directors until the next meeting of the Association, at which time the vacancy shall be filled by the election of a director for the unexpired term of the director vacating the office.

Section 7. In the event the office of the Vice-President becomes vacant by reason of resignation, death, disqualification, or succession to the Presidency, the Board of Directors shall appoint a Vice-President to serve for the unexpired term of the Vice-President vacating the office.

Article VIII—Meetings.

Section 1. The Association shall hold an annual meeting, the time and place of holding said meeting shall be fixed by the Board of Directors, each year, and the Secretary shall give each member of the Association ninety days' notice before the holding of said meeting. The notice shall be sent by first-class mail directed to each member at the last known address of each.

Section 2. The Board of Directors may, by a two-thirds majority, call special meetings of the Association. Thirty days' written notice of any special meeting, stating the time and place the meeting is to be held, shall be given to each member of the Association. The notice shall be sent by first-class mail, directed to each member at the last known address of each. The notice shall specify what business will be transacted at all special meetings of the Association, and only the business specified in said notice shall be transacted at said meetings.

Section 3. Any member whose dues and all other obligations to the Association are paid, and is otherwise in good standing as a member of the Association, shall be entitled to one vote at all meetings of the Association.

Section 4. Eleven members of the Association shall be necessary to constitute a quorum for the transaction of business at all meetings of the Association.

Section 5. At all meetings of the Association, of the Board of Directors, and of the Arbitration Committee, "Robert's Rules of Order" shall govern the procedure in the absence of specific rules of order not provided by these By-Laws.

Section 6. The annual election of officers shall take place at the annual meeting. The Board of Directors shall prepare a list of not more than three nominees for President, three for Vice-President, and nine for Directors, which list of nominees shall be submitted to the annual meeting of the Association; but this shall not be construed as restricting the right of any member to make other nominations when so desired.

Section 7. The meeting shall first take an informal ballot, and when the result is announced all names shall be dropped except the two candidates for President and Vice-President respectively, and the six candidates for Directors who have received the highest number of votes. The meeting shall then proceed to take a formal ballot.

Section 8. The vote shall be by ballot, and the candidates receiving the highest number of votes for President and for Vice-President respectively, and the three candidates receiving the greatest number of votes for the office of Directors, shall be declared elected.

Article IX—Arbitration Committee.

Section 1. Immediately after the duly elected President assumes office each year, he shall appoint an Arbitration Committee, to consist of a Secretary and two members taken from the Board of Directors, to serve for a term of one year, or until their successors are appointed.

Section 2. The Arbitration Committee shall have power to pass upon, adjudge and decide all disputes between members. The Committee shall have power to order and require the payment or cancellation of any disputed claim or account between members of the Association.

Section 3. It shall be lawful for the Arbitration Committee to take action upon any matter by mail, without holding a meeting. The Secretary of the Arbitration Committee shall submit to the members of his Committee, by mail, any question or questions for the decision of said Committee and such question or questions shall be so worded as to be answered by an affirmative vote "Yes," or negative vote "No." The notice submitting questions to the Arbitration Committee shall state the time when the votes received by the Secretary will be counted. The members of the Arbitration Committee shall send their votes, on all questions so submitted to them, to the Secretary of the Association. The Secretary shall record the votes of the Arbitration Committee, and shall enter the full proceedings upon his Minute Book, and retain in his files all the votes received. He shall notify each member of the Arbitration Committee, and the persons submitting the question or questions, informing them of the results of the vote.

Section 4. Any member or officer of the Association aggrieved by the action of the Arbitration Committee shall have the right to appeal to the Board of Directors, who shall review the action of the Arbitration Committee, and give their decision thereon, which shall be final.

Article X—District Representatives.

Section 1. The newly elected President, each year, shall appoint District Representatives to serve for a term of one year. The Representatives shall be geographically districted.

Section 2. The duties of the District Representatives shall be to promote the interest of the retail floral business in their respective districts; to promote the exchange of orders between members of the Association; to give publicity to the out-of-town service rendered by members of the association; to solicit all trustworthy retail florists in the respective districts of each Representative to become members of the Association, and to that end to furnish all prospective members with all information desired, and explain to them the benefit derived from membership in the Association; and to offer suggestions to the Association for the proper handling of the interests of the Association, and shall assist the Secretary in the promotion of all the Florists' Telegraph Delivery affairs.

Article XI—Rights and Duties of Members.

Section 1. All members must use care and discretion in taking orders to be transmitted to other members to be filled. Members taking orders to be filled by other members must transmit the order for the full amount as taken from the customer, and the members to whom orders are transmitted shall fill them to the best of their ability in accordance with the instructions of the members transmitting the orders.

Section 2. All members taking orders shall explain to their customers that different prices prevail in the different cities and towns. Where the amount to be paid for orders is limited by the customer, the order shall be transmitted by both quantity and amount in order to give the member receiving the order some leeway in filling it; but the member receiving the order must fill it as specified in the order to the best of his ability without suffering an actual loss.

Section 3. All orders sent by telegraph must be confirmed immediately by letter. The member receiving an order by telegraph from another member shall acknowledge receipt

thereof by letter immediately upon receipt of the order.

Section 4. All orders shall be exchanged between members at retail prices. On all orders given by any member to another member of the Association the member giving the order shall take a discount of 20 per cent of the gross amount of the order when remitting to the member filling the order.

Section 5. The offering or allowing a larger discount than 20 per cent shall be construed as evidence of exorbitant prices or inferior service. The acceptance of a smaller discount than 20 per cent shall be construed as evidence of inferior service.

Section 5A. Such violation of this section shall be submitted to the Arbitration Committee and members are positively prohibited from submitting orders to others than those in the retail trade.

Section 6. Invoices for orders exchanged between members shall be mailed within ten days after the order is transmitted and the remittance therefor shall be made within forty-five days thereafter.

Section 7. Any invoice not paid within forty-five days after being rendered, shall not be entitled to the 20 per cent discount, but must pay the bill in full through the Secretary. The member shall send an itemized statement of the account to the Secretary of the Association within 60 days or forfeit his right to receive payment for the account out of the Guarantee Fund.

Section 8. The Secretary shall at once notify the delinquent debtor that such bill has been filed with him, and shall keep a record of each account so filed with him. If the debtor disputes the account, he shall at once remit to the Secretary the amount claimed as due, and ask to have the matter referred to the Arbitration Committee. If there is only a portion of the amount in dispute, the uncontested portion shall be remitted to the claimant by the Secretary and the remainder held to await the award of the Arbitration Committee.

Section 9. If any member fails to remit to the Secretary, as provided above, within ten days after the mailing of such notice by the Secretary, the account presented shall be paid by the Association out of the Guarantee Fund.

Section 10. The delinquent debtor shall be notified of the payment of his debt by the Association, and that if he does not reimburse the Association for the amount paid within ten days his membership in the Association shall cease.

Section 11. Any member who has an account against any florist who is not a member of the Association may refer the same to the Secretary, whose duty it shall be to make every effort to collect the account the same as if it were against a member of the Association. When such account is paid direct to creditor, the Secretary shall be notified immediately, so the account can be credited by him to save unpleasant complications.

Section 12. Any member guilty of a violation of any provision of these By-Laws, or of action detrimental to the Association, may be suspended or expelled from the Association by the Arbitration Committee.

ARTICLE XII—Funds of Association.

Section 1. The Board of Directors shall have general management of the affairs of the Association, and shall direct the disbursement of all funds of the Association.

Section 2. The Directors may instruct the Treasurer to invest the Guarantee Fund of the Association, or so much thereof as shall not be required to meet current disbursements out of said fund for the purpose provided in these By-Laws.

Section 3. The officers of the Association shall have power to incur such obligations as the duties and necessities of their offices shall warrant, and said obligations shall be paid by the Association upon bills properly approved by the President, Secretary and Treasurer.

Section 4. The receipts of the Association shall be divided into a Guarantee Fund and a General Fund. The Guarantee Fund shall be credited with the receipt of guarantee fees and shall be charged with the disbursements made out of the fund, as provided in these By-Laws. The General Fund shall be credited with all receipts except those that it is specifically provided shall be credited to the Guarantee Fund. All disbursements for purposes other than those that it is specifically provided to be made from the Guarantee Fund shall be made from the General Fund.

Section 5. The fiscal year of this Association shall begin on the first day of August of each year, and shall end on the thirty-first day of July of the following year. The annual dues of this Association shall begin and end with the fiscal year.

Section 6. The members of this Association are not, in any sense, associated as co-partners. No member shall have the right or power, by virtue of his membership in the Association, to act as agent for any other member of the Association. The rights and powers of the officers of this Association are limited to those conferred upon them by these By-Laws, and such as are reasonably necessary to carry out the functions of their offices. No officer of this Association by virtue of his office, shall have the right or power to act as agent for any member or members of this Association, nor to make any member personally liable for any obligation incurred by him. The liabilities of the members of this Association are spe-

cifically limited to the membership initiation fee, annual dues and guarantee fee, as provided in these By-Laws.

Article XIII—Increase in Annual Dues, and Guarantee Fees of Present Members, Effective When.

Section 1. The increase in the annual dues and guarantee fee provided in these By-Laws shall become effective after adoption by the Association, August 1, 1917.

Article XIV—Amendments.

Section 1. The Constitution and By-Laws of this Association may be amended, altered or repealed by a two-thirds vote of the members present at any regular meeting, provided that notice shall have been given in writing to each member of the Association at least 30 days prior to such regular meeting.

The Attendance.

The attendance the opening day included the following:

W. H. Anderson, Lebanon, Ind.
George Asmus, Chicago.
Geo. H. Bancroft, Cedar Falls, Ia.
M. Barker, Chicago.
Karl P. Baum, Knoxville, Tenn.
Irwin Bertermann, Indianapolis, Ind.
John A. Bissinger, Lansing, Mich.
R. G. Boehringer, Bay City, Mich.
L. R. Bohannon, Chicago.
A. F. Borden, Los Angeles, Calif.
Mrs. A. F. Borden, Los Angeles, Calif.
Philip Breitmeyer, Detroit, Mich.
F. C. W. Brown, Cleveland, O.
Chas. H. Brown, New York.
D. A. Brown, Cincinnati, O.
C. J. Burkland, Youngstown, O.
S. W. Coggan, Battle Creek, Mich.
Mrs. S. W. Coggan, Battle Creek, Mich.
Wm. P. Craig, Philadelphia, Pa.
E. J. Fancourt, Philadelphia, Pa.
Chas. F. Feast, Baltimore, Md.
E. A. Feters, Detroit, Mich.
Wm. Gammage, Jr., London, Ont.
Wm. P. Gloeckner, Albany, N. Y.
Vincent J. Gorly, St. Louis, Mo.
Wm. F. Gude, Washington, D. C.
Miss M. A. Harnett, Grand Rapids, Mich.
J. J. Hess, Omaha, Neb.
E. G. Hill, Richmond, Ind.
Mrs. J. T. Hinchliffe, Racine, Wis.
Robt. W. Jean, Detroit, Mich.
T. H. Joy, Nashville, Tenn.
George W. Kay, Youngstown, O.
Paul Klingsporn, Chicago.
H. P. Knoble, Cleveland, O.
Joe Kral, Chicago.
A. Lange, Chicago.
Arthur Langhans, Wheeling, West Va.
Chas. Loveridge, Peoria, Ill.
Fred H. Meinhardt, St. Louis, Mo.
Mrs. Fred Meinhardt, St. Louis, Mo.
James Morton, Chicago.
Chas. P. Mueller, Wichita, Kans.
Samuel Murray, Kansas City, Mo.
E. A. Ollinger, Chicago.
O. J. Olson, St. Paul, Minn.
I. L. Pillsbury, Galesburg, Ill.
Albert Pochelon, Detroit, Mich.
W. L. Rock, Kansas City, Mo.
H. Dieu Schiller, Chicago.
Max. Schling, New York.
George Schultz, Louisville, Ky.
Henry W. Shepherd, Cincinnati, O.
S. J. Smart, New York.
W. J. Smythe, Chicago.
Frank Stuppy, St. Joseph, Mo.
P. V. Swenson, Chicago.
Gust. H. Taepke, Detroit, Mich.
Walter G. Taepke, Bloomington, Ill.
Chas. H. Totty, Madison, N. J.
O. Triebwauer, Lake Forest, Ill.
L. Turner, Jr., Kenosha, Wis.
J. A. Valentine, Denver, Colo.
J. C. Vaughan, Chicago.
Frank Washburn, Bloomington, Ill.
G. A. Washburn, Bloomington, Ill.
F. C. Weber, St. Louis, Mo.
Geo. Weiland, Evanston, Ill.
Ernst Wienhoeber, Chicago.
W. H. Wienhoeber, Chicago.
B. C. Wilcox, Council Bluffs, Ia.
E. S. Williams, Chicago.
Miss Ella Grant Wilson, Cleveland, O.
J. S. Wilson, Des Moines, Ia.
John Young, New York.
Thos. Zettitz, Lima, O.

Within the Law.

There's law for this and law for that,
The man in business sighed,
It keeps me guessing where I'm at
And how my hands are tied.
My great concern today is not
That I may shortly fail.
I have to give my every thought
To keeping out of jail.
For profits that may comfort me
No longer can I plan,
It's taking all my time to be
A law-abiding man.
Oh, sorry is the plight I'm in,
I have not path to choose,
The court will nab me if I win,
The sheriff if I lose.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.
From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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RAFFIA, at French ports, if permitted exportation, is now double former prices.

DAHLIAS seem to be a short crop generally in many parts of the country this season.

THE Florists' Hail Association executive committee has an important meeting scheduled to be held at Chicago Friday, October 13.

Personal.

Miss May E. McAdams, former Chicago florist, and daughter of Andrew McAdams, who graduated from the Illinois State University at Urbana last June, after a four-year course in the landscape gardening department, has joined the forces of Warren H. Manning at Billerica, Mass. The many friends of Miss McAdams wish her every success in her new field.

The death is announced of Walter Swoboda, at Berlin, the well-known German horticulturist, September 7, brother of George Swoboda, of Hess & Swoboda, Omaha, Neb.

St. Louis Spring Show.

A spring flower show will be held in St. Louis, Mo., March 15-18, and the committee in charge are sparing neither trouble nor expense to make this one of the most successful exhibitions ever held. The schedule of prizes will be so arranged that professionals, private gardeners and amateurs may compete, and there will also be classes open to botanical gardens, city park departments and greenhouses in the United States and Canada. All branches of floriculture are considered in the different divisions. There will also be classes for fruits and vegetables. The programme will also include lectures and demonstrations. The exhibition will be under the management of Jules Bourdet and W. W. Ohlweiler, Missouri Botanical Garden, St. Louis, Mo., is executive secretary. The preliminary premium list will be ready for distribution in the near future.

Society of American Florists.

DEPARTMENT OF PLANT REGISTRATION.

Public notice is hereby given that J. E. Yeats, of Champaign, Ill., offers for registration the following new rose described below. Any person objecting to the registration, or to the use of the proposed name, is requested to communicate with the secretary at once. Failing to receive objection to the registration, same will be made three weeks from this date.

Description—A chance seedling; growth rapid and heavy, throwing long shoots from near the ground; needs little if any tying; early continuous bloomer. Foliage, medium heavy, glossy, dark green. Height, stems, 18 inches to four feet. Color, real red velvety. Flower, petals large and thick large pointed buds opening into a full evenly petaled rose. Fragrance, very dense fruity fragrance. Name, Mrs. Sarah Yeats.

JOHN YOUNG, Sec'y.

October 7, 1916.

Indiana-Kentucky Florists' Joint Meeting.

The joint meeting of the State Florists' Association of Indiana and the Kentucky Society of Florists, will open October 17 at the establishment of Anders Rasmussen, 1108 Vincennes street, New Albany, Ind. The business session will follow a buffet luncheon and will be called to order at 2 p. m., after which the party will be taken for an automobile ride through New Albany and Louisville. A banquet has been arranged at the Henry Watterston hotel, Louisville, that evening, at which the visitors will be formally welcomed by President Kleinstark of the Kentucky society, followed by President W. J. Vesey, Jr., of the Indiana association, after which the following toasts will be responded to: "Our Honored Guests," William Mann, Kentucky; "Goodfellowship," W. W. Coles, Indiana; "The Ladies," August R. Baumer, Kentucky; "The S. A. F.," Irwin Bertermann, Indiana. Anders Rasmussen will preside as toastmaster.

Wednesday, the second day of the meeting, will be given over entirely to a programme of entertainment. There will be bowling contests in the forenoon with a luncheon served on the alleys at noon. At 1:30 p. m. special cars will leave the Interurban station between Third and Fourth streets for the establishment of the William

Walker Co., Ormsby, Ky., where the afternoon will be spent in looking over the plant and in games of various kinds.

The Indiana florists will go to New Albany via the Pennsylvania Railroad on the train leaving Indianapolis at 7:45 a. m. Tuesday, October 17.

Azalea Shipments from Belgium.

In regard to deliveries of azaleas coming from Belgium this fall, McHutchison & Co., New York, have written their customers as follows, under date of October 3:

"The prospects have become more favorable. We now know definitely that at least some shipments will come—perhaps all of them. Several hundred cases are already in transit from Rotterdam on S. S. Ryndam. Of course we cannot tell which orders the shipments contain until the shipping documents arrive. You doubtless realize the difficulty of getting these shipments or definite information concerning them, but, sit tight and don't rock the boat, and please do not ask us to make changes in your order for Belgium stock. A moment's reflection will convince you that this cannot be done now."

American Rose Society.

The American Rose Society has received applications for rose test gardens in the states of Washington and Texas. The interest that has been aroused in this line seems to be going country wide, and indicates better trade for rose growers.

This year there has been a marked increase in the number of associate members. The present membership of the society exceeds 400, not including life members.

There will be a meeting of the executive committee shortly at which matters of decided interest will be taken up. Twenty-eight members have subscribed to the fund for the investigation of "black spot."

BENJAMIN HAMMOND, Sec'y.

The Late Andrew Bather.

Andrew Bather, well-known florist of Clinton, Ia., and a highly respected pioneer resident of that city, died at his home there October 5, aged 76 years.

He was born in Manchester, Eng., in 1840, but came to American when nine years old, locating first at Albany, N. Y., but moved to Clinton in 1857 and founded the extensive florist business in which he was actively engaged up to the time of his death. He assisted greatly in the early growth of the city, helped lay out many of its streets and in the platting of many parts of it. He was also actively interested in every phase of progress in the life of the city, state and country. He was known by all as a man of noble character and high ideals, and his upright and honorable life won for him the greatest respect of all with whom he came in contact.

Surviving him are his widow, Charlotte Alice Bather, two sons, Leo and Ralph, and three daughters, Mrs. Arthur Burdick and the Misses Agnes and Edith Bather. The funeral services held Sunday, October 8, were largely attended, hundreds of friends and citizens paying final tribute to the memory of one of the city's most respected residents.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—In first-class retail store. Well educated young man. At salesman, good designer and decorator; some experience in seed business. Address
FLORIST, 822 Marion St., Elkhart, Ind.

Situation Wanted—On private or commercial place; 15 years experience in all branches in and out doors. Capable of taking charge. Single, age 31.
LUCIEN LE CLERE,
1112 Church St., St. Joseph, Mo.

Situation Wanted—Expert gardener seeks engagement on first-class estate. All references. Good wages expected in return for guaranteed results. Address
Key 702, care American Florist.

Situation Wanted—By single man, age 27; 12 years' experience as gardener and florist; also decorator. Private place preferred. Best references, private and commercial. Address
Key 684, care American Florist.

Situation Wanted—By expert carnation grower; long years' experience in scientific growing of carnations, roses and 'mums; first-class propagator; middle age, temperate and good worker. Address
Key 704, care American Florist.

Situation Wanted—As working foreman on big commercial place growing roses and carnations; life long experience and scientific practice; can handle men; sober and industrious; good references. Address
Key 705, care American Florist.

Situation Wanted—Young man 26 married; thoroughly competent grower; carnations, chrysanthemums, pot plants. A 1 designer; reference as to character and ability.
EARLE FORTNEY,
1026 Carleton St., Fairmont, West Va.

Situation Wanted—Designer with executive ability and experience in growing desires responsible position; experience and credentials that assure results. Ohio preferred but will consider good proposition; young married; a hustler. Address
Key 710, care American Florist.

Situation Wanted—Horticulturist seeks engagement. Scientific and practical experience in raising vegetables in and out of doors; greenhouse management; bush fruits, tree surgery and cut flowers; good wages expected for guaranteed results on large scale; references, married, 32, one child. Address
B., Box 35, Pomfret Center, Conn.

Help Wanted—Young men, 17 to 19 years of age, to work in rose houses, at \$30.00 to \$35.00 per month. Apply
POEHLHANN BROS. Co.,
Plant B, Morton Grove, Ill.

Help Wanted—Two good rose growers for modern plant in Illinois; state wages, experience and enclose references in first letter. Address
Key 693, care American Florist.

Help Wanted—Good salesman and designer for Chicago retail store. Must come well recommended.

THE ROSERY FLORIST, 6772 N. Clark St.,
Phone, Rogers Park 4477. Chicago.

Help Wanted—At once, good gardener, must have experience in planting and care of trees and shrubs. References.
SWAIN NELSON & SONS' Co.,
940 Marquette Bldg., Chicago.

Help Wanted—At once, a young man with technical knowledge of general nursery stock and experience in making quick planting plans. This position offers a good future. Address
Key 687, care American Florist.

For Rent—Greenhouse for rent 8,000 feet of glass, shed, living house. Rent, \$32.00 per month. Stock, \$400. 10 miles from Chicago loop.
Key 691, care American Florist

For Sale—Chicago flower store on prominent north side street. Good opportunity for live florist.
A. C. KOHLBRAND,
174 North Wabash Avenue, Chicago.

For Sale—Established flower store in Loop. Long lease, low rent, owner cannot give attention to business. Small amount cash required. This a gold mine for a live florist. Address
Key 706, care American Florist.

For Sale—High class flower store, with small greenhouse; located near Chicago; doing good business; reason for selling, wish to retire; \$1000 cash, balance on reasonable terms. Address
Key 703, care American Florist.

For Sale—Carnation support. "Common Sense," 3000 stakes and 9000 rings, \$16.00 per 100. These supports have been used about two seasons and some are new. Cash.
LA CROSSE FLORAL CO., La Crosse, Wis.

For Sale—Owing to the fact that my store in the Palmer House needs my personal attention, I will sell my new place in the Edgewater Beach Hotel, Chicago, to some responsible party at very reasonable terms. Big bargain for a live wire. Act quick.
JOHN MANGEL,
17 East Monroe St., Chicago, Ill.

For Sale—Old established florist business three greenhouses attached. \$2,500; nothing for good will; stock of plants, implements, horse, wagons, fixtures and supplies will invoice the amount; near hotels and large theatres. 15 minutes from loop.
GEORGE C. WAGNER,
3116 Indiana Ave., Chicago.

For Sale or Rent—Cheap; 7000 feet of glass, planted to chrysanthemums, carnations and sweet peas. Houses are new, 60 miles from Spokane, Wash. Present owner does not understand business. Doing good business. Address
Key 712, care American Florist.

For Sale or Rent—On easy terms a most prosperous florist's business in this fast growing city. This is a snap, and if you are wise, you will look into it. Particulars and terms by appointment; apply at Room 23 in the Mack Block, S. W. corner East Water and Wisconsin Streets, Milwaukee, Wis., or address
FRED L. HAHN, 1081 Eleventh St.,
Milwaukee, Wis.

FOR RENT

Greenhouse, 6,000 feet of glass; store, living rooms; all electric lighted. Or will sell on easy payments. Located in South Chicago. Apply to
OSCAR METZ,
5525 Harper Ave., Chicago

Experienced Seedsman Wanted.

We have position for experienced seedsman capable of managing mail order business. No amateurs need apply. Give name of last employer and experience. Address
Key 707, care American Florist.

HELP WANTED

A wholesale storeman who understands the out-of-town trade and can get growers. Applicant must have Chicago market experience and come well recommended.

SINNER BROS.

158 North Wabash Avenue, CHICAGO

WANTED Two Rose Growers

Joseph Heacock Co.
WYNCOTE, PA.

WANTED NIGHT FIREMAN

Good wages to the right party. Apply

SINNER BROS.

158 N. Wabash Ave., CHICAGO

Florists' Auto Truck For Sale.

Fine, newly painted, 1916 model, Studebaker 3/4-ton, panel body truck for florists' business. Equipped with electric starter and lights, heating system, sides lined shelving, and front partitioned. Has been in use but six months and is in fine running condition.

Special Auto Delivery Service,
4835 Kenmore Ave., CHICAGO.

Situation Wanted

By an all-round practical man, with 18 years' experience in growing, designing, decorating and salesmanship; married and American-born. Address
Key 711, care American Florist.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

NEW EDITION—Issued August, 1916.

TRADE DIRECTORY

Florists, Nurserymen and Seedsman

OF THE

UNITED STATES AND CANADA.

Price \$3.00, Postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

New York Florists' Club.

The monthly meeting of the club was held in the Grand Opera House building on the night of October 9, with a large attendance. Appropriate memorials were read and adopted relating to the deaths of Wm. F. Kastling and William Tricker. Winfried Rolker, Clifford Lowther and Henry Schmidt were received as members, all being present and making appropriate remarks. Julius Winkler, of Hackensack, N. J., and E. Allan Peirce, of Waltham, Mass., were proposed for membership.

Secretary Young made a comprehensive statement relating to the next convention of the S. A. F., which will be held in this city. He spoke of the convention garden, which will be under the direction of Dr. Britton, of Bronx Park Botanical Garden, which is assurance that everything will be well managed. Secretary Young closed his address by saying that he believed the delegates to the convention of 1917 would be entertained in a manner worthy of New York, and he was loudly applauded.

It was announced that all arrangements have been perfected for the spring flower show, which is expected to be a record breaker. John G. Esler, J. A. Manda, P. W. Popp and W. A. Manda entertained the club with interesting remarks relating to the convention.

The exhibits were very fine. Frank Dinda, Farmingdale, L. I., showed 12 blooms of the pink chrysanthemum, Alexander Guttman, a very fine production. He was awarded a cultural certificate. Other exhibits were, the yellow chrysanthemum, October King and French varieties, by C. H. Totty; a red seedling dahlia by Chas. Weber, Lynbrook, N. Y., and mixed varieties of fine dahlias by P. W. Popp, Mamaroneck, N. Y. All the exhibits were highly commended.

It was decided to make the November meeting a "ladies' night," and a committee was appointed to make all necessary arrangements. A. F. F.

St. Louis, Mo.

BUSINESS NORMAL.

Business, which has been very good, returned to the mid-season level, following the close of the Veiled Prophet festivities. Unusually warm weather has hurt trade somewhat, but a good demand was noticeable the first part of the week, and while stock was scarce, the quality was very good. American Beauty is among the leaders in popularity and sells at from \$1.50 to \$3 per dozen. Among the tea roses, good stock is to be had in Ophelia, Killarney Brilliant, Ward, Russell, Richmond and Hadley, prices ranging from \$3 to \$15 per 100. Lilies meet with a good call, but are in limited supply. They sell at \$12.50 per 100. The following are included in the miscellaneous offerings: Dahlias, gladioli, bachelor buttons and zinnias, all of which are bringing fair prices. Greens are none too plentiful and clean up quickly.

NOTES.

The October meeting of the retail florists' association, which was held last week, was attended by 36 members. President Charles A. Young was in the chair and important business was disposed of. Frank X. Gorly, chairman of the membership committee, reports the enrollment of 32 new names.

The St. Louis Wholesale Cut Flower Co. opened for business September 25 at 1410 Pine street. David Geddes, manager of the cut flower department, reports excellent business. Over 5,000 lily of the valley and 350 orchids

were supplied by this firm for the Veiled Prophet ball.

Wm. C. Smith, of W. C. Smith Wholesale Floral Co., Inc., says that Hauser dahlias, due to the exceptionally fine quality of the flowers, never brought higher prices than they did this year.

The south end florists report good business, the demand for funeral work being especially brisk. At the establishments of Windler and the Schoenle Floral Co. excellent window displays were seen.

J. F. Ammann & Co., who consign their cut to C. A. Kuehn, 1312 Pine street, are sending in some exceptionally fine roses, Ophelia and Mock being the best seen in this market.

Mullanphy, Florists, Grimm & Gorly, Miss M. S. Newman and Walbart, The Florist, report a busy three days the early part of the week, but the general daily average is only fair.

Harry Trafton, for the past eight years bookkeeper for Grimm & Gorly, will be married this month to Miss Gertrude Groshek.

Henry Berning is receiving very fine stock of American Beauty and reports satisfactory sales.

Fred Foster has moved from the Burlington building to 703 Oliver street.

Visitor: Martin Reukauf, of H. Bayersdorfer & Co., Philadelphia, Pa.

X. Y. Z.

Pittsburgh.

TRADE IN GENERAL SATISFACTORY.

Warm weather during the past week had a tendency to affect trade unfavorably, but sales have been good, everything considered. Roses are plentiful, and as the weather has not been favorable for keeping, they sold at low figures. Lilies are scarce and chrysanthemums are also limited in supply. Some few of the latter are to be had and Smith's Advance, Unaka and Golden Glow are beginning to arrive. Carnations are not to be had in quantity, but what few there are show good quality. American Beauty roses are very plentiful. Smilax is scarce, but the demand is light. Dahlias are still good and the call for them is steady.

NOTES.

Ted Joyce is going to Shadow Lawn, October 14, to celebrate "Pennsylvania day" in honor of President Wilson. He arranged several fine baskets and bunches for the new postmaster here, who took office October 2.

E. P. Hostetter and wife of Mannheim, Pa., visited the trade here last week and made a trip to the Pittsburgh Cut Flower Co.'s range at Bakerstown and the McCallum Co.'s greenhouses.

E. C. Ludwig and family are attending the wedding of their son, DeForest W., and Miss Irene Collins at Myersdale, Pa. The young couple will spend their honeymoon in California.

C. Godwin & Son, of Bridgeville, who usually have the first chrysanthemums on the market, are sending some fancy stock to the Pittsburgh Cut Flower Co.

S. G. Hardy, who has been on a motor trip to visit friends in Indiana, stopped off here, returning to his home in Independence, West Va.

Peter Hopman of New Galilee, Pa., is cutting some excellent chrysanthemums which find a ready sale at the McCallum Co.

Max Schrieber of McDonald, Pa., is cutting good Golden Glow chrysanthemums.

Visitors: A. S. Gray, Chickasha, Okla.; John Neil, East Liverpool, O.; Mr. Campbell, Beaver Falls, Pa.; J. N. Spinnable and son, East Palestine, O., and Adolph Kneppers, Steubenville, O.

M. C.

Indianapolis, Ind.

CELEBRATION BIG FACTOR OF WEEK.

With ideal weather for the celebration of Indiana's centennial, business received quite an impetus, many of the floats in the pageants being decorated with natural flowers and the numerous visitors in the city helped counter trade. Roses, while apparently abundant, clean up daily at prices ranging from two to six cents. A few selects are to be had at from seven to eight cents. Some unusually fine Radiance have made their appearance and meet with ready sale. Carnations of good quality, but with medium length stems, move well at two and one-half and three cents—remarkable prices for this stock as compared with other years. The chrysanthemum situation has not loosened up as quickly as was expected. The sales are good, but prices continue high. The scarcity of lilies continues. Lily of the valley is in great demand but is not obtainable in quantity. A few orchids of good quality are to be had and a limited number of good violets made their appearance this week. Short snapdragons are more plentiful. Buddleia Asiatica and gladioli are still hanging on. Smilax is beginning to arrive at 20 cents per string, but other greens are plentiful.

NOTES.

Members of the State Florists' Association of Indiana who will attend the joint meeting of the association and the Society of Kentucky Florists to be held at New Albany and Louisville, October 17-18, will go to New Albany via the Pennsylvania Railroad, the train leaving this city Tuesday, October 17, at 7:20 a. m. An outline of the programme of the two days' session will be found elsewhere in this issue.

Some exceptionally fine funeral design work has been sent out this week. A large broken automobile wheel reflected credit on the Pahud Floral Co.'s staff, while a very artistic blanket arranged by Edwin E. Temperly was noteworthy.

Mrs. Minnie Parks, who conducted a stand in the Tomlinson flower market, died at her home in this city, October 2, aged 42 years. She had been ill but a short time. A husband and one son survive her.

At Edwin E. Temperly's establishment an exceptionally fine line of pot plants, splendidly displayed, are a feature, among them being begonias, Jerusalem cherries and Roosevelt and Boston ferns.

Ed. Brown of Shelbyville, Ind., a recent visitor to this city, reports all of the florists there are enjoying good business. He mentioned the new store of Ed. Morner as being quite a success.

M. Bailliff, formerly with E. G. Hill Floral Co., is now with A. Wiegand & Sons Co. Claude Griffith is now with the Hensley Flower Shop.

Baur & Steinkamp are cutting quite a number of good carnations. Their new variety, Merry Christmas, looks especially promising.

A new flower shop will be opened in the near future in the Circle theatre and will be under the management of A. P. Reynolds.

George Wiegand, who recently underwent an operation at a local hospital, has returned to business, much improved.

Hartje & Elder have a very promising violet crop from which they have started cutting.

Henry Rieman has purchased a tract of seven lots upon which he will grow summer flowers.

The warm weather has given the Hoosier Floral Co. a good crop of late gladioli.

John Grande has been cutting some very good pink chrysanthemums.

M. E. T.

To Seedsmen and Florists

Three Quick Sellers for Your October Counter Trade.

NARCISSUS

PAPER WHITE
GRANDIFLORA

A few cases only:
13 cm. and up.

WRITE FOR PRICES.

DARWIN TULIPS

IN QUANTITY. GRAND BEDDERS.

Special Prices on a few leaders

in Dutch Bulbs Now in Stock.

"Joss" LILIES.

(CHINESE
NARCISSUS)

At Chicago

PER MAT (120
BULBS) - \$5.00

(At N. Y. City, \$6.00.)

Write for prices on larger lots.

HYACINTHS

Named Hyacinths, 1st size, our selection (bought by our own traveler).....	Per 1000	\$37.00
Named Hyacinths, 2nd size, our selection (bought by our own traveler).....		27.00
Miniature, our selection (bought by our own traveler).....		12.50

TULIPS—Single Named

Ia Reine	Per 1000	\$ 7.00	Rose Gris de Lin.....	Per 1000	\$ 7.50	Duchess de Parma.....	Per 1000	\$ 9.50
Artus.....	6.50	Keizerskroon.....	12.00	Fine Mixed Single.....	6.00			
Belle Alliance.....	10.00	Yellow Prince.....	8.65	Couronne d'Or (double).....	14.50			
L'Immaculee.....	8.50	Proserpine.....	18.00	Murillo (double).....	10.00			
Cottage Maid.....	8.25	Couleur Cardinal.....	14.50	Cramoisi Brilliant (Parrot).....	8.00			

TULIPS—Darwins

Pride of Haarlem.....	Per 1000	\$12.50	Baron de La Tonnaye.....	Per 1000	\$10.00	Europe.....	Per 1000	\$15.00
Gesneriana Spathulata.....	9.50	Flambeau.....	13.50	Sultan.....	10.00			

NARCISSUS

Von Sion, Double Nose.....	Per 1000	\$18.50	Golden Spur, 1st size.....	Per 1000	\$12.00	French Trumpet Major, Early.....	Per 1000	\$12.50
Alba Plena Odorata.....	7.50	Victoria, 1st size.....	12.50	French Grand Soleil d'Or, 1,000 to case.....	25.00			
Princes, 1st size.....	6.50	Poeticus Elvira.....	13.00					



Lilium Formosum

6 to 8-inch, regular strain.....	Per 1000	\$ 35.00
6 to 8-inch (350 to case).....		40.00
7 to 9-inch (250 to case).....		58.00
10 to 12-inch (100 to case), per case, \$12.00.....		100.00

VAUGHAN'S SEED STORE
CHICAGO NEW YORK



Columbus.

SHORTAGE EXCEPT IN ROSES.

There is a little lull in the trade just now, as compared with a few weeks past, but nothing that approaches a slump. In everything except roses there is more or less shortage. The large variety of roses, as well as the plentiful supply, gives attractiveness to florists' displays. Prices, aside from occasional bargain sales, vary from \$1.50 upward. American Beauty is less luxuriant than any of the rose family now in stock. Much of the supply is confined to buds. Prices are \$2 and upward. Pink and lavender chrysanthemums have taken their places with the white and yellow. Cuttings of all colors are limited as yet, and the price range is from \$2 to \$3. Carnations, selling for 50 and 60 cents a dozen, have been held back by unfavorable weather, and stems are small. Lily of the valley is short crop and brings the unusual price, for this market, of six and seven cents a stem. Continued warmth and the holding off of frosts have prolonged the season for outdoor flowers, but the end has about been reached. Asters and dahlias are done.

There are still some gladioli, cuttings being mostly confined to red.

NOTES.

One of this city's modern greenhouse plants is to be wrecked. The owner, J. B. Woolman, accepted a tempting offer for the ground, consisting of 11 acres, from the Big Four railway company, which wanted it for yard-extension purposes. Another factor entering into the sale is the fact that Mr. Woolman goes south every winter for health reasons, and wished to retire from the trade. The buildings comprise some 25,000 feet of glass, which he hopes to dispose of to other florists. The cost of their removal is estimated at \$2,000. He will retain possession of the property until next June, but desires to lease the premises to someone until that time. The plant has been in existence only a few years. Mr. Woolman expects to engage in the real estate business in this city.

The Livingston Seed Company has been forced to forego its annual dahlia show this season, which has become a local institution. Lack of stock is the reason. A year ago 65 varieties were displayed. In view of this omission, more than usual effort will be made

WANTED

Strong, field-grown Foxgloves, Col-
umbines and Canterbury Bells to color.
State size and prices per 1000 to the

Superintendent, Walden, Lake Forest, Ill.

Mention the American Florist when writing

for the company's yearly chrysanthemum show, booked for Thanksgiving time. J.

PITTSBURGH, PA.—A flower shop has been opened at 902 Federal street, North side, under the management of Albert Brigg.

BOSTON, MASS.—The Boston Retail Florists' Club at its annual meeting, October 4, elected the following officers: Henry R. Comley, president; Samuel Wax, vice-president; Julius A. Zinn, treasurer; Harry Quint, secretary. The directors are: Henry Penn, chairman; Nathan Silvermann, Henry Comley, Julius A. Zinn, Martin Tuohy and Martin Wax.

The Florists' Supply House of America

Bayersdorfer's Baskets Are Best

Best because made of the best materials, made in the best style, painted with the best colors and tints. A stock of these insures the best business.

Try a line of our new Vase Baskets with high handles, all have containers, they are ideal in their graceful shapes and very practical. You will find them great sellers.

Miniature Japanese Flower Floats, small shallow bowls with fish holders, come in four colors, \$15.00 per 100.

Moss Wreaths, all sizes; **Magnolia Leaves**, green, brown, red and purple, in cartons and in bulk.

Imported Lace Bridal Bouquet Holders, all sizes and colors, fine for colonial bouquets.

Send for our new Folder for 1916-17 season.

H. BAYERSDORFER & CO.,
1129 ARCH STREET, PHILADELPHIA, PA.

Milwaukee.

WARM WEATHER AIDS SUPPLY.

The exceptionally warm weather last week helped to hasten the crops under glass, thus making it possible to do a little more justice to the ever increasing shipping orders, as well as the local demand, which is very satisfactory. Roses are plentiful. While the supply of carnations is increasing from day to day there are not enough to go around. A few pink chrysanthemums made their debut last week, and from present indications there will be a goodly number ready to cut when these lines reach the reader. Single and double violets can also be had in limited quantities from now on.

NOTES.

October 6, Fred Holton, Nic Zweifel, G. Pohl, W. R. Schroeder, A. McDonauld, and the writer, left the Holton & Hunkel store at 10 a. m. for a pleasure and business trip per auto. The first stop was at Otto Sylvester & Son's, Oconomowoc, where we found everybody busy trying to catch up. They specialize in carnations, and although the plants had suffered severely in the field, they are now coming along nicely with a good cut in sight. As usual we enjoyed the famed Sylvester hospitality, which is accorded all visitors. In less than an hour's run we landed at Alb. Loeffler's in Watertown, who specializes in double violets and their stock looks clean and thrifty. They were just bunching when we arrived. A house of chrysanthemums, to be followed by single violets, showed good culture. One house had been seeded to sweet peas a week before. The next stop was at Loeffler & Benke's, where a large house, 30x200 feet, in which tomatoes were grown all summer, produced about 8,000 pounds of fruit, which, owing to scarcity of outdoor tomatoes, brought a good price. The house now, with the exception of two benches, which are planted with single violets, are sown with sweet peas. The other houses about a block away are devoted to double violets, chrysanthemums, carnations and sweet peas, the latter being about a foot high. All the stock looks very promising. On the

way home, we passed the flower store of the Waukesha Floral Co. and we compliment this firm on the neat appearance and good impression it made on all of us. Neither pen nor words can describe the beautiful effects of the country in its autumnal dress, or the high spirits, which prevailed during the outing.

An auto party consisting of Gust Rusch, D. Darenthal, Wm. Zimmermann and three friends on October 6 took a run west, the first growers visited being Behnke Bros. at Watertown, Wis. While the rest of the party were still in the greenhouses, Wm. Zimmermann took to the outside. While roaming around he ran across a big hound, who was chained and apparently harmless. He was just about to take a bite of a tomato, while petting the dog, when the latter got busy, inflicting several painful wounds about his face. This completely upset the whole programme and it was a matter of getting Will to Milwaukee as quickly as possible. We can report at this time that no serious results are expected to follow.

G. F. Baerman, who had rented 60 acres around his greenhouses, says that this land has all been laid out in lots and most of them sold up to this time. He will now have to get busy to erect a dwelling; also, a barn on his own property as he must vacate the other place by spring.

Fred Rentchler, of Madison, Wis., and John Muno, Chicago, were trade visitors last week. Adam Zender, of Chicago, who has been taking the baths at Waukesha, Wis., stopped off here on his way home October 7.

While they are always busy at the C. C. Pollworth Co., "the arrival and dispatching of bulbs always adds a little bit more trouble to what we have," to use the words of C. C. P.

The A. F. Kellner Co. says that business has been fine right along, even during the summer months, and in order to keep up from now on they have acquired a Ford roadster.

"Wedding bells" are soon to ring for the benefit of Roy Currie, of Currie Bros. Co., and also for Frank Sylves-

ter, who is with the J. M. Fox & Son cut flower department.

The first single violets to arrive from the Heitman-Oestreicher Co. were cut October 1. Carnations, with them, are coming right along now.

Kamp & Spinti cut their first chrysanthemums last week.

E. O.

Cleveland.

OUTDOOR STOCK STILL PLENTIFUL.

Frost during the past week put the outdoor flowers "out of the running" temporarily, but they are again very much in evidence. Dahlias, asters, gladioli, larkspurs, gaillardias, strawflowers, scabiosas, marigolds, snapdragons, tritomas and calendulas continue to be part of the daily receipts. Carnations are still scarce and of short stem. Lily of the valley is listed among the items of limited supply, but a small quantity of swainsona arrives to take its place in the cheaper priced bouquets. A few Japanese lilies are to be seen, both long and short stems, and meet with a good demand. Roses are becoming more plentiful. Good Mock, Rhea Reid and Lady Pierre are popular and the quality is very good. All grades of American Beauty find favor and the stock is fine. Kaiserin, Killarney, Sunburst and Hadley are also good sellers. Chrysanthemums clean up daily, among the better varieties being Chrysolora, Crocker, Unaka and Golden Glow. Some pompons, principally yellow, are also seen. Greens are plentiful.

The J. M. Gasser Co. has put on a Ford delivery car at its wholesale establishment. Peter Michaels, The Arcade Florist, has also put a Ford into service at his place.

Visitors: Martin Reukauf, representing H. Bayersdorfer & Co., Philadelphia, Pa.; G. A. Karper, Ashland, O.
 C. F. B.

NASHVILLE, TENN.—The annual meeting and exhibition of the Tennessee State Florists' Association will be held in this city during the last week of January, 1917. Professor G. M. Bentley, Knoxville, is secretary.

Bulbs and Boxwood at Auction

Mammoth shipments offered each **TUESDAY** and **FRIDAY** at 10 o'clock a. m.

ALSO LOCAL CONSIGNMENTS OF

Palms, Ferns, Dracaenas, Rubbers, Etc.

To be offered in lots to suit the large and small buyer. Send for Weekly Catalogue.

The MacNiff Horticultural Company

52 to 56 Vesey Street, NEW YORK

The Largest Horticultural Salesrooms in the World

Mention the American Florist when writing

Kansas City, Mo.

SHORT SUPPLY LIMITS SALES.

The supply of stock continues limited, roses, which are the principal offering, wholesaling at \$5 per 100 and up and the quality is good. Ophelia takes the lead in quantity with the Killarneys next in number. There are also good Richmond, Ward, Sunburst and American Beauty. Carnations are more plentiful with better flowers and longer stems. Chrysanthemums are also arriving and are to be had in yellow, white and pink. Lilies, since the appearance of the chrysanthemums, are about off the market. Dahlias are still to be seen. All florists report a steady increase in business. Funeral work has been good and orders for weddings are numerous.

NOTES.

A visit to the growing establishments in this city and vicinity shows stock to be in fine condition. Stevens Greenhouses have carnations that cannot be improved upon. The cut averages about 300 per day. Chrysanthemums here are also looking fine. The force is busy planting bulbs at present. Jacob Hepting has a fine showing of carnations and his chrysanthemums look promising. Adolph D. Mohr's establishment is always an interesting place. At present he has the finest stock of Begonias Lorraine and Cincinnati ever seen in this city. His cyclamen and poinsettias are also in fine shape and he has good blocks of chrysanthemums and snapdragons. Nelson Jarrett is completing a new house and getting ready for winter business. His chrysanthemums are looking well. The Elmhurst Nurseries at Rosedale have everything in splendid shape. They are cutting dahlias in quantity. The Rosery is showing good pot and bench chrysanthemums; also a good line of cyclamens, Begonia luminosa and carnations heavy with buds. Carnations are showing color at A. F. Barbe's range. He also has a house of benched ferns that are worth seeing. Other stocks including snapdragons, stevias and roses are coming along fine. August Luther has his stock in excellent shape and will be prepared for the good trade which he anticipates. Boyd's Greenhouses have a good line of peppers and chrysanthemums.

H. Kusik & Co. and T. J. Noll & Co., wholesalers, both report a heavy demand with the supply insufficient to meet all requirements. Ophelia, Rich-

mond, Sunburst, the Killarneys and American Beauty roses, take the lead in the stock on hand. Chrysanthemums are becoming more plentiful and carnations are beginning to arrive. The supply business is on the increase.

In the floricultural department at the state fair, the Archias Floral Co. and the State Fair Floral Co., both of Sedalia, were the principal prize winners. Lack of other competition characterized the exhibition, but the displays of these firms were most creditable.

W. J. Barnes has fine stock in both bench and pot chrysanthemums and has already started cutting. His stevias, carnations, cyclamens and Lorraine and Luminosa begonias are all in excellent condition, showing good culture.

Ed. Humfeld has his stock, as usual, in excellent condition. Chrysanthemums and pink snapdragons are noteworthy features here.

M. H. Smith is now located in his new store in the Benton theater building, and looks forward to good business.

E. J. B.

OGDEN, UTAH.—The Weber Floral Co. has completed an addition 36x100 feet at its range which now contains 10,000 feet of glass.

Beechwood Heights Nurseries

THOMAS YOUNG, Jr., Proprietor

BOUND BROOK, - N. J.

Cut Flowers of all the leading varieties of

Orchids in their Season

also

Gardenias and Roses

Telephone, Bound Brook 74

Mention the American Florist when writing

**For Plants and Cuttings Get
Our Prices Before Ordering
Elsewhere.**

Asparagus	Dracaena
Begonias	Ferns
Bulbs	Geraniums
Calceolaria	Hydrangeas
Calendula	Primula
Cineraria	Smilax
Cyclamen	Snapdragons
Daisies	Violets

Our guarantee with every order.

Write for a copy of our latest Plant Bulletin.

S. S. PENNOCK-MEEHAN COMPANY
PHILADELPHIA, 1608-1612 Ludlow St.
BALTIMORE, Franklin and St. Paul Sts.
WASHINGTON, D. C., 1216 H St., N. W.
NEW YORK, 117 W. 28th St.



BOSTON, MASS.—The Boston Flower Exchange, Inc., has declared a dividend of 20 per cent.

TORONTO, ONT.—Weddings will play an important part in the local trade during October, many good orders being already booked. Stock in general is becoming more plentiful and the quality is showing improvement. Excellent fall business is anticipated.



Our goods speak for us. Every florist who has ordered goods from us has sent us repeat orders. QUALITY GOODS HAVE MADE US FAMOUS.

BOXWOOD AND WINTERBERRIES

We mention these this early to remind you to place your order in advance, the earlier the better. Write us for quotations on large quantities.

Wild Smilax, Leucothoe, Mexican Ivy, Ferns
Farleyense, extra fancy, also Fancy Hybridum supplied on short notice.

CURRENT PRICE LIST—In Effect Now.

AMERICAN BEAUTIES.	
	Per doz.
Long	\$4.00 to \$5.00
30-inch	3.00
24-inch	2.50
20-inch	2.00
Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00.	

OPHELIA, RICHMOND, MILADY, SUNBURST, KILLARNEY BRILLIANT, KILLARNEY, WHITE KILLARNEY, WARD.	
	Per 100
Long	\$8.00
Medium	\$4.00 to 6.00
Short	3.00

MRS. CHAS. RUSSELL.	
	Per 100
36 inches long	\$20.00
30 inches long	18.00
24 inches long	15.00
18 to 20 inches long	12.00
14 to 16 inches long	8.00
Short	\$4.00 to 6.00

MINIATURE ROSES.	
	per 100, \$2.00
Cecile Brunner	per 100, 2.00
Fireflame	per 100, 2.00
Baby Doll	per 100, 2.00
George Elgar	per 100, 2.00

MISCELLANEOUS CUT FLOWERS. Per	
Lilies	\$1.00 per doz.
Gypsophila	\$1.00 per doz.
CATTLEYAS	per doz., \$9.00 to \$12.00
VALLEY	\$4.00, \$5.00, \$6.00 per doz.
CARNATIONS	\$3.00 to \$4.00
GREEN GOODS.	
Mexican Ivy	\$2.00 to \$3.00
Sprenger and Asparagus Sprays	per 1,000, \$1.50
Galax (bronze and green)	per 1,000, 2.00
New flat ferns	per case, 6.00
Wild smilax	per case, 7.50
Boxwood	25c per bunch, per case, 7.50
FANCY CUT FERNS.	
Farleyense	\$8.00 to \$12.00
Hybridum	per 100, 7.50 to 10.00
Adiantum .....	.75 to 1.00

SUPPLY DEPARTMENT



CORSAGE TIES

New and Novel.

VIOLET FIBRE PAPER

24-inch, per lb., 10 cents.

Immortelles

Ruscus

Magnolia Wreaths

Waxed Roses

Oak Leaves

Oak Sprays

Look for our Fall Circular mailed last week. If you don't get it, write for one.

Made-up Wreaths for All Saints' Day
50 Cents to \$1.00 Each. SATISFACTION GUARANTEED.

POEHLMAN

72-74 E. Randolph St.,

Kentias Western Kentias Headquarters

Largest and most complete stock offered in the West, in a healthy, strong and clean condition.

All previous prices quoted on Palms are hereby cancelled.

KENTIA FORSTERIANA SINGLE PLANTS.

Leaves	Each
6 inch pots 5-6 28 inches high... \$ 1.25	
6 inch pots 6-7 32-34 inches high... 1.50	
6 inch pots 6-7 34-36 inches high... 2.00	
8 inch tubs 6-7 40-42 inches high... 3.50	
8 inch tubs 6-7 42-46 inches high... 4.00	
8 inch tubs 6-7 50 inches high... 5.00	
9 inch tubs 6-7 52-56 inches high hv 7.00	
10 inch tubs 6-7 60 inches high... 8.00	
10 inch tubs 6-7 60-65 inches high... 12.00	
15 inch tubs 6-7 8 feet high... 40.00	
15 inch tubs 6-7 9-10 feet high... 50.00	

KENTIA BELMOREANA SINGLE PLANTS.

Leaves	Each
2 1/4 inch pots 4 \$1.50 per doz., \$12 per 100	
ins. high Per Doz.	
4 inch pots 5-6 16-18 45c each \$5.00	
3 inch pots 5-6 24 each 1.25	
3 inch pots 5-6 28 each 1.50	
3 inch tubs 5-6 42 each 5.00	
Specimen plants, 15 inch tubs, \$75.00 each.	



KENTIA FORSTERIANA MADE UP PLANTS.

Plants	Each
6 inch pots 3 26-28 inches high..... \$ 2.00	
7 inch tubs 3 30-32 inches high..... 2.50	
8 inch tubs 3 38 inches high..... 4.00	
8 inch tubs 4 48-50 inches high..... 5.00	
9 inch tubs 4 52 inches high..... 6.00	
10 inch tubs 4 54 inches high..... 8.00	
12 inch tubs 4 60-64 inches high..... 12.00	
12 inch tubs 4 66 inches high..... 15.00	
15 inch tubs 4 6-6 1/2 ft. high, heavy.. 25.00	
15 inch tubs 4 75-80 inches high..... 30.00	

ARECA LUTESCENS.

Plants	Each
6 inch pots 4 bushy, 24-26 inches high. \$1.25	

ASPIDISTRAS.

5 inch pots 10-12 leaves green 1.00	
6 inch pots 16-20 leaves green 1.50	
5 inch pots 10-12 leaves var. 1.50	

10,000 POT CHRYSANTHEMUMS

A Good Supply of These Choice Plants Will Be Ready for Delivery By October 15.

FOR OCTOBER AND NOVEMBER DELIVERY

1/2-in. - 6-in. pots, 50c to 75c each; 7-in. pots, \$1.00 to \$1.50 each; larger specimens, \$2 to \$5 each

Aucaria Excelsa , 5-in. pot, . . . \$.60 each	
“ “ 6-in. pot, . . . 75c to 1.00 each	
“ “ 7-in. pot, \$1.25 to 1.50 each	
Aucaria Robusta Compacta , 6-in., . . 1.25 each	
“ “ 7-in., . . 2.00 each	
Larger specimens, \$3.00 to \$5.00 each.	
leus Emperor William , 5-in. pots, 25c to 35c each	
ndanus Veitchii , 4-in., . . \$.35 each	
“ “ 6-in., . . \$.75 to 1.00 each	
“ “ 7-in., . . 1.25 each	
“ “ 8-in., . . 2.00 each	
otons , 4-in.,40 each	
ubber Plants , 5-in., . . \$.50 to .75 each	

Asparagus Sprengeri , 3-in. pots, . . \$ 6.00 per 100	
“ “ 4-in. pots, . . 10.00 per 100	
Asparagus Plumosus , 2 1/2-in. pots, . . 3.50 per 100	
“ “ 3-in. pots, . . 7.00 per 100	
Table Ferns , 2 1/2-in. pots, . . 3.00 per 100	
“ “ 3-in. pots, . . 6.00 per 100	
“ “ 4-in. pots, . . 10.00 per 100	
Holly Ferns , 5-in. pots, . . .25 each	
Begonia Luminosa , 5-in. pots, . . .20 each	
Begonia Chatelaine , 2 1/4-in. pots, . . \$ 3.50 per 100	
“ “ 3-in., . . 8.00 per 100	
“ “ 4-in., . . 15.00 per 100	
“ “ 5-in., . . .25 each	

BOXWOODS, Bush, 15-inch, 50c each; 18-in., 60c each.

GRAFTED AND OWN ROOT ROSE PLANTS

Grafted, 3 1/2-inch Stock.
\$140.00 per 1000.

0 Pink Killarney	600 Old Gold
0 White Killarney	350 Brilliant
0 Scott Key	900 Elgar

Grafted, 2 1/2-inch Stock.
\$100.00 per 1000.

3900 White Killarney

Own Root, 3 1/2-inch Stock.
\$96.70 per 1000.

400 Pink Killarney	300 Elgar
500 White Killarney	1625 Richmond
197 Old Gold	

N BROS. CO.

Long Distance Phone, **CHICAGO, ILL.**
Randolph 35.

Chrysanthemums--Yellow and White

Large Flowers, \$2.00 to \$4.00 per dozen.

CHOICE SHIPPING ROSES

We cut our flowers tight in the bud as the majority of our trade is shipping. Flowers that are sold mostly to the city trade are allowed to open more than for the shipping trade.

NEW BEAUTIES--A very large cut now on of short and medium stems.
Good Shipping Stock.

Rhea Reid—Best red rose.

Mrs. Russell—Best pink rose.

Sunburst—Best yellow rose.

Double White Killarney—Best white rose.

Ophelia and **Shawyer**—Are also two good pink roses for present use.

These in addition to the regular varieties of Roses we are receiving in large quantities direct from our greenhouses within a few hours of being cut, enable us to fill all orders with strictly fresh stock. This is the great advantage of buying direct of the grower. Order here.

CURRENT PRICE LIST

American Beauties		Per doz.
Specials, extra long stems.....		\$4.00
30 to 36-inch stems.....		3.00
Medium stems.....	\$1.00 to	2.00
Shorter lengths.....	.50 to	.75

Hoosier Beauty, Rhea Reid, Ophelia, Sunburst, Shawyer.

	Per 100
Extra long	\$8.00 to \$10.00
Good medium.....	5.00 to 6.00
Short	3.00 to 4.00
Hoosier Beauty, special.....	\$12.00 per 100

Richmond, White and Pink Killarney Killarney Brilliant

Long.....	per 100,	\$6.00
Medium.....	"	\$4.00 to 5.00
Short	"	3.00

ROSES, our selection, in lots of 300 or more at the rate of \$25.00 per 1000.

CHRYSANTHEMUMS—Yellow and White—\$2.00 to \$4.00 per dozen.

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

Mrs. Chas. Russell.		Per 100
Special.....		\$15.00 to \$20.00
Long.....		10.00 to 12.00
Medium.....		8.00
Short.....		6.00

Cecile Brunner.....per 100, 1.50 to 2.00

CARNATIONS, indoor grown.....per 100, \$3.00

LILY OF THE VALLEY.....\$5.00 to 6.00

ASPARAGUS SPRAYS and SPRENGER.. 2.00 to 3.00

FERNS, new.....per 100, 25 cents; in lots of 1000 or more, \$2.00 per 1000.

ADIANTUM.....1.00

GALAX, bronze and green...per 1000, \$1.25 to \$1.50

BASSETT & WASHBURN

LONG DISTANCE PHONE:
CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

STOCK IS MORE PLENTIFUL.

Stock is more plentiful at this writing, but everything is cleaning up well at good prices and there is no great surplus when the wholesale stores close at night. The weather the past week has been very warm and the thermometer registered as high as 86°, Saturday, October 7, which accounts for the increased supply. Business has been good all week, especially the out-of-town demand, and the city trade is also showing a great improvement. Roses particularly are in larger supply and choice stock in all the varieties grown for the local market are obtainable in the desired quantities. Mrs. Chas. Russell and American Beauty roses are in best demand and clean up first. Ophelia and Sunburst are also having a good call. Some particularly fine Hoosier Beauty are seen, and, taken all in all, the quality of the roses in general is all that can be desired. Carnations are more plentiful and some fairly good stock is obtainable but the supply as yet is not equal to the demand. Assters are still included in the offerings and are in good demand, owing to the

WANTED

'Mums, Roses, Carnations, Etc., on consignment. Checks weekly.

M. C. GUNTERBERG, 158 N. Wabash Ave., CHICAGO, ILL.

shortage of carnations. Chrysanthemums are arriving in larger quantities in white, pink and yellow but there are plenty of buyers for all that are offered, which means a grand clean-up every day. A few pompons are coming in but the receipts are so small that no trouble is experienced in disposing of the stock. Sweet peas have made their appearance and so have home grown gardenias. Orchids are more numerous but lilies are in shorter supply and command higher prices. Lily of the valley is scarce and the better grades in some instances are selling as high as \$6.00 per 100. Home grown single and New York double violets are on the bill of fare but are not having much of a call. Gladioli are still a factor in the market and a good supply of other miscellaneous outdoor stock is included in the shipments. Daisies, mignonette and snap-

dragons are obtainable in limited quantities and are disposed of early. Green goods of all kinds are in large supply. There has been a good demand for stock in general, especially roses for the fall store openings, which has helped considerably in cleaning up the market the past week.

NOTES.

A. Vanderpoel, 4013 Colorado avenue, financial secretary of the Gardeners' and Florists' Union, No. 10615 A. F. of L., will represent his organization at the convention of the State Federation of Labor at Quincy, October 16-20.

John Huebner, Allie Zech, Fred Price, Joe Einweck and Peter Olsem represented the trade in the North Chicago Bowling League, which opened its season October 5. The Florists won one and lost two of the three games played.

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

LARGE QUANTITIES

RUSSELL--SUNBURST--OPHELIA

Beauties, Killarney, White Killarney, Champ Weiland,
Milady and other Roses mentioned in the price list below.

Fancy Lilies, Lily of the Valley and Complete Line of Greens.

Current Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems	\$4.00
36 to 48-inch stems	3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.00
Short .....	.75

	Per 100
Richmond.....	
Killarney.....	
White Killarney.....	
My Maryland.....	
Sunburst.....	
Ophelia.....	
Milady.....	
Champ Weiland.....	
Extra select	\$8.00
Select	6.00
Medium	5.00
Short	4.00

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$2.00
Select	1.50
Medium	1.00
Short	\$0.50 to .75

	Per 100
Roses, our selection.....	\$ 3.00
Carnations	2.00 to 3.00
Chrysanthemums	per doz., 3.00 to 5.00
Harrisii	12.50 to 15.00
Valley	5.00 to 6.00
Adiantum	1.00
Asparagus, per bunch.....	.50 to .75
Ferns, per 1,000	\$2.00
Galax, bronze and green, per 1,000..	1.25

—2,000,000 Feet of Modern Glass—

H. N. Bruns, E. C. Amling, John Michelson, Henry Wendland, Ernst Amling, Paul Weiss, Henry Wehrmann, Jean Damm, Herman Bruns and Harold Amling inspected French & Salm's Mrs. Chas. Russell rose factory at Union Grove, Wis., October 4. The trip was made in E. C. Amling and H. N. Bruns' Packards without mishap. A florist who passed the party on the outgoing trip thought at first he had encountered the German army rushing to Milwaukee for supplies, but when he saw the Danish prince with them he knew that he was mistaken.

Bassett & Washburn never cut a finer supply of Mrs. Chas. Russell roses than they are doing right now and they have every reason to feel proud of the stock they are offering in this variety, for the extra large heads are perfect and are carried on strong, straight stems well laden with clean, luxuriant foliage. Fred Wittbold, of the George Wittbold Co., visited the Bassett & Washburn greenhouses at Gregg's Station and Hinsdale this week and speaks in glowing terms of the fine condition of the stock in general, particularly the chrysanthemums.

The fall flower festival and meeting of the Illinois State Florists' Association will be held at Bloomington, November 9-10, and from present indications it appears as if this city will be well represented as far as the attendance is concerned. Several of the local growers have signified their intention of making exhibits. No premiums will be awarded, which will encourage many growers to exhibit who have never done so before, so a large exhibition can be looked for.

Telegrams were received in the wholesale market last week reporting the death of Andrew Bather, of Clin-

H. VAN GELDER, Pres. J. E. POLLWORTH, Gen'l Mngr. L. M. JONES, Sec'y.

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

CHRYSANTHEMUMS

Largest and Finest Supply in the Country.

WHITE, YELLOW, PINK, \$3.00 to \$5.00 per Doz.

YELLOW POMPONS BRONZE

Fine Stock at 60c to 75c per bunch.

ton, Ia., October 5. The late Mr. Bather was a large buyer in this market and was well known here and had a host of friends in the trade. His business will be continued under the able management of Leo Bather, who has been in active charge for some time.

A. T. Pyfer & Co. are handling a fine supply of roses and carnations and report business brisk enough to permit them to dispose of all the offerings at an early hour. The carnation shipments include a splendid grade of White Wonder, which are second to

none in quality to any stock offered in this market so far this season.

At J. A. Budlong's store the receipts of carnations are very heavy and the stock is unusually good for so early in the season. Manager Schupp says that their present large supply enables them to fill all their orders in full.

Mrs. R. M. Grieg, of Anaconda, Mont., is the guest of relatives here this week. She visited John Mangel's store in the Palmer House and was most favorably impressed with his magnificent establishment.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

We are now cutting heavily in Ophelia and other roses of unsurpassed quality and can take splendid care of you in what you need in this line.

Current Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.		Per doz.
Long stems		\$5.00
36-inch stems		4.00
30-inch stems		3.00
24-inch stems		2.50
18-inch stems		2.00
12-inch stems		1.50
White—KILLARNEY—Pink.		Per 100
Extra Special		\$7.00
Select		6.00
Fancy		5.00
Medium		4.00
Short		3.00

RICHMOND		Per 100
Extra Special		\$7.00
Select		6.00
Fancy		5.00
Medium		4.00
Short		3.00
OPHELIA.		Per 100
Extra Special		\$7.00
Select		6.00
Fancy		5.00
Good		3.00
SUNBURST.		Per 100
Extra Special		\$7.00
Select		6.00
Fancy		5.00
Good		3.00

GEORGE ELGAR	35c per bunch
ROSES, OUR SELECTION, \$3.00 PER 100.	
LILIES.	Per 100
Fancy	\$10.00 to \$12.50
Miscellaneous.	
Ferns, per 1,000	2.00 to 2.50
Smilax, per doz.	2.00
Adiantum	1.00
Sprengeri, per bunch. ....	.50
Asparagus Sprays, bunch. ....	.50
Galax, bronze and green, per 1,000.	1.25
Other Green Goods Market Rates.	

The Chicago Flower Growers' Association is offering a good supply of Anton Then's new carnation Thenanthos, which are bringing top prices and appears to be a most promising red. A cordial invitation is extended to the trade to visit the Then greenhouses at any time and inspect this variety. Thenanthos will be on exhibition at the next meeting of the Chicago Florists' Club, November 16, "Chrysanthemum and Novelty Night."

E. F. Winterson and Fritz Bahr have been busy the past week plowing and fencing in Mr. Winterson's property at Highland Park and have things pretty well under way. Mr. Bahr had the misfortune of falling down a ravine while they were at work, and has been laid up since with a fractured ankle and several torn ligaments. His doctor says that he will be laid up for at least three weeks.

The John Kruchten Co. is handling a large supply of Aviator carnations from the Nic Kruchten greenhouses, where this variety is being grown on a large scale. Mr. Kruchten says that this variety does not bring as high prices, as far as the individual blooms are concerned, as some of the other reds, but that it is the best money maker on their list, owing to its wonderful productiveness.

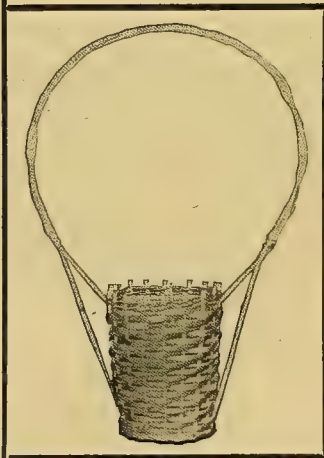
A. L. Vaughan & Co. report business as fine with the sales running away head of last year. This firm is handling a large supply of all seasonable stock, particularly American Beauty roses, which are in brisk demand, and their leader. Orchids are in good supply here, especially cattleyas and vandas.

Wietor Bros. are supplying their trade with fancy chrysanthemums, which they are starting to cut in quantity. This firm grows chrysanthemums and pompons on a large scale and are without question the largest growers of indoor stock in the country.

Supt. E. A. Kanst, of Lincoln park, and H. S. Richards, superintendent of maintenance in the South park system, are attending the annual convention of the American Association of Park Superintendents at New Orleans, La., this week with their wives.

W. H. Amling, wife and sons Herbert and Martin, and Allie Zech and wife, visited the J. D. Thompson Carnation Co.'s greenhouses at Joliet, October 5, making the trip in Mr. Amling's new Paige.

THREE BIG BARGAINS



25 SMALL CUT
FLOWER BASKETS, \$7.50
Suitable for pompons, etc.

25 MEDIUM CUT
FLOWER BASKETS, \$15.00
Suitable for roses, carnations, etc.

25 LARGE CUT
FLOWER BASKETS, \$19.00
Suitable for American Beauty and Mrs. Chas. Russell roses, chrysanthemums and other long stemmed cut flowers.

Order as early as possible so as to avoid any possible delay in shipment. Wire in your order today and we will send it out on the next train. Hurry!

Send for our latest Catalog—just off the press.
You need it—a postal will do.

RAEDLEIN BASKET CO.

713 Milwaukee Avenue,

CHICAGO

Max Ringier, long and favorably known on the market, has been obliged to relinquish his position with the Kennicott Bros. Company. Mr. Ringier has been in poor health for some time and his many friends hope for his early recovery.

Kyle & Foerster received their first shipment of orchid flowering sweet peas October 4, which, to the writer's knowledge, were the first of the season. They are also offering home-grown gardenias.

Erne & Klingel are having their share of business and are busy with both city and shipping orders. The house is still handling a large quantity of outdoor flowers, especially gladioli.

Miss Mattie Groll, Holgate, O., and Walter Amling, son of W. H. Amling, well-known Maywood grower, will be married Thursday, October 26.

Joseph Ziska & Sons state that the French chiffons they are receiving now

are much better in quality than those they received before the present European war started.

E. C. Amling, well known wholesale commission florist, celebrated his forty-eighth birthday, Tuesday, October 10.

Ernest Anderson, Bassett & Washburn's reliable storeman, celebrated his forty-fourth birthday, October 5.

Wendland & Keimel cut 80,000 roses last week at their Elmhurst establishment and 73,000 the week before.

E. J. Fancourt, representing S. S. Pennock-Meehan Company, Philadelphia, Pa., is with us this week.

A. E. Kunderd, Goshen, Ind., was a visitor at Weiland & Risch's establishment, October 7.

M. C. Gunterberg is pleasing her trade with a fancy grade of pink chrysanthemums.

The Leveson Floral Co. has opened a new store at Cleveland and Lincoln avenues.

LINKED TOGETHER

This fall we are linked together with some of the best Growers in this vicinity which means that we are prepared to supply our trade with the best stock obtainable in the Great Central Market at the most reasonable prices.

BEAUTIES-'MUMS-ROSES-ORCHIDS-CARNATIONS-Etc.

CURRENT PRICE LIST—Subject to Change Without Notice.

Beauties.	Per doz.
Long stems	\$3.00 to \$4.00
30 to 36-inch stems	2.50
20 to 24-inch stems	1.50 to 2.00
15 to 18-inch stems	1.00
12-inch stems .....	.75

Mrs. Chas. Russell.

	Per 100
Extra fancy	\$15.00 to \$20.00
Good medium	10.00 to 12.00
Good short	4.00 to 6.00

Roses.

Opelia, fancy	\$8.00 to \$10.00
“ good	5.00 to 6.00
“ short	2.00 to 4.00
Killarney, fancy	8.00
“ good	5.00 to 6.00
“ short	2.00 to 4.00

	Per 100
Richmond, fancy	\$ 8.00
“ good	5.00 to 6.00
“ short	2.00 to 4.00
White Killarney, fancy	8.00
“ good	5.00 to 6.00
“ short	2.00 to 4.00
Ward, fancy	8.00
“ good	5.00 to 6.00
“ short	2.00 to 4.00
Sunburst, fancy	8.00
“ good	5.00 to 6.00
“ short	2.00 to 4.00
Killarney Brilliant, fancy	8.00
“ good	5.00 to 6.00
“ short	2.00 to 4.00
Roses, our selection	3.00

Carnations.

	Per 100
Special fancy	\$3.00
Good	\$1.50 to 2.00

Miscellaneous.

	Per 100
Easter Lilies, select	\$12.50 to \$15.00
Orchids, Cattleyas, per doz.	7.50 to 9.00
Vandas, fine, large sprays, 25c per flower.	8.00
Chrysanthemums	per doz. 2.00 to 4.00
Violets, Home-Grown, Single .....	.75

Greens.

Asp. Plumosus	per string, \$0.50
Asp. Plumosus Sprays	bunch, \$0.35 to .50
Sprengeri	per bunch, .35 to .50
Adiantum	per 100, 1.00
Smilax, choice	per doz., 1.50 to 2.00
Fancy Ferns	per 1,000, 2.00 to 2.50
Galax Leaves	per 1,000, 1.25
Wild Smilax, per case	\$5.00
Boxwood, per lb., 25c; 50 lb. case	7.50

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572

161 North Wabash Ave, Chicago

Percy Jones continues to handle a large quantity of choice chrysanthemums and pompons and reports a heavy demand for them. Manager Van Gelder is well pleased with business and his books show that last week was a record breaker and the sales during that time were double those of the same week of any previous year. The sales for Friday, October 6, were the largest of any one day the firm ever experienced, outside of the holidays.

Poehlmann Bros. Co. received an importation of eight tons of Italian ruscus this week, which T. E. Waters says, together with the other stock on hand, will enable them to fill their orders in full. The cut flower department is showing a fine supply of roses particularly Chas. Russell and American Beauty, which are in splendid crop with them.

Ed. Kissell, better known as "Jimmy," died October 5, and was buried the following Saturday. The late Mr. Kissell was well known to the local trade as a member of the Chicago Florists' Club's "clinker" quartette, consisting of E. F. Winterson, Chas. W. McKellar, George Asmus and Chas. Balluff.

O. A. & L. A. Tonner are enjoying a busy season in both their cut flower and supply departments. The supply department is showing a fine line of

Roses==Carnations==Chrysanthemums

Everything else in seasonable Cut Flowers and Greens.

Supplies For Fall Decorations

Natural Prepared Oak Sprays--Colored Ruscus

Magnolia Leaves--Baskets--Ribbons--Chiffons.

O. A. & L. A. Tonner

30 E. Randolph Street,

Phone,
Central 6284.

CHICAGO, ILL.

baskets and decorative materials as well as ribbons and chiffons.

Henry Wittbold used 60,000 roses in the decoration he had in Marshall Field & Co.'s millinery department this week, besides 1,000 baskets of artificial goods and other decorative materials.

Arthur F. Crabb, Grand Rapids, Mich., was here this week buying supplies for his fall trade. He reports business as good, with a bright outlook for the remainder of the season.

A. Miller of the American Bulb Co. has returned from a business trip to New York. Samuel Seligman is home from Cleveland, O.

C. B. LeMer, of Simpson's Flower Shop, reports trade as improving at both stores, but that collections are unusually slow compared to former years.

Louis Eisman is again attending to his duties at the Alpha Floral Co., after recovering from a severe operation for rupture about a month ago.

W. J. Smart, with Knight & Struck Co., New York, has an exhibit of heather and other plants at the Hotel La Salle.

Mrs. George Manos, who underwent an operation at St. Luke's hospital recently, is much improved in health, and is back home again.

CARNATIONS==DEPENDABLE SUPPLY

Fine stock in the leading varieties for so early in the season. You will need Carnations from now on, now that the aster season is over, so bear in mind when ordering that we can supply you with strictly fresh stock, notwithstanding the general reports that there is a scarcity. We have a dependable supply and can furnish you with what you need.

With The Opening of The Fall Season

Your aim should be to furnish your customers with stock that will **build up your trade**. Give them the **newest varieties there are in roses** as well as all the best standard varieties. We are growing several new roses this season, which every up-to-date Retail Florist should not be without as they are business getters and money makers. To satisfy yourself on this score send us your orders for:

Mrs. Chas. Russell
Lady Alice Stanley
Mrs. W. R. Hearst

Ophelia
Sunburst
Milady

Mrs. Aaron Ward
Hoosier Beauty
Double White Killarney

Double Pink Killarney
Pink Killarney
Killarney Brilliant

NOVELTY ROSES: Cecile Brunner or Sweetheart—Baby Doll—George Elgar.

We never failed to take care of our customers during the extreme scarcity existing last spring. This year finds us situated better than ever to supply you, as we are receiving the output of several large new growers in this vicinity, together with the usual supply from our large range. Why not send your order to us where they are always sure to be taken care of?

VALLEY--LILIES

Our Blue Ribbon Brand speaks for itself.
Daily supply of Valley as well as Lilies.

CHRYSANTHEMUMS

Can supply in Yellow and White varieties.

Why Not Use The Best For Your Trade?

Our offerings consist exclusively of strictly fresh home-grown stock—bound to reach you in good condition.

You can increase your profits and business by sending all your orders direct to

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue. CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

GUT FLOWERS

Prices
As
Low
As
Others.

 **SHIPPING ORDERS GIVEN CAREFUL ATTENTION.**

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Mention the American Florist when writing

The George Wittbold Co. is building two more large Garland houses at its Edgebrook establishment, which, together with the other houses erected this season, will give the firm 41,000 feet of new glass. The new range will be devoted to plants. The Wittbold Co.'s new store on Buckingham place, adjoining the large Wittbold apartments, is almost completed and will be ready for occupancy about November 1.

Word was received here this week from Boston, Mass., that Albert J. Roper was found not guilty of murdering his father, well known carnation grower. Albert was employed in the cut flower department of Poehlmann Bros. Co. last year and his many friends here are pleased to hear of his acquittal, even though none ever believed him guilty.

W. J. Keimel, of Elmhurst, and George Ball and W. S. Gilbert, of Glen Ellyn, have returned from a week's automobile trip to Detroit and other

Michigan cities in Mr. Ball's new Studebaker. They visited the greenhouses of Albert Stahlein and Thos. Brown while at Detroit and also the celebrated Henry Ford toy factory.

Peter Reinberg is in good crop with roses and is offering a fine supply of all the leading varieties, including Mrs. Chas. Russell and American Beauty. Mr. Reinberg and family and Henry Zender and wife are taking the baths at West Baden, Ind.

Wm. Graham, manager of the Fleischman Floral Co., and family left October 10 for Philadelphia, Pa., to attend the wedding of his son.

Robert Newcomb, of the American Bulb Co., has returned from a successful western trip.

A. Henderson & Co. are unloading a carload each of Dutch and Japanese bulbs this week.

George Walther, 6310 Normal avenue, is rejoicing over the arrival of a brand new baby girl.

Holyoke and Northampton Club.

The regular meeting was held October 3 at the greenhouses of Butler & Ullman, Northampton, Mass. There was an excellent attendance and the meeting throughout was full of interest. Prospects are bright for the fourth annual show, which is to be held in the Northampton city hall, November 1-2. The Henry F. Michell Co., Inc., of Philadelphia, offers one of its bronze medals for competition, and it was voted to award this for the best group of plants. Instead of a paper being read and discussed, each member brought a question. These naturally covered a wide field of inquiry, but as a sign of the times it was interesting to note that several had to do with the increasing cost of doing business. Butler & Ullman exhibited vases of Ophelia and Russell roses of excellent quality, and H. E. Downer showed flowering plants of the water hyacinth, Eichornia crassipes. H. E. D.

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue L. D. Phone Randolph 631

CHICAGO

Headquarters for all the Leading Roses

The quality of our roses is so fine that we claim and without exaggeration that they are unequalled in this Great Central Market at the prices that we are asking and are considered the most reasonable by our regular customers.

Sunburst Beauties Ophelia Russell Milady Ward
Killarney Brilliant Killarney White Killarney
Cecile Brunner Elgar Baby Doll Old Gold (Improved
Fireflame)

Plenty for Everyone in All Grades in Any Quantity.

HEAVY SUPPLY CARNATIONS - CHRYSANTHEMUMS

LILIES LILY OF THE VALLEY ORCHIDS VIOLETS
SNAPDRAGONS SWEET PEAS POMPONS DAISIES
Adiantum Smilax Sprengeri Plumosus
Galax Ferns Leucothoe Boxwood

 **SEND US YOUR NEXT ORDER.** 

It may be that you will want to place standing orders with us this fall.
We have got the goods. You need them—so let's get together.

Chicago Florists' Club.

The October meeting of the florists' club was held at the Morrison hotel on the 7th inst., President Henderson in the chair. Martin Amling and Emil Schnake, both of Maywood, were elected members and the following applications were read: A. L. Vaughan, 161 North Wabash avenue; Robert Windler, 6638 Ridge avenue, and Peter Knowe, 133 West Washington street.

C. W. Johnson, president of the Illinois State Florists' Association, spoke of the coming fall flower festival and meeting of this society to be held at Bloomington, November 9-10, and requested all those who could attend to do so and if possible make an exhibit. No premiums will be awarded, which meets with the approval of practically everyone, so a large display of stock

and a banner attendance is expected. Because the date of the next regular club night is the same as the opening day of the Bloomington show the meeting will be postponed until Thursday, November 16.

A chrysanthemum and novelty show will be held in conjunction with the November meeting and will be open to the public in the afternoon and evening. C. W. Johnson was appointed manager of the exhibition and Fred Lautenschlager publicity man. The local examining committee of the Chrysanthemum Society of America, consisting of N. J. Wietor (chairman), George Asmus and Thos. W. Head, will be on hand to judge the blooms and everyone throughout the country having any new chrysanthemum seedlings or sports are invited to make an ex-

hibit, and so is the grower who has any other novelty to show.

George Asmus, vice-president of the Florists' Telegraph Delivery association, invited everyone in the city to attend their meeting, to be held at the Hotel La Salle, October 11-12 at 9 a. m., when President Wm. F. Gude and Past-president Irwin Bertermann, together with the directors and other officers and about 100 members, will be present.

GARDENVILLE, N. Y.—Galley Bros. will add several houses to their range here.

WILLIAMSPORT, PA.—The King Construction Co., North Tonawanda, N. Y., has completed three new houses, each 250 feet long, for W. J. Evenden & Sons.



Make it Pay Every Day

By placing your orders with

A. T. PYFER & Co.

Wholesale Florists

30 E. Randolph Street, CHICAGO, ILL.

Long Distance Telephone—Central 3373.

Albany, N. Y.

CLUB MEETING.

Commissions granted to undertakers were discussed at some length at the October meeting of the florists' club. President Thomas F. Tracey as a result, named a committee of four to consult with all the local retailers with a view to making a reduction in the commission. The members of the committee are: Frederick A. Danker, chairman; Edward P. Tracey, William W. Holmes, and William C. Gloeckner. The committee will get the views of the retailers and report at the November meeting. The subject brought out interesting remarks. Among those who took part were two visitors, W. C. Cahill, with Roman J. Irwin, of New York, and L. J. Seiger, representing Robert Craig Co., of Philadelphia, Pa., both of whom happened to be in the city. Mr. Danker in bringing up the subject said it did not seem fair to allow only 20 per cent to an out-of-town florist, who fills a telegraph order, while the local undertaker gets from 25 per cent up. Mr. Seiger said that in the territory which he covers he learned that commissions to undertakers run as high as 50 per cent; in the nearby city of Troy, 33 1-3 per cent commission is common, but in Albany the rate is about 25 per cent. Mr. Cahill called attention to the fact that in the past 10 years, only two articles, to his knowledge, had not advanced in price,—salt and flowers. On account of the increasing cost of doing business and the high prices of supplies, Mr. Cahill said that the florists will have to reduce commissions to undertakers. The views of the local retailers will be more fully known at the next meeting.

Efforts to check white pine blister rust in New York and New England may result in certain districts in the elimination of currant and gooseberry bushes. The experts of the United States department of agriculture, the state of New York, and the state of Massachusetts, have learned that the fungus of the white pine blister rust, through the summer, utilizes currant and gooseberry bushes as hosts without doing the bushes any harm. In August and September the fungus spores are carried by the wind to the trees, where they do damage. During the month of August the state of New York employed 35 men under the su-

pervision of the state department of agriculture and the conservation commission to dig up and to destroy all currant and gooseberry bushes in Columbia county along the Massachusetts line for a width of two miles. In sections where pine trees are to be grown the residents will have to choose between the trees and their currant and gooseberry bushes. The white pine blister rust was introduced in stock from Europe some years ago.

Frederick A. Danker and Mr. Cahill gave some interesting observations on the application of efficiency methods in the florists' business. These remarks were based upon recent visits to commercial establishments down the river, where one large grower, for example, found that he was losing 40 cents a year on each of 2,000 rose plants of a well known variety. The proprietor after putting in an efficiency system in his office discovered he was growing that rose at a loss and promptly discarded it. Another large firm in Connecticut, doing a spring business of many thousands of dollars in bedding plants, and believing it was making money, discovered through an efficiency system that it was only \$18 ahead for the season's work. That branch of the business was dropped at once.

It was decided to have an exhibit of chrysanthemums for the members at the next meeting. The growers in the club will be asked to send in specimens of varieties they believe to be desirable. President Tracey named a committee to look after the details as follows: William Newport, Earl Shaw, Frederick Henkes, William Hannell and Frederick Goldring.

Robert Shoch, with M. Rice Co., Philadelphia, Pa., whose name was proposed at the September meeting, was elected a member.

William C. Gloeckner, of 97 State street, has opened a branch store at 5 New Scotland avenue.

R. D.

MONROE, WASH.—A. C. Elliott has taken over the Monroe Greenhouses.

ANDERSON, IND.—After a partnership extending over 21 years, the firm of Stuart & Haugh, florists, has dissolved by mutual consent. The business will continue to be operated under the name of J. S. Stuart & Son, Mr. Haugh retiring.

Cincinnati.

MARKET WELL SUPPLIED.

There has been a very substantial increase in the supply of stock, so that by the first of this week the market was rather crowded. Shipping business is good. Roses are in an extremely heavy supply. Carnations are plentiful and generally have a pretty ready sale. Chrysanthemums are now coming into the market regularly, and at the time of this writing may be had in white and yellow. Easter lilies are in a heavy supply. Dahlias are very plentiful. Cosmos, too, are seen in large numbers. Other offerings include orchids, lily of the valley, sweet peas, single violets and snapdragons. Wild smilax has been meeting with a heavy call.

NOTES.

John C. Rutenschroer had an elegant exhibit of dahlias at the dahlia show at the Zoological Garden last week and was a big prize winner. He also had a fine assortment on his stand at the Sixth street flower market on Saturday.

Raymond Lindsey, of the Hartwell Floral Co., was severely bruised about the head and body, October 9, when an auto he was driving collided with another machine, and he was thrown out.

C. E. Critchell has been putting big lots of ferns and galax into storage.

P. J. Olinger is cutting a fine lot of roses.

Visitors: Martin Reukauf, of H. Bayersdorfer & Co., Philadelphia, Pa.; A. Jacobs, and H. A. Mollers, both of New York; C. A. Bower, Dayton, Ohio, and J. J. Lampert and wife, Zenia, O. H.

CLIFTON, VA.—O. C. Ports is adding one large house to his range on Wilson creek.

SALINAS, CALIF.—A recent hail storm, the first on record in this state to cause a serious damage to greenhouse glass, caused a loss of \$500 at the establishment of D. A. Madeira.

WACO, TEX.—T. J. Wolfe reached home October 7 from an extended northern trip, visiting Chicago and New York and returning from the latter city by steamer. Mr. Wolfe says he had a most enjoyable time, meeting many friends on the way.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

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E. C. AMLING CO.

The Largest, Best Equipped,
Most Centrally LocatedWHOLESALE
CUT FLOWER HOUSE
IN CHICAGO

174-6 N. Wabash Ave., CHICAGO

L. D. Phones
CENTRAL 1977 and 1978.

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

HOERBER BROS.

Wholesale Cut Flowers
Growers of

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave.,

Chicago

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.Wholesale Cut Flowers,
Florists' Supplies.

New Crop Smilax

Smilax..... at \$2.50 per case
Green Sheet Moss... 1.75 per bag
Perpetuated Moss.... 3.50 per bagEdward A. Beaven, EVERGREEN,
ALA.

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST. Per doz.

Roses, Beauty, specials	\$4 00
" 36-in.	3 00
" 30-in.	2 50
" 24-in.	2 00
" 20-in.	1 50
" 18-in.	1 00
" short.....per 100, \$4 00@ 6 00	

Per 100

Mrs. Chas. Russell.....	\$4 00@15 00
Hoosier Beauty.....	4 00@10 00
Killarney Brilliant.....	3 00@10 00
Killarney.....	3 00@10 00
White Killarney.....	3 00@10 00
Richmond.....	3 00@10 00
Prince de Bulgarie.....	3 00@10 00
Rhea Reid.....	3 00@10 00
My Maryland.....	3 00@10 00
Mrs. Geo. Shawyer.....	3 00@10 00
Milady.....	3 00@10 00
Sunburst.....	3 00@10 00
Mrs. Aaron Ward.....	3 00@10 00
Hadley.....	3 00@10 00
Ophelia.....	3 00@10 00
Double White Killarney.....	3 00@10 00
Mrs. Moorfield Storey.....	3 00@10 00
Champ Weiland.....	3 00@10 00
Stanley.....	3 00@10 00
Tipperary.....	3 00@10 00
Frances Scott Key.....	3 00@10 00
Bayard Thayer.....	3 00@10 00
Cecile Brunner.....	2 00@ 3 00
George Elgar.....	2 00@ 3 00
Baby Doll.....	2 00@ 3 00
Fireflame.....	4 00
Our selection.....	3 00

Carnations.....	1 00@ 3 00
Cattleyas... per doz., 7 50@10 00	
Vandas.....25c per bloom.	
Chrysanthemums.....per doz.,	2 00@ 5 00
Asters.....	2 00@ 4 00
Lilium Harrisii.....	12 50@15 00
Valley.....	3 00@ 6 00
Adiantum Croweanum.....	1 00@ 1 50
Ferns.....per 1000, 2 00@2 50	
Galax.....	1 00@1 25
Leucothoe.....	75 @ 1 00
Mexican Ivy.....per 1000, 5 00@6 00	
Plumous Strings...each,	60@ 75
Smilax.....per doz., 2 00@2 50	
Sprengeri, Plumous Sprays.....	3 00@ 4 00
Boxwood, 25clb per case.....	7 50
Wild Smilax.....per case, \$6.00	

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 NO. WABASH AVE., CHICAGO
Telephone Central 466

Mention the American Florist when writing

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

Mention the American Florist when writing

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

Mention the American Florist when writing

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

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Mention the American Florist when writing



Mention the American Florist when writing

Advertising String

FOR TYING FLOWER BOXES

Write for samples and prices.

Chicago Printed String Co.,
309 S. LA SALLE ST., CHICAGO.

Mention the American Florist when writing

Beauties

The supply is getting larger. We have quantities to select from. The best value you will find in the special and medium grades.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

GOOD DEMAND IN ALL LINES.

The week ended, after a fair trade, with a very busy Saturday; everything appeared to be in demand and sold up close. Dahlias are now at their zenith, the growers sending in all the market will take and the quality is fine and good prices prevail. Roses are perhaps next to dahlias, the quantity stock; they are rapidly rounding into form, some very good Killarney, Hadley and Ophelia being offered with from 24 to 30 inch stems. American Beauties, in any quantity and of very fine quality, find a good demand—there are more specials than all other sizes together. Carnations are bracing up. Some are seen with from 10 to 12 inch stems. Chrysanthemums are on the verge of attack; the coming week will see the advent of several early sorts. Golden Glow, Unaka and Smith's Advance, together with a few Tint of Gold, were the varieties this week. The crop, as a whole, appears from a week to 10 days behind last season. Prices hold firm. Gladioli, larkspurs, cosmos, Uptorium celestin and perennial asters are leaders in the outside stock. Easter lilies are equal to the demand. Cattleyas are more plentiful and lily of the valley, while holding firm in price, is going to waste.

NOTES.

The fall show of the Lansdowne Flower Show Association, of which S. S. Pennock is president, held October 7, was a great success, both in quality and number of the exhibits. A new white rose, Clarice Goodacre, being sent out this season by Dickson of Ireland, was shown in the Dr. Huey collection. It is a superb flower. The made up basket work, all arranged by amateurs, was very well done. There was a good attendance.

Wm. Savill's paper on hardy herbaceous plants and perennials, read before the florists' club at its last meeting, deserves more than a passing notice. It should be read and studied by every grower, particularly those who plant any of this class of stock for cutting, as Mr. Savill gives a complete list of those most suitable for this purpose, together with directions for culture to secure the best results.

The H. F. Michell Co., Inc., made a fine showing of herbaceous stock at the Lansdowne Flower Show Association exhibition October 7. Fred Cowperthwaite officiated as judge here and also at a similar show at Norwood, Pa., which, while purely local, was very complete, and contained the best of the gardens of the flower loving people of this thriving borough.

H. A. Dreer, Inc., are having a run on the glory fern, the near Farleyense. It is much used in made-up plant basket work, being especially beautiful in three and four-inch pot sizes. When planted out for cut fronds, it gives very satisfactory returns.

Dahlias are being handled in very large quantities at this time by the Leo Niessen Co. In the early morning, auto trucks direct from the dahlia farms, own the corners of Twelfth and Race streets and dominate traffic for a while.

Wholesale Flower Markets

BUFFALO, Oct. 11.		Per 100
Beauty Special.....	20 00@25 00	
" Fancy.....	15 00@20 00	
" Extra.....	10 00@12 00	
" First.....	8 00@10 00	
" Second.....	2 00@4 00	
Roses, Killarney.....	3 00@8 00	
" White Killarney.....	3 00@8 00	
" My Maryland.....	3 00@7 00	
" Sunburst.....	3 00@6 00	
" Ward.....	2 00@8 00	
" Shawyer.....	3 00@6 00	
Lily of the Valley.....	6 00	
Lilies.....	12 00@15 00	
Cattleyas.....	40 00@50 00	
Carnations.....	3 00@4 00	
Gladiolus.....	2 00@4 00	
Asters.....	1 00@3 00	
Asparagus Sprengeri.....	35@ 50	
Ferns.....	per 1000, 2 00	
Smilax.....	20 00	

CINCINNATI, Oct. 11.		Per 100
American Beauty, per doz....	75@ 3 00	
Roses, Killarney.....	2 00@8 00	
" Mrs. Chas. Russell.....	6 00@10 00	
" My Maryland.....	2 00@8 00	
" Ophelia.....	4 00@10 00	
" Richmond.....	2 00@8 00	
" Sunburst.....	2 00@8 00	
" Taft.....	2 00@8 00	
Carnations.....	2 00@3 00	
Lilium Giganteum.....	10 00@12 50	
Lily of the Valley.....	6 00	
Asparagus Plumosus, per bch., 25c		

BOSTON, Oct. 11.		Per 100
Roses, Beauty.....	20 00@25 00	
" Killarney Queen.....	2 00@8 00	
" White and Pink Killarney.....	2 00@8 00	
" Double White Killarney.....	2 00@8 00	
" Killarney Brilliant.....	4 00@10 00	
" Hadley.....	4 00@10 00	
" Cardinal.....	2 00@8 00	
" Mock.....	6 00@12 00	
" Mrs. Chas. Russell.....	6 00@12 00	
" Sunburst.....	6 00@12 00	
" Taft.....	2 00@8 00	
" Milady.....	2 00@6 00	
" Ward and Hillingdon.....	2 00@8 00	
" My Maryland.....	50@ 5 00	
Cattleyas.....	50 00@75 00	
Lily of the Valley.....	4 00@5 00	
Sweet Peas.....	1 50@ 1 00	
Carnations.....	1 00@2 00	
select.....	2 00@3 00	
Chrysanthemums.....	5 00@16 00	

The Robert Craig Co. is moving a lot of ferns and other ornamental foliage plants, their shipments out of town keeping the packing department on the go. Several houses of chrysanthemums are coming on rapidly and look fine.

The stock and fixtures of the Martin Flower Store were disposed of last week by the trustee, S. S. Pennock. The Habermehls, Philadelphia Wholesale Florists' Exchange and John C. Gracey were the principal purchasers.

Choice Russell roses and high grade Easter lilies were features of the S. S. Pennock-Meehan Co.'s stock. Quantities of all kinds of stock plants for florists are also handled in quantities.

Edward Reid is still roaming his ranches in North Dakota. Flowers come in and go out at 1519 Ranstead street as usual. Kaiserin and Sunburst roses are features here.

A much better demand than last season and a greatly increased stock is the good word of the Philadelphia Wholesale Florists' Exchange. High grade Mrs. Shawyer roses are a specialty.

Alfred M. Campbell reports the delivery boy problem a serious one—they get almost twice the wages of a year ago, and yet one is not sure of them from day to day.

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET, BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 a. m.

BERGER BROS.

Central Market

ROSES, ORCHIDS, VALLEY

Choice Early Chrysanthemums
Always high grade Easter Lilies

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

STUART MILLER, WHOLESALE FLORIST

Always Seasonable Flowers

Orchids, Valley, Roses, Easter Lilies,
Best Early Chrysanthemums.

Unexcelled Opening for Carnation Consignors for the Coming Season.

ONE BLOCK FROM EXPRESS OFFICE
1617 Ranstead Street, PHILADELPHIA, PA.

Unaka chrysanthemums, the first pink of the season, were received October 2 by Stuart Miller. Easter lilies and late asters are also good stock.

Handsome cibotiums were features of the beautiful Habermehl window the past week. This is one of the largest florist's windows in the country.

Dahlias in quantity were headliners with the Berger Brothers the past week. Easter lilies and Maryland roses were also in evidence.

The Joseph Heacock Co. is handling fine Hadley and Killarney roses with 30-inch stems, exceptional quality for the season.

C.C. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., Milwaukee, Wis.

Wholesalers and Growers of
**Choice Cut Flowers
and Greens**

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower ship-
pers in MINNEAPOLIS. Let us sup-
ply your wants. If it is on the mar-
ket we can furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

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Choice American Beauties, Russells, Mock
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Wholesale Flower Markets

PHILADELPHIA, Oct. 11. Per 100		
Roses, Beauty, special	25 00@30 00	
" fancy	16 00@20 00	
" extra	12 00@15 00	
" shorter grades	6 00@10 00	
Mrs. Chas. Russell	3 00@15 00	
Killarney	2 00@6 00	
White Killarney	2 00@6 00	
Liberty	2 00@6 00	
Hadley	4 00@12 00	
Sunburst	3 00@6 00	
Ophelia	3 00@8 00	
Hoosier Beauty	4 00@6 00	
Carnations	1 00@2 00	
Cattleyas, each \$0.40@	50	
Lilium Longiflorum	8 00@10 00	
Asters	2 00@4 00	
Gladiolus	2 00@4 00	
Larkspur	2 00@4 00	
Dahlia	1 00@4 00	
Valley	4 00@6 00	
Snapdragons	1 00@3 00	
Chrysanthemums	6 00@20 00	
Asparagus, per bunch	50	

PITTSBURGH, Oct. 11. Per 100		
Roses, Beauty, special	25 00	
" fancy	20 00	
" extra	15 00	
" No. 1	8 00	
Killarney	2 00@6 00	
My Maryland	2 00@6 00	
Sunburst	2 00@6 00	
Mrs. Aaron Ward	2 00@5 00	
Cattleyas	40 00	
Lilium Giganteum	12 00	
Carnations	3 00	
Adiantum	1 25	
Asparagus Sprengeri, per bunch	35@40	
Lily of the Valley	4 00	
Dahlia	2 00@4 00 per 100	

MILWAUKEE, Oct. 11. Per 100		
Roses, Killarney and W. Killarney	3 00@8 00	
Ward	3 00@8 00	
Mrs. Chas. Russell	5 00@20 00	
Ophelia	3 00@8 00	
Hoosier Beauty	3 00@10 00	
Lilies	15 00	
Cattleyas, per doz.	9 00	
Carnations	3 00@4 00	
Snapdragons, doz.	\$0.25@50	
Rubrum	3 00@4 00	
Valley	6 00	
Chrysanthemums	2 00@4 00	

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ST. LOUIS, Oct. 11. Per 100		
Beauty Short	8 00	
Hadley	4 00@8 00	
Killarney	3 00@6 00	
Hoosier Beauty	4 00@12 00	
Richmond	4 00@8 00	
Sunburst	3 00@12 00	
Ward	2 00@5 00	
Mrs. Shawyer	6 00@15 00	
Mrs. Russell	6 00@15 00	
Ophelia	4 00@12 00	
Valley	4 00@6 00	
Lilies	10 00@12 50	
Beauty Special	5 00 per doz	
" Fancy	4 00	
" Extra	3 00	
" No 1	2 00	
" No 2	1 50	
Orchids	9 00	

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Guaranteed Two-Year-Old, Low Budded

BEES' ROSES ARE AMAZING

Top growth alone is not a safe criterion of the value of a rose tree to you. True, you must have vigorous and healthy branch and leaf development in order to insure a solid foundation for the subsequent life of the tree. But these things are often procured in highly-fed soils where the formation of root fibre is retarded or negated. When you get such trees into your forcing or flowering beds, there is a long pause before the roots become acclimatised, so to speak. This is due to the fact that the necessary equipment of feeding fibres, which will enable the trees to go straight on with their work, does not exist. Abundance of root fibre was not necessary in the period of forced growth in heavy over-fed soil, consequently Nature did not provide it. The result is a fat lazy tree, of actually less value to you than a starveling.

What you want is a tree that has more or less of a struggle for existence—that has had to work for its living; a prize-fighting-boxer sort of tree, that is trained up to the last ounce. You can get such trees under suitable conditions. They are grown by the million on Bees' 200-acre farm in North Wales, England. Bees' Nursery is part of a huge plain situated on the banks of the River Dee, within hail—almost—of Chester, on the one hand, and Mount Snowdon on the

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Alexander Hill Gray	9.50
Alfred Colomb (H.P.)	7.75
Anna Olivier (T.)	9.50
Antoine Rivoire (H.T.)	9.50
Arthur R. Goodwin (Per.)	8.25
Avoca (H.T.)	7.75
Ben Cant (H.P.)	7.75
Bessie Brown (H.T.)	7.75
Betty (H.T.)	9.00
Brilliant (H.T.)	9.50
British Queen (H.T.)	8.25
Captain Hayward (H.P.)	7.75
Caroline Testout (H.T.)	7.75
Charles Lefebvre (H.P.)	7.75
Charlotte Klemm (H.C.)	8.25
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Coronation (H.P.)	10.75
Countess of Derby (H.T.)	8.25
Countess of Shaftsbury (H. T.)	8.25
Cynthia Forde (H.T.)	8.25
Dean Hole (H.T.)	8.25
Dr. O'Donel Browne	8.25
Dorothy Page Roberts (H.T.)	9.50
Dorothy Ratcliffe (H.T.)	9.50
Duchess of Wellington (H.T.)	9.50
Duke of Edinburgh (H.P.)	7.75

DWARFS—Continued.

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Earl of Gosford (H.T.)	8.25
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Ecarlate (H.T.)	8.25
Edith Bellenden (H.S.)	9.50
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Ellen Poulsen (D. Poly.)	8.25
Erna Teschendorff (D. Poly)	8.25
Ethel Malcolm (H.T.)	8.25
Eugene Lamesch (D. Poly.)	9.50
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Fisher Holmes (H.P.)	7.75
Florence H. Veitch (H.T.)	9.50
Frau Karl Druschki (H.P.)	7.75
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Irish Fireflame (H.T.)	\$14.40
J. B. Clark (H.T.)	8.25
Jessie (D. Poly.)	7.75
Jonkheer J. L. Mock (H.T.)	8.25
Jos. Hill (H.T.)	..	..	9.50
Juliet (H.B.)	..	..	8.25
Katherine Zeimet (D. Poly.)	..	..	7.75
Killarney (H.T.)	..	..	7.75
King Edward VII (D. Poly.)	..	..	8.25
King George V (H.T.)	..	..	9.50
Lady Alice Stanley (H.T.)	..	..	8.25
Lady Ashtown (H.T.)	..	..	8.25
Lady Dunleath (H.T.)	..	..	10.75
Lady Hillingdon (T.)	..	..	9.50
Lady Mary Ward (H.T.)	..	..	9.50
Lady Penzance (H.S.B.)	..	..	9.50
Lady Pirrie (H.T.)	..	..	9.50
Lady Roberts (T.)	9.50
La France (H.T.)	8.25
La Tosca (H.T.)	8.25
Leonie Lamesch (D. Poly.)	7.75
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Liberty (H.T.)	8.25
Lieutenant Chaure (H.T.)	9.50
Lucy Bertram (H.S.B.)	9.50
Lyon Rose (H.T.)	8.25
Mabel Drew (H.T.)	..	..	10.75
Mme. Abel Chatenay (H.T.)	..	..	8.25
Mme. Collette Martinet (H.T.)	25.00
Mme. Constant Soupert (T.)	9.50
Mme. Chas. Lutaud	10.75
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Mme. Isaac Perriere (Bour.)	8.25
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Mme. Jules Grolez (H.T.)	8.25

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Briar, Clean, Hardy, Field-Grown Stock.

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ther. The land is actually reclaimed silt deposited by the Dee during past ages, and is swept from end to end by the bitter gales from the Atlantic Ocean.

See how splendidly these two factors combine to produce the ideal rose tree. First, there is the **naturally** rich, humus-laden silt soil. It is in a finely divided condition, and encourages—makes necessary—the formation of multitudinous root-fibres. Neither light nor heavy, and neither too wet nor too dry, it is the ideal rooting medium. Then the climate, the most searching and severe in the British Isles, comes into play. Every inclination towards exuberance is keenly contested. The tree has veritably to fight for its life. Wind, cyclonic in violence, almost tears the trees up by the roots; but the result is a more thorough and firm anchorage of the root fibres. Alternating climatic conditions of Arctic severity and delusive mildness compact the plant tissues to iron-wood hardness. The result, at lifting time, is a short-jointed, stocky tree, which grows and blooms with almost magical luxuriance when transplanted into milder quarters.

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me. Melanie Soupert (H.T.)	9.50
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me. Segond Weber (H.T.)	9.50
Margaret Dickson Hamill (H.T.)	30.00
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Mildred Grant (H.T.)	9.50
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Molly Sharman Crawford (T.)	9.50
Moss Rose	7.00
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rs. Alfred Tate (H.T.)	9.50
rs. Amy Hammond (H.T.)	9.50
rs. Andrew Carnegie (H.T.)	10.75
rs. A. R. Waddell (H.T.)	9.50
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rs. E. G. Hill (H.T.)	8.25
rs. Foley Hobbs (T.)	9.50
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rs. G. Sawyer (H.T.)	9.50
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Orleans Rose (D. Poly.)	7.75
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Mrs. W. J. Grant, climbing (Cl. H.T.)	8.25
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Hyacinths, Tulips, Narcissi, Etc.

Monster Sales every Tuesday and Friday at 10:00 a.m.

10,000 square feet devoted to our auction business.

Write for Catalogue.

Joseph Hetherington, or Joe, as he would rather be called, finished his thirty-fifth year of continuous service with the Robert Craig Co., October 2. He is still hale and hearty. For many years every plant boxed for shipping has passed through his hands and the amount of work of this kind he could do in 24 hours at the rush times of Christmas and Easter is prodigious. He is still on the job, packing plants into boxes as they are handed to him, at a record pace and with all his old time vigor.

The Allied Fish and Aquarium Societies of Philadelphia held an exhibition of fancy gold and other valuable pet fish at Horticultural hall in Fairmount park, October 7-9. With the added attraction of the palms and other tropical surroundings, the display which of itself was wonderful in its variety of lion heads, telescopes, fancy lacetailed and notailed sorts, and others was voted one of the best exhibitions ever held by the allied societies. The attendance was very large.

H. Bayersdorfer & Co. are the busiest people in town. Paul Berkowitz says there is a good demand for almost everything. Their new fall list is just out, an encyclopedia of all the newest and the staple goods in florists' supplies.

W. P. Carra, Manton, N. J., who has had great success with larkspur, has also done splendidly with the new celosia called Chinese wool flower. There has been a ready sale for all he could cut.

The Lord & Burnham Co. has just completed a house for Wm. Schlichter, of Mohnton, Pa. Albert Schinitz, of Roxboro, also purchased one of their large boilers, sufficient to heat his whole establishment.

K.

New York.

ROSE SUPPLY INCREASES; PRICES DROP.

Business was not particularly active during the past week. The weather again turned warm, which served the double purpose of increasing the supply of stock and keeping the leisure class at their country homes or at the various resorts. There has been no great surplus of good stock, but it has taken some hustling to clean up. The supply of American Beauties is light and prices for good specials keep up to 30 cents each, wholesale rates. In such tea roses as Ophelia, Stanley, Killarney and other well known varieties, the increased supply, with no corresponding demand, has to some extent lowered prices. This is more noticeable in the fancy and special stocks and may be accounted for from the fact that the larger retail stores are not yet doing a heavy business. The supply of chrysanthemums is steadily increasing, the pink variety Unaka being very noticeable, but all move slowly. In carnations a limited supply of excellent stock, for the season is arriving. Cottage Maid, Mrs. Ward, Matchless, White Wonder and Enchantress being noteworthy. The best wholesaling at \$4 per 100. There is a fair supply of lilies and lily of the valley and prices remain firm. Orchids are plentiful and cheap and move slowly. There are gardenias in the market, but the demand seems to be light.

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York.

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of
its Best Growers.

Good dahlias are factors and bring fair prices, but there is considerable dahlia stock coming in that is of little account. The bouvardias are noteworthy, being of good quality, three dozen for \$1 being the ruling wholesale price. The supply of double violets greatly increased during the past week, but not much can be said in favor of their quality, the weather having been too warm for them and they hang heavy on the hands of the wholesalers. One prominent wholesaler stated a few days ago that his business was not as good as at this date last year, and that seems to be the general impression, but to quote a veteran in the business, "The florists are a hopeful lot."

October 9.—Business has opened under fair conditions, though the weather is quite warm for this season. The supply of chrysanthemums is increasing, several varieties of the "big fellows" being now on the market. The gladioli and asters are no longer factors, though a few are arriving. There is a good supply of other stocks.

NOTES.

Joseph A. Millang, in the rooms of the New York Cut Flower Co., is receiving from the Cottage Gardens Co., Queens, N. Y., fine stock of the carnations Cottage Maid and Matchless, from Paul M. Pierson's Briarcliffe range, excellent American Beauties, and from the F. R. Pierson Co., Tarrytown, N. Y., fine stock of the roses Francis Scott Key and Mignon. He is also handling a line of the F. R. Pierson Co.'s celebrated ferns in pots.

Peter Beuerlein, of Elmhurst, who is secretary of the Growers' Cut Flower Co., and ships his stock there, is cutting good carnations of sports of Enchantress that originated at his range. He is also an extensive grower of bulbs and general stock, but like others, has not yet received half of the bulbs he is expecting.

Dennis Calnan, who for the past 50 years has been engaged in various capacities in the florist business in this city, died suddenly, October 5, aged 68 years. For a number of years, and up to a few days of his death, he had worked for Charles Millang, in the Coogan building.



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Have twenty-two years' experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

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64 West 26th St., NEW YORK

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20 years experience

Consignments Solicited and Prompt RETURNS GUARANTEED.

Traendly & Schenck are now receiving fine stock of orchids and chrysanthemums from Herman Komitsch, Seaucus, N. J., and fine Ophelia, Stanley and other roses from Robert Simpson, Clifton, N. J.

Hentz & Nash, Inc., in the rooms of the New York Cut Flower Co., are receiving good stock of the roses Ophelia, Killarney Queen, Hadley, Double White Killarney and other varieties.

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WHOLESALE FLORIST
55-57 W. 26th Street
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WHOLESALE FLORISTS
 The Right People to Deal With.
102 West 28th St., New York

Wholesale Flower Markets

NEW YORK, Oct. 11.		Per 100
Roses, Beauty, special.....	23	00@30 00
" " extra and fancy.....	15	00@20 00
" " No 1 and No 2.....	6	00@8 00
" Prima Donna.....	4	00@15 00
" Alice Stanley.....	1	00@8 00
" Francis Scott Key.....	1	00@15 00
" Mrs Geo. Sawyer.....	1	00@6 00
" Double White Killarney.....	1	00@6 00
" Killarney, My Maryland.....	1	00@6 00
" " No 1 and No 2.....	1	00@2 00
" " Queen.....	1	00@6 00
" " Brilliant.....	1	00@6 00
" Aaron Ward.....	1	00@6 00
" Richmond.....	50	@6 00
" Sunburst.....	1	00@6 00
" Taft.....	1	00@5 00
" J L Mock.....	1	00@8 00
" Ophelia.....	75	@6 00
" Mrs. Chas. Russell.....	1	00@8 00
" Cleveland.....	1	00@6 00
" Hadley.....	1	00@8 00
" Hoosier Beauty.....	50	@6 00
Cattleya Orchids, special... each,		35
inferior grades.....	15	@20
Dahlias.....	1	00@3 00
Bouvardia.....	2	00@4 00
Rubrum.....	5	00@6 00
Lilies, Longiflorum and Harrisii.....	6	00@8 00
Lily of the Valley.....	3	75@6 00
Carnations.....	1	50@4 00
Chrysanthemums..... per doz.	1	00@3 00
Novelties, per doz.	6	00@10 00
Gardenias..... per doz.		2 00
Adiantum Croweanum and		
Hybridum.....	50	@75
Asparagus Plumosus... doz. bchs.	1	00@1 25
Smilax..... doz. strings,	1	00@1 25

United Cut Flower Co., Inc.

WHOLESALE
111 West 28th St., New York
 Telephones: Farragut { 4422 }
 { 4423 }
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HOUSE OF FERNS

Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
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Frank H. Traendly Charles Schenck
Traendly & Schenck
 Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
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 Orchids, Roses, Carnations and all the other
 best products of the leading growers.
 Consignments solicited.
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 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

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 Open for Cut Flower Sales
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Desirable well space to rent for advertising.

V. S. DORVAL, Secretary.

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FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
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George B. Hart

WHOLESALE FLORIST
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NEW YORK
 Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the
 market can always be relied upon.

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GEO. W. CRAWBUCK, Pres.

George W. Crawbuck Co.

(INC.)
 Wholesale Commission Florists
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 Telephone, Madison Square 5296.

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Write for samples and prices or better yet order your supply today

A. A. Arnold Paper Box Co., 1302-1308 W. Division St., CHICAGO, - ILLINOIS.

Charles Beekman, of Elmhurst, who is an officer of the Cut Flower Exchange, and whose stock is sold there by his son, is growing quite a stock of the old white carnation, Boston Market. He says that if he does not get as much as for the "big fellows," he makes it up on the large quantity, as Boston Market is very prolific. He also grows lilies, sweet peas and a variety of other stock, having recently taken up pelargoniums.

These fine October days bring an interesting visitor to the wholesale district in the person of John Mallon, the surviving member of the Brooklyn firm of James Mallon's Sons. It takes John a long time to get through West 28th street, because so many people want to stop him to shake his hand.

Jack Trepel opened his new store at 480 Fulton street, Brooklyn, October 7, under very encouraging conditions. He says he had 700 customers on the first day. It is a very fine store, in the heart of the Brooklyn shopping district, and should be a success.

George H. Beckman, of Elmhurst, which is a part of this city, is preparing to erect four new houses, 25x125 feet each. He has already a considerable glass area and grows general stock, which he sells in the Cut Flower Exchange.

Joseph S. Fenrich is receiving from C. H. Totty, of Madison, N. J., very fine stock of the yellow Japanese incurved chrysanthemum, October King. He advises us that they wholesale for \$12 per dozen.

M. Vlachos (the Astoria Florist), 2188 Broadway, has just put on a fine new automobile for delivery. It does not appear that the "wolf is gnawing at the doors" of the retail florists.

Spiwak & Perlow, plantsmen of Elmhurst and Woodside, are sending in an exceptionally fine stock of ferns. They have also a fine stock of dracaenas, crotons and other plants.

The Macniff Horticultural Co. advises us that their auctions are very popular and successful, bulbs being important factors, but they are also doing a fine business in plants.

H. L. Baylis, who sells the stock of Dailledouze Bros. and E. Asmus, is handling very fine Prima Donna, Ophelia and other roses; also, chrysanthemums and carnations.

James W. Heacock, of Roelofs and Wyncote, Pa., and his chauffeur, were in this city, October 3-4, having a big auto-truck load of palms for delivery to customers in this city.

Johnson & Millang, Inc., advise us that they recently received the first shipment of boxwoods and rhododendrons to reach this port, and the stock looks good.

At Paul Meconi's, in the Coogan building, we have noticed fine gardenias, orchids, carnations, bouvardias and a great variety of other stock.

The Aster Floral Co., 228 Flatbush avenue, Brooklyn, is showing a fine stock of plants and reports an improvement in its business.

H. E. Froment is now receiving from L. B. Coddington, Murray Hill, N. J., fine stock of all the standard varieties of roses.

Joseph Vock, in the Cut Flower Exchange, is handling very fine lily of the valley for W. H. Siebrecht's Astoria range.

Drakos & Co., the well known retailers of 2953 Broadway, have just put on a fine new commercial car for delivery.

John J. Coan is receiving very fine stock of the pink chrysanthemum, Unaka.

Visitors: E. Allan Pierce, Waltham, Mass.; Louis J. Reuter, Westerly R. I. A. F. F.

Providence, R. I.

Business during the past week has been fair with funeral work holding up well. Stock is plentiful and of good quality. Asters are about done for but carnations are coming better every day. Roses have shortened in supply and prices are advancing.

Eugene Appleton is to stage the flower displays at the fair at Crescent park this week. He reports outside work keeps him very busy.

A. M. Cassidy will open the Strand Flower Shop October 14. H. A. T.

FLORISTS'

GREENING PINS.

No Florist should be without a box of Greening Pins, considering their small price, convenience and amount of labor saved. One box contains 10 lbs. (about 10,000 to 11,000 pins). (Samples free).

Price, per box.....\$1.50
5 boxes for..... 7.00

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Wholesale Florist
1324 Pine St., St. Louis, Mo.

New Crop Smilax

Smilax.....at \$2.50 per case
Green Sheet Moss..... 1.75 per bag
Perpetuated Moss..... 3.50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens
EVERGREEN, ALABAMA

Dayton, O.

The Dayton Florists' and Gardeners' Association held its regular meeting October 3. The outing committee made its report showing that the event held August 30 was a success, both socially and financially. There not being much business before the association, an early adjournment was taken.

The Advance Floral Co. reports that a fine crop of chrysanthemums in the Abbey avenue greenhouses will be ready for the market in a few days. This firm recently had the decorations for the opening of the new Columbia theater.

The Heiss Co. reports splendid business during September. The new house is rapidly nearing completion and will soon be planted.

W. G. Matthews has been busy with decorative work.

S. L. May is planting an acre of peonies. E. E. S.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

GREAT BRITAIN

WILLS & SEGAR,

ROYAL EXOTIC NURSERY,

Onslow Crescent, S. Kensington, London

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H. M. KING GEORGE V and H. M. QUEEN ALEXANDRA

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Cut Flowers, Floral Baskets, Floral Designs, Etc

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Cablegrams—"FLOCULO, LONDON."

Chicago.

Established 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

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Mention the American Florist when writing

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

106 STATE STREET.

Mention the American Florist when writing

Toronto, Can.

Canada's best known and most reliable florist

Only the **Dunlop's**

Best 8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee safe arrival.

Milwaukee, Wis.



J. M. Fox & Son, Inc.

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Members Florists' Telegraph Delivery Association.

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BOSTON 1 Park Street
799 Boylston Street

Deliveries to steamers and all Eastern Points.

NEW YORK.

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Adjoining Plaza Hotel
Member of the Florists' Telegraph Delivery.

Original Decorations a Specialty.

Branch:

THE VANDERBILT HOTEL

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Branch 1808

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34th St.

Kottmiller

Member F. T. D.

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And 49th St., NEW YORK

Chicago.

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For Rhode Island and Connecticut
STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members of Florists' Telegraph Delivery.

Young & Nugent

Telephone 2065-2066 Madison Square.

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To out-of-town florists:

We are in the Heart of NEW YORK
And give special attention to steamer and theater
orders. Prompt delivery and best
stock in the market.

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Bangor, Me.

Adam Sekenger

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We cover all points in Maine.

Denver, Colo.

The Park Floral Co.

J. A. VALENTINE,
President.

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NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

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Western Union Code.

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ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

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Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store.

Greenhouses.

Member of Florists' Telegraph Delivery.

Syracuse, N. Y.

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FLORIST

536 SOUTH SALINA STREET

General designs—All flowers in season

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New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Members of Florists' Telegraph Delivery.

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20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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HOLLYWOOD GARDENS

Seattle's Leading Flower Shop
1536 SECOND AVE.

Members of Florists' Telegraph Delivery.

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Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

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KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

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Nat. M. Kingsley
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Eighth and Locust Sts.
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Telegraph orders filled on short notice in St. Louis and rest of Missouri.



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Successor to Sievers & Boland

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H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

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LARGEST FLOWER STORE IN THE CITY



St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery
in this section from the

LEADING FLORISTS OF THE NORTHWEST

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John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.**High Grade Cut Blooms**

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery.

New York.

Henry Hart, Inc.

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1000 Madison Avenue
Telephone—Lenox 3822.

In the Heart of the most exclusive residential section.

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Omaha, Neb.

Hess & Swoboda
FLORISTS

1415 Farnum St.

PHONES:
1501 and 11582

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DES MOINES

IN THE CENTER OF IOWA

**J. S. Wilson Floral Co.**

We cover all points in Iowa.

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THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

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14th and H. Street.

Philadelphia, Pa.

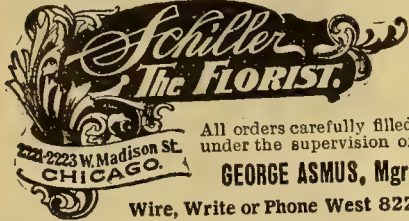
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Send your orders for Chicago and Suburbs to



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BROOKLYN'S LARGEST FLORIST
SEVEN STORES

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Seventeen large Greenhouses. Deliveries everywhere in Minnesota. Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

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Robt C. Kerr
Floral Co.

Main and McKinney Phone, Preston 160

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Amsterdam, N. Y.—John C. Hatcher.
Augusta, Me.—Robbins, F. A., 122 Winthrop St.
Bangor, Me.—Sekenger, Adam, 322 Newbury St.
Boston, Mass.—Comley, Henry R.
Boston, Mass.—Thos. F. Galvin, Inc.
Boston, Mass.—Penn, The Florist.
Brooklyn, N. Y.—Brooklyn Cut Flower Market.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Briggs Floral Co.
Chicago—Central Floral Co., 132 N. State St.
Chicago—Friedman, 522 S. Michigan Blvd.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder, 3343 W. Madison St.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel, 17 E. Monroe St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
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Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters.
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Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews, the Florist.
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Des Moines, Ia.—J. S. Wilson Floral Co.
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Duluth, Minn.—J. J. Leborious.
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Grand Rapids, Mich.—Henry Smith.
Guthrie Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Paley.
Los Angeles, Calif.—Howard & Smith.
Los Angeles, Calif.—Sekl Bros. & Co.
Los Angeles—Wolfskill Bros. & M. Goldenson.
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Louisville, Ky.—The F. Walker Co.
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Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
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St. Paul, Minn.—L. L. May & Co.
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San Francisco—Joseph's, 233-35 Grant Ave.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Springfield, O.—Van Meter Flower Shop.
Springfield, Mass.—N. F. Higgins.
Steuenville, O.—Huscroft's Flower Shop.
Syracuse, N. Y.—Miles S. Hencle.
Terre Haute, Ind.—J. G. Heint & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
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Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
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Wilmette, Ill.—Pyfer & Olsem.
Williamsport, Pa.—Evensen Bros. Co.
Worcester, Mass.—Randall's Flower Shop.

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Special attention paid to telegraph orders in Chicago and vicinity. One of our stores is located in the heart of the city and the other in the select north side residential district.

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Mail or telegraphic orders promptly and most carefully executed.

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Telephone 1813 Main JOS. LEVY
BROOKLYN
Cut Flower Market, Inc.
Floral Designs a Specialty
356 FULTON STREET
BRANCH: 408 Fulton St.
BROOKLYN, N. Y.

NASHVILLE, TENN.
JOY FLORAL COMPANY
Members of Florists' Telegraph Delivery.

PHILIPS BROS., 938 Broad St.
NEWARK N. J.
Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.
Wolfskill Bros. and
Morris Goldenson
Cut Flower Merchants.
We solicit telegraph orders. Regular trade discount.
229 WEST THIRD STREET

Kansas City, Mo.
Samuel Murray,
1017 Grand Avenue
Member of Florists' Telegraph Delivery.

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PAUL M. PALEZ
FLORIST
All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

Tacoma, Wash.
California Florists
will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by
HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS
Members of Florists' Telegraph Delivery.

Grand Rapids, Mich.
GRAND RAPIDS FLORAL CO.
ALFRED HANNAH & SONS will fill your orders for Designs and Cut Flowers in Michigan

St. Louis, Mo.
F. H. WEBER
Boyle and Maryland Avenues
Flowers delivered in city and state on short notice
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E. W. PEARSON
47 State St., NEWBURYPORT, MASS.,
Covers all New England points.

Colorado Springs, Colo.
Orders Carefully Executed
Pikes Peak Floral Co.
Wholesale and Retail
Members of Florists' Telegraph Delivery.

Steubenville, Ohio.
Huscroft's Flower Shop
173 North Fourth Street
All Orders Promptly Executed

Cleveland, O.
The Smith & Feters Co.,
LEADING FLORISTS.
735 Euclid Ave. CLEVELAND

Los Angeles.

Following a two-inch rainfall, market conditions have changed. Outdoor stock suffered to some extent, but the nursery and seed interests have been given a boost. The supply and demand, as far as flowers is concerned, has changed little since last week.

NOTES.

The regular meeting of the Los Angeles County Horticultural Society was held in the Chamber of Commerce, October 4, and was a splendid success, the large attendance and the number of displays all of which were of fine quality, exceeding any previous meeting of the organization. The new rose, Los Angeles, exhibited by Howard & Smith, and the chrysanthemums staged by Frank Speakman, were the finest ever shown here. The displays of dahlias and other flowers were also excellent.

Fred Howard, of Howard & Smith, is in the east, and will visit Chicago, New York, and other cities in the interest of their new rose, Los Angeles. They are shipping stock of this rose all over the United States and to many points abroad. This firm reports a wonderful increase in the nursery trade since the recent rains. Cut flower trade is fair.

S. Marcond, who is one of the pioneers in the cut flower trade, having established a stand in 1905, known as the Little Times Flower Stand, is now opening an up-to-date establishment at the same location, 208 West Third street. It will be known as the Times Flower Market. A wholesale as well as retail business will be conducted.

A. F. Borden, of the Redondo Floral Co., will leave shortly for Chicago, where he will spend two weeks visiting relatives. This has been a busy week with his firm. Chrysanthemums are moving at a lively rate.

The Broadway Florists have doubled the size of their showroom. They have also added to their stock, both in flowers and supplies, and are showing an exceptionally fine line of baskets.

Wolfskill Bros. & Morris Goldenson report good trade in all branches. They are showing very good plants of cineraria.

Wright's Flower Shop, Inc., has had a wonderfully heavy call for orchids. Funeral work was also a factor.

G. H. H.

KANSAS CITY, MISSOURI.
Rock's
FLOWERS
Members Florists' Telegraph Delivery Ass'n.

CHICAGO
Mangel
The Palmer House Florist
17 E. MONROE ST.

C. H. FREY, Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.
Will fill orders for the West on short notice
Trade discounts. First-class stock.

Send Telegraph, Telephone or Mail Orders for florist service in this vicinity to
THE DOMINION FLORAL CO.
484 St. Catherine's St., West
Montreal, Que., Canada
Every order receives prompt and careful attention

C. Trauenerfeldt
FLORIST
3343 W. MADISON ST.
NEAR GARFIELD PARK
CHICAGO

For Wisconsin Delivery
OF
"Home Grown Flowers"
Get in touch with
J. E. MATTHEWSON, SHEBOYGAN, WISCONSIN.
Member of Florists' Telegraph Delivery.


GUDE BROS. CO.
FLORISTS
1214 F ST. N.W.
WASHINGTON, D.C.

WASHINGTON
D. C.

Gudes'

Members of Florists' Telegraph Delivery.
Mention the American Florist when writing

SAN FRANCISCO
JOSEPH'S
233-235 GRANT AVENUE
Members of Florists' Telegraph Delivery and National Florists for this District. A specialty made of "Welcoming" and "Bon Voyage" packages.
Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Pueblo, Colo.

D. M. McMurray
FLORIST

105 East Abriendo Ave.

Mention the American Florist when writing

Send Telegraph, Telephone or Mail orders for florist service in this vicinity to

Howard & Smith

853 So. Olive St., Los Angeles, Calif.

Every Order sure to receive prompt and careful attention.

Mention the American Florist when writing

WORCESTER, MASS.

Randall's Flower Shop,

13 Pleasant Street.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

VAN METER FLOWER SHOP
SPRING
and HIGH, **Springfield, O.**

BEST FLOWERS for EVERY OCCASION.

Mention the American Florist when writing

Williamsport, Pa.
EVENDEN BROS. CO.

Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Boston, Mass.

HENRY R. COMLEY, Florist, 6 Park St.

50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

Mention the American Florist when writing

John C. Hatcher

Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Hoffmans, N. Y.

Mention the American Florist when writing

FREY & FREY,
1338 O Street, LINCOLN, NEB.
WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

El Paso, Texas.

Potter Floral Co.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Boston, Mass.

Penn The Florist

"Penn, The Telegraph Florist"

Member of Florists' Telegraph Delivery Ass'n.

124 TREMONT STREET

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

Mention the American Florist when writing

Chicago Detroit
CENTRAL FLORAL CO.

132 North State Street, CHICAGO, ILL.

35 Broadway, DETROIT, MICH.

Special attention given to telegraph and mail orders for delivery in either city and adjoining territory. Both of our stores are located in the heart of each city, which means quick and efficient service to theatres, hotels, depots, etc. Our Chicago store is located opposite Marshall Field & Co.'s retail establishment and one block from the Great Central Cut Flower Market.

DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis'

Mention the American Florist when writing

Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

TERRE HAUTE, IND.

THINK OF HEINL'S

Mention the American Florist when writing

Rockford, Ill.

H. W. BUCKBEE.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

St. Louis, Mo.

WIRE

Grimm & Gorly

Mention the American Florist when writing

Augusta, Me.

F. A. ROBBINS, Florist

122 WINTHROP STREET

We deliver in Maine and all New England points.

Mention the American Florist when writing

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Cleveland, O.

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE
FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Members of Florists' Telegraph Delivery.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

PROVIDENCE, R.I.

T. J. JOHNSTON & CO.

NEW ENGLAND POINTS.

171 WETTESSET ST., PROVIDENCE

—American Ass'n of Park Superintendents. 1870

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President;
F. W. Bolgiano, Washington, D. C., First
Vice-President; L. L. Olds, Madison, Wis.,
Second Vice-President; C. E. Kendel, Cleve-
land, O., Secretary and Treasurer. Thirty-
fifth annual convention, June, 1917.

LINCOLN, NEB.—Real estate belong-
ing to the Griswold Seed Co. has been
advertised for sale October 17.

CHICAGO.—Prices for grass seed on
the Board of Trade, October 11, were
as follows: Timothy, \$3.50 to \$5.00 per
100 pounds.

LINCOLN, KY.—Joseph H. Kastle,
seed expert in charge of the experi-
ment station here, died September 24,
after an illness of two weeks.

THERE is a strong demand for all
fall bulbs with special interest taken
in narcissus, Darwin tulips and sev-
eral named single early tulips.

THE October meeting of the directors
of the Wholesale Seedsmen's League
will be held at the Hardware Club,
New York, October 17, at 11 a. m.

THE state department has advised
importers that some shipments of
flower seed from Denmark to the United
States have been seized by the British
government.

PHILADELPHIA, PA.—Invitations have
been issued for the wedding of W.
Atlee Burpee, Jr., and Miss Jeannetta
Drysdale, daughter of Mrs. J. Drysdale
Lee, at St. James' church, November 1.

JEFFERSON, IA.—The Ratekin Seed
Co. will move its offices from Shenan-
doah, Ia., to this city and will conduct
its entire mail order business from this
point. A. R. Ratekin will be the local
manager.

SUBMARINE activity in American
waters, it is thought, may interfere
with the arrival of European seeds,
bulbs and plants, and some seedsmen
are considering the revision of prices
accordingly.

CHICAGO.—Everett R. Peacock, 4013
Milwaukee avenue, has filed suit for
\$10,000 against Knud Gundestrup,
4908 Milwaukee avenue, charging
slander by insinuations against the
former's credit. Both are seedsmen.

VISITED CHICAGO: L. L. Olds, of the
L. L. Olds Seed Co., Madison, Wis.;
A. Luck, of S. M. Isbell & Co., Jack-
son, Mich.; S. F. Willard, of Comstock,
Ferre & Co., Wethersfield, Conn.; Wm.
Galloway, of the Galloway Bros. Co.,
Waterloo, Ia.

C. S. NOBLE, of Noble Fork, Alberta,
has a 1,000-acre field, wheat crop of
which, threshed, gave 52 bushels to the
acre, highest ever known in any part
of the world. Record was formerly
held by Whitman county, Washington,
with 51 bushels.

ONE of the California seed growers
writes October 3 as follows: "We just
had 2½ inches of rain which has
stopped all crop gathering operations,
besides doing some damage to crops
not yet harvested. This rain, however,
will put the land in fine shape for the
early planting of sweet peas."

Restrictions on Grass Seeds for Norway.

The British authorities announce
that no further authorizations will be
issued for the exportation of grass
seeds to Norway. [It is assumed that
letters of assurance for such ship-
ments will likewise be withheld for
the present.]

French Bulbs.

A correspondent writing from Tou-
lon, France, under date of August 25,
has the following with regard to
to French bulbs:

"There are still large quantities of
narcissus in the ground but through
lack of labor the bulbs can not be
lifted. Again, the soil in the moun-
tains is hard as a rock through lack
of rain and the implements would be
broken during the process of lifting.
It is almost a certainty that next sea-
son prices will be much higher than
the present, possibly 40 to 50 per cent.
The scarcity of Roman hyacinths will
be much greater next year, especially
the size 13 centimeter and up. Grow-
ers have sold too many of the 10 and
11 centimeter size which should be
planted if they expect to have the
larger sizes for 1917. It would not be
surprising if there were an advance of
30 to 40 per cent on these bulbs for
the next season."

Danish Seed Crop.

Hjalmar Hartman & Co., Copenhagen,
in their September report on Danish
seed crops make comments as fol-
lows:

Owing to a short crop last year
stocks of which have been disposed
of by us we have this season grown
an unusual large acreage, not alone
on our own farms, but under contract
with farmers on Amagar Island. The
crop outlook at the present time is
satisfactory, but nothing definite can
be said until the harvesting is com-
pleted this month, as frosts may still
be a factor.

Cabbage. (White, red, pointed and
Savoy)—The planting has been lim-
ited, besides, considerable rain storms
in August have somewhat damaged the
crop, so that we do not expect more
than about 50 per cent of an average
crop.

Brussels Sprout—The crop of this
was good and is partly harvested.

Carrot—The crop will be late, owing
to severe cold and rainy weather. The
flowers set very nicely, but the con-
tinued rainy and cold weather has hin-
dered the ripening.

Garden Beets—Crop will be very
small.

Garden Swedes. (Field Swedes, Field
Turnips)—Last fall it was very diffi-
cult to induce farmers to grow swedes
and turnips, as the prices for wheat,
barley and oats ranged very high, and
it was less risk to grow grain instead
of roots. This has generally resulted
in smaller acreages; besides this, the
crop was very much damaged by the
heavy rain storms prevailing, and
about 50 per cent of the seeds were

Parsley—Crop insignificant.

Radishes—Several acreages were in-
fected by insects on account of very
dry weather during sowing time. There
are some very good plots but it de-
pends on the fall weather if the crop
will turn out about normal.

Mangolds—At the present time the
planting has been very good and we
expect to have a very good crop.

Grain Seeds (Cocksfoot)—This crop
has been harvested and fairly large
quantities are offered in the market.

Free Seeds Worry Recipient.

Representative Hill, of Iowa, sent
free seeds to a constituent in a franked
envelope, on the corner of which were
the usual words, "Penalty for private
use \$300." A few days later he re-
ceived a letter which read:

"I don't know what to do about
those garden seeds you sent me. I
notice it is \$300 fine for private use.
I don't want to use them for the public.
I want to plant them in my private
garden. I can't afford to pay \$300 for
the privilege. Won't you see if you
can't fix it so I can use them privately?
I am a law-abiding citizen and do not
want to commit any crime."—Toledo
Blade.

Imports at New York.

During the week ending October 7, imports
were received at New York as follows:

From Rotterdam—
Johnson & Millang—25 cs bulbs.
Berger, H. H., & Co.—14 cs bulbs.
Elliott, W., & Sons—11 cs bulbs.
Van Waveren & Son—17 cs bulbs.
Ward, R. M., & Co.—73 cs bulbs.
Tice & Lynch—34 cs bulbs.
Marshall, W. E., & Co.—17 cs bulbs.
Pierson, F. R., Co.—20 cs bulbs.
Wyman, C. H.—2 cs bulbs.
Kuyper, P. C., & Co.—627 cs bulbs.
Downing, R. F., & Co.—6 cs bulbs.
Lang, R. F.—1165 cs bulbs.
Baldwin, A., & Co.—46 cs bulbs.
Foster, W. A.—266 cs bulbs.
Stump & Walter Co.—59 cs bulbs.
Hampton, J. W., Jr., & Co.—297 cs bulbs.
Vaughan's Seed Store—145 cs bulbs.
Roosa, I. P.—75 cs bulbs.
MacNiff Hort. Co.—165 cs bulbs.
Weeber & Don—16 cs bulbs.
Vandegrift, F. B., & Co.—8 cs bulbs.
From Dundee, Scotland—
Vaughan's Seed Store, 83 bags manure.
Weeber & Don, 40 bags manure, 40 bags soot.
From London, England—
J. M. Thorburn & Co., 39 packages seed.
To others, 86 bags, 34 packages seed, 10 cases
bulbs.
From Copenhagen, Denmark—
Nungesser-Dickinson Seed Co., 400 bags seeds.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Trade Directory

PRICE: \$3.00, postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St.

CHICAGO

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT,
PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED
GRANDIFLORA AND SPENGER SWEET PEAS, AND SUNFLOWER.

Company

Lilium Harrisii BULBS

	Per 100	Per 1000
5 in. to 7 in.....	\$ 5.00	\$40.00
7 in. to 9 in.....	9.00	80.00
9 in. to 11 in.....	22.00	.....

Freesia Refracta Alba

	Per 100	Per 1000
Mammoth size.....	\$1.75	\$12.00

For Immediate Delivery.

PAPER WHITE NARCISSUS GRANDIFLORUS

Prices on application.

J. M. THORBURN & CO.
53 Barclay Street, through to 54 Park Place
NEW YORK CITY.

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, NEBRASKA

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.

Woolworth Bldg., New York City

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc.

Moorestown, New Jersey

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Asters,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomdale
Farm.

Bristol, Pa.

SOW NOW!

ANTIRRHINUM

Giant Silver Pink. Sold only in originator's packets. Tr. pkt., \$1.00; 3 pkts. for \$2.75.

Nelrose. Flowers silver pink. Tr. pkt., 30c; 4 pkts. for \$1.00.

MIGNONETTE

Boddington's Majesty. The finest of all Mignonette. Tr. pkt., 60c; ½ oz., \$1.00; oz., \$7.50.

Allen's Defiance. Tr. pkt., 50c; oz., \$6.00.

New York Market. Tr. pkt., 50c; oz., \$6.50.

SHAMROCK

True Irish. Tr. pkt., 25c; oz., \$1.00; ¼ lb., \$3.00; lb., \$10.00.

SCHIZANTHUS

Grandiflorus Boddingtonii. Flowers are large and varied. An elegant pot plant. Tr. pkt., 75c; 3 Tr. pkts. for \$2.00.

Wisetonensis. Compact strain. Excellent for pots. Tr. pkt., 50c; 3 tr. pkts. for \$1.25.

STOCKS—DOUBLE WINTER

Beauty of Nice. Daybreak pink. Tr. pkt., 25c; ¼ oz., \$1.00; oz., \$3.50.

Crimson King. Fiery crimson. Tr. pkt., 25c; ¼ oz., \$2.00.

Empress Augusta Victoria. Silvery lilac. Tr. pkt., 25c; 5 tr. pkts., \$1.00.

Lenox Purple. Light lavender. Tr. pkt., 25c; ¼ oz., \$1.00; oz., \$3.50.

Princess Alice. Pure white. Tr. pkt., 25c; ¼ oz., \$1.00; oz., \$3.50.

Queen Alexandra. Rosy lilac. Tr. pkt., 25c; ¼ oz., \$1.00.

Full list of Winter Spencer Sweet Peas and other Seasonable Flower Seeds will be found in our new Bulb Catalogue—free on request.

Arthur T. Boddington Co.
INC.

128 Chambers Street, NEW YORK

Mention the American Florist when writing

Dracæna Canes

All the best commercial varieties, including

Lindeni, Massangeana, Terminalis,
Fragrans, Imperialis, Sanderiana,
Amabilis, Lord Wolseley, Etc., Etc.

Write for import prices. Fall shipment.

McHUTCHISON & CO., The Import House, 95 Chambers St, New York

Mention the American Florist when writing

BEANS, PEAS, RADISH

AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write for prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St.,

Telephone Main 2762.

CHICAGO

Mention the American Florist when writing

Petunias Petunias

Seeds of our celebrated strains will be ready in November.

Seedsmen can safely recommend our Giants of California, Fluffy Ruffles, Giant White, Marvelous double, and Peony-Flowered double.

Gold Medal Panama—Pacific Exposition.
Silver Medal Panama—Calif. Exposition.

Prices and list on application.

T. B. SHEPHERD CO.,
VENTURA, CALIF.

THE G. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of
Pedigree Tomato Seeds Baltimore, Md.

American Bulb Co.

A. Miller, President.

WHOLESALE DEALERS IN

Bulbs, Seeds, Supplies, Etc.

178 N. Wabash Ave., Chicago, Ill.

THE

J. C. ROBINSON SEED CO.,

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Contract Seed Growers

Specialties: Pepper, Egg plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

My New PRICE LIST of

**Winter Orchid-Flowering
Sweet Pea Seed**

Has been mailed. If you have not received a copy, send Postal for it.

Part of new crop is ready now.

Ant. C. Zvolanek, Lompoc, Calif.

BARNARD'S
Seed Store
231-235 W. Madison St.
CHICAGO.

Send Us Your Order Now.

Imported Bulbs

**Narcissi, Hyacinths and Tulips
Freesias and Japan Lilies**

We Offer
The Best Stock Grown.

Write for
Trade Price List.

ST. LOUIS SEED CO.,

The Home of "Pure and Sure Seeds"

411-413 Washington Ave.,

St. Louis, Mo.

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KELWAY'S SEEDS--Flower, Vegetable and Farm

For present delivery or on contract.

Wholesale only.

Special quotations for next season and
from 1917 harvest now ready.

Langport,

England.

Mention the American Florist when writing

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed
and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
Solicited.

SWEDSBORO, N. J.

Grass Mixtures

— FOR —

Golf-Tennis-Polo

MEET ALL REQUIREMENTS FOR ALL SOILS

The Albert Dickinson Co.,
CHICAGO, ILL.

The L. D. Waller Seed Co.

Gaudalupe, California

Wholesale Growers of

**FLOWER SEEDS, SWEET
PEAS AND NASTURTIUMS**

Correspondence Solicited.

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Mention the American Florist when writing

BRUNNINGS

Now contracting for Beans and Peas
for 1917, 1918 stocks being exhausted.

AUSTRALIAN BROWN ONION

1915-1916 crop seed still available

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

PALMS.

Joseph Heacock Co.,

Wyncote, Pa.

Mention the American Florist when writing

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip,
Radish, Beet, Etc.

Branches: Michigan,
Wisconsin and Idaho.

MILFORD, CONN.



SWEET PEAS==SOW SOON

WINTER FLOWERING—Spencer Types

Trade Packets contain one-quarter ounce		Trade Pkt. Oz.	Lb.
Mrs. A. A. Skaach. Flowers bright shell pink.....	\$0 20	\$0 65	\$8 00
Mrs. J. Manda. Light shell pink, extra long stems.....	20	65	8 00
Mrs. M. Spanolin. Black-seeded white.....	25	75	9 00
Mrs. William Sim. Salmon pink.....	20	65	8 00
Mrs. Woodrow Wilson. Appleblossom pink.....	30	1 00	....
Pink and White. Blanche Ferry Type.....	20	65	....
President Woodrow Wilson. Magenta rose.....	30	1 00	....
Selma Swenson. Clear light soft pink.....	30	1 00	12 00
Venus. Standard white, slightly blushed pink wings	25	75	....
White Orchid. White flowers of good substance..	20	65	....
Yarrowa. Rose, changing as the flower develops	20	65	8 00
to a light pink standard, tinted buff.....	20	65	8 00
Winter Flowering Spencers, Mixed.....	20	65	8 00

WINTER FLOWERING—Grandiflora Types

	oz.	1/4 lb.	lb.
Canary Bird. Early yellow.....	\$0 10	\$0 25	\$0 80
Christmas Countess { Sky Blue	10	35	1 00
Mrs. C. H. Totty {			
Earliest of All { Pink and White	10	30	1 00
Christmas Meteor. Brilliant Red.....	10	30	1 00
Christmas Prima Donna { Daybreak Pink	10	30	1 00
Mrs. F. J. Dolansky {			
Christmas White { Pure White	10	30	1 00
Mont Blanc {			
Florence Denzer {			
Mrs. Alexander Wallace. Lavender.....	10	35	1 25
Mrs. E. Wild. Bright Rose.....	10	35	1 25
Mrs. W. W. Smalley { Salmon Pink	10	35	1 25
Mrs. William Sim {			
Snowbird { Black-seeded White	10	35	1 25
Burpee's Earliest White {			
Mrs. Geo. Lewis. Black-seeded White.....	10	35	1 25
Le Marquis. Navy Blue.....	10	30	1 00
Winter-Flowering Grandiflora Type, Mixed.....	10	30	1 00

New Early Flowering Long Season Spencers

EARLY MORNING STAR Deep orange scarlet or flame color in standard with rich orange pink wings. 25 Seeds, 25c; Trade pkt. (1/4 oz.), \$1.25; oz., \$4.50 net.

EARLY SONG BIRD Is the same color as "Florence Morse Spencer." It has the same excellent form and features of Mrs. Hugh Dickson but is on white ground. 25 Seeds, 25c; Trade pkt. (1/4 oz.), \$1.00; oz., \$3.50 net.

EARLY MELODY Deeper shade of pink than "Early Song Bird" on white ground, closely resembling "Countess Spencer" and near "Hercules." 25 Seeds, 25c; Trade pkt. (1/4 oz.), \$1.00; oz., \$3.50 net.

EARLY SPRING MAID Light pink on a cream ground. 25 Seeds, 25c; Trade pkt. (1/4 oz.), \$1.00; oz., \$3.50 net.

EARLY SNOW FLAKE This is the best Early Flowering White Seeded Spencer. The blossoms are very large and of the best waved Spencer form. 25 Seeds, 25c; Trade pkt. (1/4 oz.), \$1.25; oz., \$4.50 net.

EARLY HEATHER BELL A rich but pleasing mauve, but after standing in water the color becomes a beautiful mauve lavender. 25 Seeds, 25c; Trade pkt. (1/4 oz.), \$1.25; oz., \$4.50 net.

WINTER FLOWERING—Unwin Types.

	Trade Pkt. Oz.	Lb.
Blue Jay. Bright blue self color.....	\$0 15	\$0 50 \$6 00
Lavender Nora. Most pleasing lavender.....	20	75

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31-33 W. Randolph St.
CHICAGO

VAUGHAN'S SEED STORE

43 Barclay St.
NEW YORK

Greenhouses, Nurseries and Trial Grounds, Western Springs, Ill.

Mention the American Florist when writing

James Vick's Sons

Seedsman, Nurserymen, Florists

SEEDS All the leading
PLANTS kinds for summer
BULBS and fall planting.

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R. & M. GODINEAU SEED GROWERS

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Dracæna Indivisa

2-in., \$2.00 per 100; \$18.00 per 1,000.

Per 1000
Vinca Variegata, 2 in., \$2.00 per 100....\$20.00
S. A. Nutt. 2-in.....16.00
Rex Begonias, 3-in.....per dozen 1.00
Satisfaction guaranteed.

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Chilwell Nurseries, LOWDHAM,
Notts, England

Market Gardeners

Vegetable Growers' Association of America.

H. W. Selby, Philadelphia, Pa., President;
H. F. Thompson, Arlington, Mass., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; Eugene Davis, Grand Rapids,
Mich., Treasurer.

Next annual convention will be held at
Springfield, Mass., in 1917.

POTATOES continue to make record
breaking prices.

Potato Crop in New Brunswick.

The 1915 potato crop in New
Brunswick, Canada, was smaller than
in two preceding years, having suf-
fered some damage from bugs and the
crop this year will be affected by the
scarcity of seed noticeable early in the
season. The potato crop area is
smaller than for some years past.
The price now is from \$2 to \$2.25 per
barrel, according to Edward A. Dow,
consul at St. Stephen.

Prices of Indoor Fruits and Vegetables.

Chicago, Oct. 10.—Mushrooms, home
grown, 15 to 25 cents per pound; let-
tuce, small cases, 10 cents; radishes,
\$1.00 per 100 bunches; celery, 40 to
50 cents per box; tomatoes, six bas-
kets, 50 cents to \$1.00; cucumbers, per
climax basket, 10 cents to 25 cents.

New York, Oct. 10.—Celery, per
crate, \$1.00 to \$3.00; cucumbers, 75
cents to \$3.00 per basket; mushrooms,
\$1.50 to \$3.00 per 4-pound basket; to-
matoes, per package, 50 cents to \$2.50;
radishes, per 100 bunches, 50 cents to
\$1.00; lettuce, per package, 25 cents to
\$1.50.

Potato Shippers Charged With Conspiracy.

Five members of the Aroostook
(Me.) Potato Shippers' Association,
who were indicted more than a year
ago on a charge of conspiracy to re-
strain trade in Aroostook county po-
tatoes, were brought to trial before
Judge Morton and a jury in the United
States district court, at Boston, Mass.,
October 3. They are: Carl C. King,
Caribou, Me., president; John M. Hovey,
Mars Hill, Me., secretary; Clarence A.
Powers, Maple Grove, Me., a member
of the listing committee; Edward H.
Doyle, New York, and H. W. Sylvester,
Boston. Able lawyers are engaged on
both sides, one of those for the defence
being Herbert Parker, former attorney-
general of Massachusetts.

In opening the case for the govern-
ment, Leo A. Rogers, special assistant
to the attorney-general, stated that the
government would endeavor to show
that the Aroostook Potato Shippers'
Association was an unlawful organi-
zation, because of its black-listing
methods, its threats to impose fines
and penalties in the enforcement of
its mandates, and finally, because it
contemplated a secondary boycott. A
secondary boycott, he explained, meant
blacklisting and boycotting persons,
simply because they did business with
others who had been blacklisted. It
was expected at the opening that the
trial would last a week or more. The
penalty attached, in case of convic-
tion, is imprisonment for a year or a
\$500 fine, or both. The prosecution is
under the Sherman anti-trust law.

A. F. F.

Massachusetts Agricultural College.

The college opened its doors Septem-
ber 27. Professor A. H. Nehrling re-
ports an enrollment of 30 students in
the courses in floriculture for the first
term. The new four-term schedule has
gone into effect, and under this plan
the college will never close its doors.
The department of floriculture and the
department of landscape gardening
will offer practical courses during the
summer months, which has been im-
possible under the old two-semester
system.

L. H. Jones of Milford, Mass., and
C. E. Wildon of Melrose Highlands,
Mass., have registered in the graduate
school as candidates for the degree of
M. Sc. in Floriculture. Both are gradu-
ates of the college.

A. S. Thurston has resigned as as-
sistant in the department of floricul-
ture and is now at Ames College, Iowa,
as head of the department of market
gardening and floriculture. C. E. Wil-
don has been appointed to fill the va-
cancy. Professor A. V. Osmun has
been appointed to the position of chief
of the department of botany recently
left vacant by the resignation of Dr.
George E. Stone.

S. W. Hall, of Saxonville, Mass., who
graduated from the course in floricul-
ture, is now with S. J. Goddard of
Framingham, Mass. G. A. Read, a re-
cent graduate of the college, is now
manager of the Peckham Floral Com-
pany, at Fairhaven, Mass.

Peter Fisher and wife, of Ellis, and
M. A. Patten and wife, of Tewksbury,
were recent visitors at the college
greenhouses.

The following officers of the florists'
and gardeners' club of M. A. C., have
been elected: E. Stanley Duffill, Mel-
rose Highlands, president; Walter I.
Cross, Hingham, Mass., vice-president;
John T. Dizer, East Weymouth, Mass.,
secretary-treasurer. Much interest
and enthusiasm is being aroused in the
club and the new president prophe-
sies the biggest year in its history.

Plans for the annual flower show
have been announced by Professor A.
H. Nehrling. Special prizes and ex-
hibits are being arranged for. The
Northampton & Holyoke Gardners' and
Florists' Club will again co-operate
with the department of floriculture.
Several new features, which will be
announced later, are to be incorporated
into the show this year. While the at-
tendance last year far exceeded that
of any previous show held on the
campus, a much larger attendance is
looked forward to this year because
of the increased interest which is be-
ing shown in the work of the depart-
ment all over the state.

The new perennial garden has at-
tracted much interest during the past
summer. Florists and gardeners in
this vicinity have paid frequent visits
to the garden and as a result many are
contemplating the culture of perennials
in conjunction with their regular flor-
ists' crops. Visitors have come from
as far away as Philadelphia to see the
garden and to take notes on the plants
which are being grown. The garden
now contains over 500 species and va-
rieties, and the department is planning
to add to this number from year to
year. Just now a collection of asters
and heleniums is attracting a great
deal of attention.

Soil Products Exposition at El Paso, Tex.

The United States department of
agriculture will make exhibits at the
International soil products exposition
at El Paso, Tex., October 14-24, con-
gress having appropriated \$20,000 for
the purpose. In addition, seven west-
ern and southwestern state experiment
stations will co-operate with the de-
partment. The exhibits will include
illustrations of some of the activities
in the promotion of agriculture in the
subhumid sections of the United States
as follows: Alkali and drought resist-
ing plant investigations, models show-
ing the habits of prairie dogs and other
rodents injurious to crops and methods
of control, sugar beet investigations,
crop acclimatization, pictures of va-
rious phases of forest work, etc.

The Way Up.

Henry P. Doodson, successful
banker, says: "Whatever job I had,"
he says, "was to me always the very
best job in the world and I tried to
fill it. I made no elaborate plans. If
I had any system it was first to do
my own work; second, to teach the
fellow below me how to take my place;
third, to learn how to fill the position
ahead of me.

"Boys and young men should not
imagine their work is so unimportant
that nobody takes note of how they
do it. It does not take long to find
out whether a boy is watching how
he can best be of help, or merely sits
down and waits to be told what to do.
The simple virtues of willingness, read-
iness, alertness and courtesy will carry
a boy farther than mere smartness."

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.

THE BEST AMERICAN BOOK ON THE SUBJECT
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GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuces, Onions, Peas,
Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carna-
tions, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, Pansies, Petunias, Phloxes, Primulas,
Scabiosa Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES (mixed), the most perfect
and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage
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All seeds offered are grown under my personal supervision on my own vast grounds,
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There is no waste, each plant having a finish that is at once saleable.

We offer a splendid assortment that should be in every store.

CROTONS, 300 varieties; **FICUS**, Pandurata and Utilis; **ROBUSTA**, **TEDDY**, Jr., **SCOTTI**, **CRAIGI**, **BOSTON**, **ELEGANTISSIMA** improved, and **SMITHI FERNS**; **FINISHED CYCLAMEN** and **BEGONIAS**; **ARECA** Lutescens, **PANDANUS**, **PHOENIX ROEBELENII**, in all their various sizes, stock you should have right now.

Let us send you a sample lot for Ten, Fifteen or Twenty-Five Dollars

They will beautify the shop,

put life and quality into your stock

as well as pep into the business.

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Large Stock of Fine Plants.

5-inch, at.....per doz., \$2.40	7-inch, at.....per doz., \$ 9.00
6-inch, at.....per doz., 4.20	8-inch, at.....per doz., 12.00
	9-inch, at.....per doz., 15.00

Extra Special—\$1.50

We have a very fine lot of 9-inch Boston Ferns at the above price. These are beautiful specimens.

Asparagus Sprengeri, 3 in....\$ 5.00	Latania borbonica, 7 in.....\$12.00
Asparagus plumosus, 2½ in... 3.00	Kentia Belmoreana, 5 in..... 9.00
Primula obconica, 4 in., \$1.50	English Ivy, 4 in..... 1.50
per doz..... 12.00	Pteris Wimsetti, 4 in..... 1.00
per doz..... 12.00	Pteris serrulata, 4 in..... 1.00
Cyclamen, best varieties and	Pteris cretica albo-lineata, 4 in. 1.00
colors, 5 in.....\$ 4.20	Aspidium Tsussimense, 3½ in. 1.00
Ficus Nitida, 4 in..... 3.00	Crotons, 4 in., doz., \$4.20; 5 in. 6.00

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The Nursery Trade

American Association of Nurserymen.

John Watson, Newark, N. Y., President; Lloyd C. Stark, Louisiana, Mo., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-second annual convention will be held at Philadelphia, Pa., June, 1917.

GRETNA, LA.—A nursery has been established on Fourth street by B. M. Wichers.

HARTFORD, CONN.—W. W. Hunt & Co. have purchased the business of Charles Turner & Co., 106 Pratt street.

MINNEAPOLIS, MINN.—Theodore Rudolph Wirth, eldest son of Park Superintendent Wirth, will enter West Point as a cadet next June.

TUXEDO, N. Y.—The schedule for the annual exhibition of the Tuxedo Horticultural Society, which will be held November 3-5, provides for awards in 98 classes. Copies may be obtained from Thomas Wilson, secretary.

NEWTON, MASS.—Following the death of his father, who succeeded him two years ago, when he resigned to enter business in Worcester, H. W. Ross has again taken the position as superintendent of Newton cemetery.

HEADING a movement to clear all public shade trees and other objects on the public highways of the state of all illegally posted advertisements, the Massachusetts Forestry Association enlisted the co-operation of automobile clubs, women's organizations, boards of trade and similar bodies during "Tear Down" week, October 9-14.

American Association of Park Supts.

A considerable delegation of the members of the American Association of Park Superintendents stopped off at Chicago, October 7, enroute to the annual convention which is in progress at New Orleans, La., this week. The visitors included Theo. Wirth and wife, J. A. Rigway, secretary Board of Park Commissioners, and wife, Frank Staley, Director Bureau Municipal Reserves, Civic and Commerce Association, Minneapolis, Minn.; Fred Nussbaumer, Commissioner Hyland, and Mr. Hausler, city architect, St. Paul, Minn.; Roland W. Coterill and J. W. Thompson, Seattle, Wash.; Conrad B. Wolf, Superintendent of Parks, Hibbing, Minn.; A. A. Beischjold, Chisholm, Minn.; Mr. Rawlings, Vancouver, B. C.; E. V. Goebel, Grand Rapids, Mich.; E. D. Philbrick, Virginia, Minn.

Supt. J. F. Foster of the South park system, Supt. E. A. Kanst of Lincoln park, Supt. A. C. Schrader of Garfield park and a number of other city officials entertained the members of the party during their brief stay by inspecting recent developments in the local park system and bathing beaches, with luncheon at the South Shore Country Club and dinner in the evening at the Lincoln Park refectory. The conventionites left on a late train for St. Louis, where they were scheduled to join the contingent of 30 or more from that city in special cars and continue on their way to the convention. Supt. Kanst, of Lincoln park, and wife left the following day and

H. S. Richards of the South park system and wife joined the eastern members sailing from New York early last week.

An elaborate programme has been prepared for the New Orleans meeting, with papers as follows: "City Planning in Relation to Park Properties," by Prof. James Sturgis Pray; "Playgrounds in Parks from a Designer's Standpoint," by Frederick Law Olmsted. "Trend of the Playground Movement as It Affects Parks," by Lebert Howard Weir; "Efficiency and Accounting in Park Administration," by Frank S. Staley; "The Role of National Parks in the Nation's Life," by R. H. Marshall; "Functions and Evolution of Municipal Parks," by James B. Shea, and "What This Convention Means to Us," by William Allen.

Pruning Shade Trees.

Under the above title, the University of Missouri agricultural experiment station at Columbia has issued Circular No. 81, by H. F. Major. It is well illustrated and treats of the right and the wrong way to prune shade trees as well as giving information regarding tree structure and the six forms into which trees may be divided, such as vase form, round-topped, boxiform, coniform, pyramidal and grotesque. Trees best adapted to shade on lawn and street are given in order of their preference to meet the required characteristics.

Jackson & Perkins Buy Additional Land

An important real estate transaction was the sale of the D. P. Smith farm to the Jackson & Perkins Company, Newark, N. Y. This is one of the finest farms in that vicinity and has been owned in the Smith family since pioneer days. It is located about three miles southwest of the city in the vicinity of another of the Jackson & Perkins Company farms. It will be used in the propagation of roses and nursery stock. The farm consists of 170 acres.

POT GROWN

Deutzia Gracilis

Very Bushy Plants—Now Ready.

Splendid Forcing Stock

	Doz.	Per 100
From 6-in. pots.....	\$2.60	\$18.00
From 8-in. pots.....	3.50	25.00

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Peacock Dahlia Farms,

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TREE, SHRUB AND PALM .. SEED

For the Nursery and Florist Trade.

My seed is fresh and reliable. For Prices address

GEORGE H. HOPKINS,

EAGLE ROCK STATION, LOS ANGELES, CALIF.

ROSES, CANNAS Shrubbery

THE CONARD & JONES CO.,
West Grove, Penna.

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PEONIES and IRIS

Write for list.

PETERSON NURSERY

Stock Exchange Building, CHICAGO



Japanese Garden and Rockery

For Hot House, Conservatory and Show Window made in short time. Wide experience

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ROSES

Pot grown 2 1/4 and 4-in.

Field grown to pot 6 to 6-in.

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Jackson & Perkins Co., Newark, New York

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Over Two Million Plants of SUPERIOR Quality.

All sizes from one foot to four feet. Very low prices in car-load lots.

Also Polish Privet, Amoor Privet and Berberis Thunbergii in quantity.

J. T. LOVETT, LITTLE SILVER,
NEW JERSEY

Some Fine Stock.

	Per 100	Per 1000
2½-in. Asparagus Plumosus.....	\$ 3.00	\$ 25.00
2½-in. Asparagus Sprengeri.....	3.00	25.00
2½-in. Asparagus Hatcheri.....	3.00	25.00
4-in. Asparagus Plumosus.....	7.00	65.00
4-in. Asparagus Sprengeri.....	7.00	65.00
2½-in. Begonias, 8 varieties.....	6.00	55.00
2½-in. Chinese Primroses, 20 kinds	3.00	28.00
3-in. Cyclamen, 8 separate vars...	8.00	75.00
4-in. Cyclamen, 8 separate vars...	20.00	175.00
2½-in. Snapdragons, white, pink and yellow	4.00	35.00
5,000 ferns in 5 varieties, fine stock, \$15, \$20 and \$25 per 100		
100,000 2 and 2½-in. Pot ger- aniums in 28 varieties.....	2.25	20.00
Also abundance of other stock. Correspond- ence Solicited.		

ALONZO J. BRYAN, Wholesale
Florist,
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Ferns in Flats

In Best Varieties For Fern Dishes.

\$1.50 per 100

100,000 READY NOW

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Next delivery about Nov. 15th at \$13.50 per 1000
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Asparagus Plumosus, fine stock at \$25.00 per
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BOXWOODS—MOST BEAUTIFUL STOCK

Pyramids, 2 -ft.....	\$1.00 each
Pyramids, 2½-ft.....	1.50 each
Pyramids, 3 -ft.....	2.00 each
Pyramids, 3½-ft.....	2.50 each
Standard Shape, 14x14 in....	2.50 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 15-in.....	.35c each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

Order Now BEFORE FROST Bostons, Crotons, Palms.



BAYS

Stems	TREE SHAPE	Each.	Pair
30-in.. Crowns 24-in.....		\$7.00	\$13.00
45-in.. " 26-in.....		7.50	14.00
48 in.. " 40-in.....		15.00	28.00
PYRAMID—5 ft. high 24 in. diam.		8.00	15.00
6 ft. " 26 in. "		10.00	18.00

Boxwoods

	IN TUBS	Each	Pair
PYRAMIDS—	2½-ft.....	\$2.00	\$3.75
	3-ft.....	2.50	4.50
BUSH—	24-inch.....	1.25	2.35
	30 inch.....	2.75	5.00
	36-inch.....	3.75	7.00
STANDARDS—	18-20-inch stem, 12-inch ball tops.	.00	5.50
	12-in. stem, 12-in. crown.....	1.25	2.25
	14-15-in. stem, 12-in. crown.....	1.50	2.75

Out of tubs 25c each reduction.

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CHICAGO NEW YORK

HILL'S CHOICE LANDSCAPE, DECORATIVE AND FORCING STOCK FOR FLORISTS' TRADE

Boxwoods — Pyramids, Standards, Globes, Bush, Dwarf—one of our leading specialties. Stocked in enormous quantities.
Bay Trees—Standards, Half Standards, Pyramids. We can save you money and give better quality. Let us prove it.
Hardy Tubbed Evergreens—Clipped specimens in Taxus, Thuys, Juniperus, Abies varieties in Pyramids, Globes and natural-shaped in large assortment.
Araucarias—Best sorts, best values, in both small and large sizes, for immediate effect and growing on.
Forcing Stock—Azaleas, Rhododendrons, Aucubas, Skimmia Japonica, Hydrangeas, Lilacs, Spireas, Magnolias, Japanese Maples, Wistaria Chinensis, Japanese Flowering Cherry, Peonies, Roses, in large assortment, choicest quality, best commercial sorts.

Wholesale price list will be mailed promptly on request.

THE D. HILL NURSERY COMPANY, INC.
EVERGREEN SPECIALISTS
LARGEST GROWERS IN AMERICA

Landscape Evergreens and Conifers—New, rare and standard varieties. Small, medium and large sizes supplied in perfect specimens, with ball and burlap. Largest and most extensive collection in America.

Window-Box Plants—Hardy Coniferous Evergreens for winter use. All hardy and desirable sorts, best selection, lowest prices. Also Bush Box and Dwarf Edging. This line offers wide-awake florists a grand opportunity to increase their sales and profits.

Deciduous Trees and Shrubs—Our leaders—Norway Maple, American White Elm and Japanese Barberry.

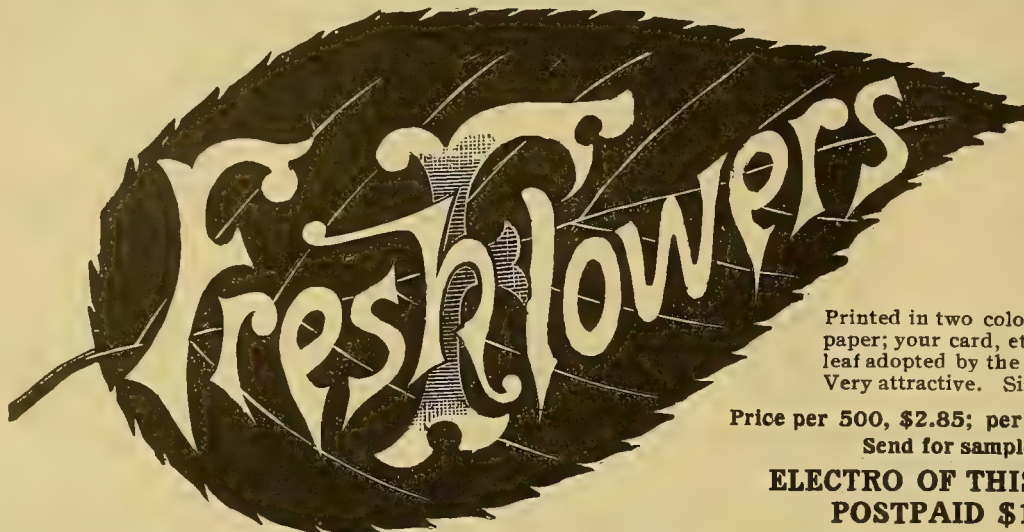
Young Stock for Lining Out—Ornamental Evergreens and Deciduous Trees and Shrub seedlings, rooted cuttings, grafts, etc., in large assortment at very low prices. Annual output, 10,000,000 plants.

Write for information and price today.

Box 404, DUNDEE, ILL.

WHOLESALE GROWERS AND IMPORTERS

Shipping Labels for Cut Flowers



Printed in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Very attractive. Size $6\frac{1}{2} \times 4\frac{1}{2}$.

Price per 500, \$2.85; per 1000, \$4.50.

Send for sample.

**ELECTRO OF THIS LEAF,
POSTPAID \$1.25**

American Florist Co., 440 S. Dearborn Street, Chicago.

If You are interested in Mid-Winter

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

**Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.**

Mention the American Florist when writing

Wichita, Kans.

BUSINESS SHOWS IMPROVEMENT.

Business is showing the usual "picking up" due about this time. September was a dry month, and this, with an unusually early frost, put the finish on most outdoor stock. As a consequence, the California chrysanthemums and Colorado carnations mingle with Chicago roses in filling out the stock cases in the stores. Greenhouse stocks are looking well as a rule, with interest centered on the chrysanthemums and carnations, neither of which are appearing in public very much as yet.

NOTES.

The Wichita fair and exposition is now on in full blast, and is a very successful and interesting exhibition. It takes the place of the old time state fair idea; is all under roof and is planned in a regular exposition manner, and has been uniformly successful from the initial exhibition five years ago. The horticultural, agricultural and industrial displays this year are splendid and come from all over the state. Taken, altogether, its plan and principle might well be considered in communities which have become too "grown up" to enthuse over the old and worn idea of the county fair. Chas. P. Mueller is a director of the exposition, and to say he is busy these days is putting it mildly.

The window display of W. H. Culp & Co., for "fashion show" night, October 5, stood high among the handsomest in the city.

C. A. Rose has rearranged the interior of his store, thus increasing his space and improving its attractiveness.

Seasonable Stock

ASPARAGUS PLUMOSUS, $2\frac{3}{4}$ in., \$3.00 per 100; 3 in., \$6.00 per 100.

ASPARAGUS SPRENGERI, $2\frac{3}{4}$ in., \$3.00 per 100; 3 in., \$5.00 per 100; 4 in. at \$10.00 per 100.

BOUGAINVILLEA SANDERIANA—The finest we ever grew. Trimmed plants, 3 in., \$10.00 per 100; 4 in., \$15.00 per 100; 5 in., \$25.00 per 100.

FERN DISH FERNS, $2\frac{1}{2}$ in. The best sorts, \$3.00 per 100.

FRENCH HYDRANGEAS, heavy, well-grown field plants with 12 to 18 shoots, ready for 7 to 8 in. pots. Pronounced grand by all visiting florists. Bouquet Rose, Vicomtesse de Vibraye, Lily Moulriere, Radiant, \$7.00 per dozen—\$50.00 per 100.

KENTIA PALMS, 4 inch pots, 15 to 18 inches high, 5 leaves, \$40.00 per 100; 5 inch pots, 18 to 24 in., 5 to 6 leaves, \$1.00 each.

CANTERBURY BELLS, (Campanula Media) fine field plants for potting for spring sales, ready for 5 inch pots. Blue, Rose and White, \$6.00 per 100.

FUNKIA NUDULATA VARIEGATA—A good seller from pots in early spring. Ready for 4 inch pots, \$6.00 per 100.

THE STORRS & HARRISON CO., Painesville, Ohio

Mention the American Florist when writing

Miscellaneous Plants.

	2-in. 100	2-in. 1000	3-in. 100	3-in. 1000
Alternanthera	\$2.00	\$18.50	\$3.00	\$25.00
Lantanas, 10 varieties.	2.00	18.50	3.00	25.00
Moonvines, white & blue	2.00	18.50	3.00	25.00
Parlor Ivy, S. Scandens	2.00	18.50	3.00	25.00
Petunias, Double and single, mixed	2.00	18.50	3.00	25.00
Pompon Chrysanthemums	2.00	18.50	3.00	25.00
Salvia, Bonfire & Zurich	2.00	18.50	3.00	25.00
Swainsona, white.	2.00	18.50	3.00	25.00

Cash with order.

**R. Vincent Jr. & Sons Co.
White Marsh, Md.**

Mention the American Florist when writing

Ferdinand Kuechenmeister says that an auto is great when it comes to pleasure rides into the country.

Visitor: Frank McCabe, of A. L. Randall Co., Chicago. C.

Horticultural Trade Journal

Published weekly. The Largest, Brightest and Best British Trade Publication. Also

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Published quarterly. Annual subscription for weekly and quarterly numbers One Dollar. (International money order.) Subscribe today and keep in touch with European markets and topics.

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BURNLEY, ENGLAND

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Ready Reference Section.

10 CENTS PER LINE, NET.



ARAUCARIAS.

Araucaria Excelsa, 5-in., 60c each; 6-in., 75c to \$1 each; 7-in., \$1.25 to \$1.50 each. Robusta Compacta, 6-in., \$1.25 each; 7-in., \$2 each. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS.

Asparagus Plumosus, 2½-in., \$3 per 100; 3-in., \$6 per 100. Sprenger, 2½-in., \$3 per 100; 3-in., \$5 per 100; 4-in., \$10 per 100. The Storrs & Harrison Co., Painesville, O.

Asparagus Sprenger, 3-in., \$6 per 100; 4-in., \$10 per 100. Plumosus, 2½-in., \$3.50 per 100; 3-in., \$7 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Asparagus Sprenger, 3-in., \$5 per 100; Asparagus plumosus, 2½-in., \$3 per 100. The George Wittbold Co., 737 Buckingham Place, Chicago.

ASPARAGUS PLUMOSUS SEEDLINGS, extra strong, \$6.00 per 1,000. VAUGHAN'S GREEN-HOUSES, Western Springs, Ill.

Asparagus plumosus, Sprenger and Hatcher, 2½-in., \$3 per 100; \$25 per 1,000. Alonzo J. Bryan, Washington, N. J.

Asparagus Sprenger, extra strong, 3-in., \$5 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

ASPARAGUS SPRENGER, 3-in., \$4 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

Asparagus plumosus, fine stock, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

AZALEAS.

Azaleas. W. & T. Smith Co., Geneva, N. Y.

BAY TREES.

Bay Trees. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEGONIAS.

BEGONIAS—Immediate Delivery.

Mrs. J. A. Peterson (new), 2½-in. pots. \$25.00 Per 1,000 200.00
JULIUS ROEHRS CO., Rutherford, N. J.

BEGONIAS.

Erfordil, 3-in. \$6.00 per 100
Chatelaine, 2½-in. 3.50 per 100
ERNEST ROBER, Wilmette, Ill.

Begonia Chatelaine, 2½-in., \$3.50 per 100; 3-in., \$8.00 per 100; 4-in., \$15 per 100; 5-in., 25c each. Poehlmann Bros. Co., Morton Grove, Ill.

Begonia Vernon, 2-in. stock, \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

BOXWOOD.

BOXWOODS.

PYRAMIDS. Broad, heavy specimens, 2 ft., \$1.90 each; 2½ ft., \$2.00 each; 3 ft., \$2.50 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee, Ill. Write for prices on larger sizes.

BUSH SHAPE, 10-12-in., balled, 30c each; 18-in., balled, 60c each; 30-in., balled, \$1.75 each.

THE D. HILL NURSERY CO., INC.
Box 404, Dundee, Ill.

BOXWOOD.

Boxwoods. (in tubs), pyramids, bush and standard shapes. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

Boxwoods, bush, 15-in., 50c each; 18-in., 60c each. Poehlmann Bros. Co., Morton Grove, Ill.

BULBS.

Bulbs. Chinese Narcissus, per mat (120 bulbs), \$5; 3 mats (960 bulbs), \$37.50. Narcissus (True), Paper White Grandiflora, 12 ctm. and up, \$7.85 per 1,000. Freesias (Purity True), ¼ to ½-in., \$1.25 per 100; \$10 per 1,000; ¾ to 1½-in., \$1 per 100; \$7 per 1,000. Lillium Formosum, 6 to 8-in., (350 to case), \$35 per 1,000; 7 to 9-in., (250 to case), \$58 per 1,000; 9 to 10-in., (180 to case), \$80 per 1,000; 10 to 12-in., (100 to case), \$100 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs. Lillium Formosum. Late-dug bulbs, ready for shipment now. 6 to 8-in., 400 to case, \$5.00 per 100; \$40.00 per 1,000; 7 to 9 in., 300 to case, \$7.00 per 100, \$60.00 per 1,000; 8 to 10 in., 225 to case, \$8.50 per 100; \$78.00 per 1,000. A. Henderson & Co., 211 N. State St., Chicago.

Bulbs. Paper Whites, per case of 1,300, \$9 per 1,000; per case of 1,500, \$7.75 per 1,000. Rainbow Freesias, new and very fine, in yellow, orange, lavender and pink, \$5 per 100; \$40 per 1,000. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Bulbs. Lillium Harrisii for immediate delivery, 5-in. to 7-in., \$5 per 100; \$40 per 1,000. 7-in. to 9-in., \$9 per 100; \$80 per 1,000. 9-in. to 11-in., \$22 per 100. J. M. Thorburn & Co., 53 Barclay St., New York City.

Bulbs. Lillium Formosum and Giganteum, ready now. For sizes and prices see advertisement on front cover page of this issue. Wm. F. Kasting Co., 568-570 Washington Street, Buffalo, N. Y.

Bulbs. Imported. Narcissus. Hyacinths and Tulips. Freesias and Japan Lilies. Write for trade price list. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Bulbs, seeds, supplies, etc. Wholesale only. American Bulb Co., 178 N. Wabash Ave., Chicago.

CALADIUMS.

Caladiums, finest fancy leaved varieties, 50c and 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

CARNATIONS.

Carnation plants, field-grown, extra fine stock for immediate shipment. Pink Enchantress, Rosette, \$5.50 per 100; \$50 per 1,000; Philadelphia, Bonfire (medium sized), \$5 per 100, \$45 per 1,000. Wieter Bros., 162 N. Wabash Ave., Chicago.

CARNATIONS.

CARNATION FIELD PLANTS.

The season has been exceptionally good for growing field plants with us and we offer the following very choice plants:

BELLE WASHBURN, the best commercial red carnation, winner of prizes wherever exhibited, per 100, \$12; per 1,000, \$100.

BASSETT & WASHBURN.

178 N. Wabash Ave., Chicago.

CARNATIONS. Enchantress, Rose Pink Enchantress, Philadelphia and Beacon, \$6 per 100. Rosette, 6c; second size, 4c. Cash please. HARRY HEINL, West Toledo, O.

CARNATION PLANTS, good field-grown stock. Philadelphia, Matchless, Champion, Comfort, Enchantress and others. \$5.00 per 100. HENRY SMITH, Grand Rapids, Mich.

Carnation Aviator. Field plants, good strong healthy stock, \$12 per 100; \$100 per 1,000. Delivery now. J. D. Thompson Carnation Co., Joliet, Ill.

Carnations. F. Dörner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

Chrysanthemums, Pompon variety, 2-in., \$2.00 per 100; \$18.50 per 1,000; 3-in., \$3.00 per 100; \$25.00 per 1,000. R. Vincent, Jr. & Sons Co., White Marsh, Md.

CHRYSANTHEMUMS. Good commercial varieties, 2½-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

COLEUS "Defiance." It defies any other coleus for commercial purposes. C. Winterich, Cyclamen Specialist, Defiance, O.

Coleus, Emperor William, 5-in., 25c to 35c each. Poehlmann Bros. Co., Morton Grove, Ill.

CROTONS.

Crotons, 4-in., \$4.20 per doz.; 5-in., \$6 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

Crotons, 4-in., 40c each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN, fine 4-in. stock, giant quality, \$15.00, \$20.00 and \$25.00 per 100. C. Winterich, Cyclamen Specialist, Defiance, O.

Cyclamen, best varieties and colors, 5-in., \$4.20 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CYCLAMEN.

CYCLAMEN GIGANTEUM SEED.

Improved Wandsbek Type.
White, white with eye, light red, rose pink, bright red, dark blood red. Equal divided, \$6.00 per 1,000; including Glory of Wandsbek, \$1.00 per 100.

Glory of Wandsbek, dark and light salmon, separate, \$8.00 per 1,000; \$1.25 per 100.

Improved Glory of Wandsbek, dark and light. Best salmon, some are nearly double flower, extra large and easy grower, good bloomer, \$10.00 per 1,000, \$1.50 per 100.

Roccoco erecta, new mixed color or separate. This variety is new and not to be compared with the old. Easy to grow, good bloomer, fit to grow in quantities, \$12.00 per 1,000, \$2.00 per 100.

ERNEST ROBER,

Wilmette, Ill.

DAHLIAS.

Dahlias. Best new and standard varieties. Peacock Dahlia Farms, Williamstown Junction, N. J.

DAISIES.

BEST FLOWERING DAISIES. Chicago
White, special strain, 2½-in., \$5.00 per 100; Ettoile D'Or (yellow), 2½-in., \$5.00 per 100. Cash, please. A. E. HUNT & CO., 30 E. Randolph St., Chicago.

DRACAENAS.

Dracaena canes. All the best commercial varieties. Write for import prices. Fall shipment. McHutchison & Co., 95 Chambers St., New York.

DRACAENA INDIVISA, 5-in., \$35.00 per 100; 4-in., \$15.00 per 100; 3-in., \$6.00 per 100. ERNEST ROBER, Wilmette, Ill.

DRACAENA INDIVISA, 5-in., 35c. Harry Heinl, West Toledo, O.

Dracaena indivisa, 2-in., \$2 per 100, \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

FERNS.

BOSTON FERNS.

	Per dozen.
5-inch	\$2.40
6-inch	4.20
7-inch	9.00
8-inch	12.00
9-inch	15.00

The George Wittbold Co., Chicago.
737 Buckingham Place,

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias, H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns, Boston, 4-in., \$15 per 100; 7-in., \$6 per doz.; 8-in., \$1 each, \$9 per doz. Large plants in 11 and 12-in. pots, \$2.50 and \$5 each. R. Vincent, Jr. & Sons Co., White Marsh, Md.

BOSTON FERNS, fine, heavy plants from 4-in. pots, \$1.50 per doz., \$12.00 per 100; 5-in., extra fine, \$2.25 per doz., \$18.00 per 100. THE WAGNER PARK NURSERY CO., Sidney, O.

TABLE FERNS, best varieties, fine stock, 2-in., \$3 per 100, \$25 per 1,000; 3-in., \$5 per 100, \$40 per 1,000. HENRY SMITH, Grand Rapids, Mich.

FERNS—Boston, Roosevelt, Springfield, 4-in., \$7.50 per 100; 3-in., \$5.50 per 100. Fine stock. Cash with order. THE COLONIAL GARDENS, Orlando, Fla.

Fine Nephrolepis ferns. For varieties and prices see advertisement elsewhere in this issue. F. R. Pierson Co., Tarrytown, N. Y.

Ferns, Boston, 5-in., 40c each. New fern, John Wanamaker, 6-in., 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

Fern dish ferns, 2½-in., best sorts, \$3 per 100. The Storrs & Harrison Co., Painesville, O.

GERANIUMS.

GERANIUMS. Extra strong, 2-in., S. A. Nutt, Ruby (best dark red), Dagata, Ricard, Red Wing, Vlaud, Landry, La Favorite, Perkins, Oberle and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wylie, Aviator, Rogers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poltevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. F. H. DE WITT & CO., Wooster, O.

Geraniums, in good 3-in. stock at \$3 per 100; \$25 per 1,000; 2-in., at \$2 per 100. R. Vincent, Jr. & Sons Co., White Marsh, Md.

GERANIUMS. Mixed varieties, fine healthy plants, \$8.00 per 100. M. C. GUNTERBERG, 153 North Wabash Avenue, Chicago.

Geraniums, 100,000 in 2 and 2½-in. pots, in 28 varieties, \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, S. A. Nutt and Buchner, \$13.50 per 1,000; Ricard and Poltevine, \$16 per 1,000. Albert M. Herr, Lancaster, Pa.

GREENS.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. Caldwell, The Woodsman Co., Evergreen, Ala.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

HEDGE PLANTS.

	Per 1,000
Calif. Privet, 1 yr., 10 to 18-in.	\$ 6.00
" " 2 yr., 12 to 18-in.	10.00
" " 2 yr., 18 to 24-in.	12.00
" " 2 yr., 2 to 3 ft.	15.00
Spirea, Van Houttei, 3 to 4 ft.	7.00
" Reeresii, 3 to 4 ft.	7.00
Althea, Named, 2 to 3 ft.	10.00
Barberry, Thun., 12 to 18-in.	4.00
" " 18 to 24-in.	7.00

Send for complete trade list.

THE LANCASTER COUNTY NURSERIES,
R. F. D. No. 7, Lancaster, Pa.

HYDRANGEAS.

HYDRANGEA OTAKSA, and French varieties, Emile Moullere, Avalanche, Bouquet Rose, from 4-in. pots, \$1.75 per doz., \$13.50 per 100; 5-in., \$2.50 per doz., \$20.00 per 100; 6-in., \$3.75 per doz., \$30 per 100. All fine heavy plants. THE WAGNER PARK NURSERY CO., Sidney, O.

Hydrangeas. Fine pot-grown plants for October shipment. Otaksa, 4-in., \$15.00 per 100; 5-in., \$25.00 per 100; 6-in., \$35.00 per 100. French varieties, 4-in., \$15.00 per 100; 5-in., \$25.00 per 100; 6-in., \$35.00 per 100. A. Henderson & Co., 211 N. State St., Chicago.

HYDRANGEA OTAKSA, 3-in., \$5 per 100. Flowering sizes pot-grown, 25c to 50c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LANTANAS.

LANTANAS, mixed, 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the valley. Finest in existence. For quotations address Otto Mann, Leipzig, Saxony, Germany.

MOONVINES.

Moonevines, lemon verbenas, swainsona, parlor ivy, S. scandens, alternanthera, coleus Salvia Bonfire and Zurich, cuphea, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr. & Sons Co., White Marsh, Md.

NURSERY STOCK.

Write for wholesale price list of ornamental nursery stock. MAYWOOD NURSERY CO., Maywood, Ill.

ORCHIDS.

Orchids in season, gardenias and roses in all leading varieties. Beechwood Heights Nurseries, Bound Brook, N. J.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

LATANIA BARBONICA PALMS, 15-in. tubs, suitable for decorative work, \$5 each. Pandanus Veitchii, 15-in. tubs, \$5 each. HENRY SMITH, Grand Rapids, Mich.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th sts., Philadelphia, Pa.

Kentia Palms, 4-in., \$40 per 100; 5-in., \$1 each. The Storrs & Harrison Co., Painesville, O.

Palms. Joseph Heacock Co., Wyncote, Pa.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. HENRY SMITH, Grand Rapids, Mich.

Pandanus Veitchii, 4-in., 35c each; 6-in., 75c to \$1 each; 7-in., \$1.25 each; 9-in., \$2.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

PANSIES.

Giant Flowering Pansy seedlings, heavily rooted, 35c per 100; \$2.50 per 1,000. Steele's Private Stock Pansy seedlings, exhibition strain. 50c per 100, \$4.50 per 1,000. Prepared to ship immediately short distances; advise shipping long distances only after October 10, to allow frost to harden. Cash. JOS. H. CUNNINGHAM, Delaware, Ohio.

PEONIES.

PEONIES—\$20,000 worth of best named varieties at our nursery, Western Springs, Ill. Now is planting time. Let us quote you. VAUGHAN'S SEED STORE, Chicago and New York.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

Peppers, Bird's-Eye, bushy plants, 4-in., \$12.00 per 100; \$100.00 per 1,000.

Peppers, Celestial, 4-in., \$12.00 per 100; \$100.00 per 1,000.

Jerusalem Cherry, 4-in., \$12.00 per 100; \$100.00 per 1,000.

PYFER & OLSEM, Wilmette, Ill.

PRIMROSES.

PRIMROSES, Obconica, Chinensis and Malacoides, 2-in. pots at \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

POINSETTIAS.

POINSETTIAS, true Christmas double flowering, 2½-in. stock, \$5.00 per 100; \$47.50 per 1,000.

C. Winterich, Cyclamen Specialist, Defiance, O.

POINSETTIAS, fine plants, \$5.00 per 100. HENRY SMITH, Grand Rapids, Mich.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

PRIMULAS.

PRIMULA MALCOIDES.		
Extra fine stock.	100	1,000
2-inch	\$3.00	\$27.50
2½-inch	4.00	35.00
3-inch	6.00	50.00

PYFER & OLSEM, Wilmette, Ill.

PRIMULAS.

Obconica, 2-in.	\$3.00
Malcoides, 2-in.	3.00
Malacoides, 3-in.	6.00

ERNEST ROBER, Wilmette, Ill.

PRIMULA OBCONICA. Gigantea in splendid colors. (no white). 4-in., ready for 5-in., fine for Christmas, \$6.50 per 100. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Primula Obconica, 4-in., \$1.50 per doz., \$12 per 100. The George Wittbold Co., 737 Buckingham Place, Chicago.

PRIVET.

California Privet, of superior quality, in all sizes from one to four feet. J. T. Lovett, Little Silver, N. J.

PTERIS.

Pteris Wimsettii, 4-in., serrulata, 4-in., certica albo-lineata, 4-in., \$1.00 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

ROSES.**ROSES.**

2,000 White Killarney, 2½-in., grafted, good, big plants.....	\$8.00
2,000 Richmond, 2½-in., grafted, good, big plants	8.00
1,000 Cecile Brunner, 3-in., own root, choice stock	4.00
500 American Beauty, 3-inch.....	8.00

BASSETT & WASHBURN, Chicago.
178 N. Wabash Ave., Chicago.

FINE 2½-INCH ROSE PLANTS.

Killarney	100	1,000
Richmond	\$4.00	\$35.00
Geo. Elgar (Baby Yellow).....	3.00	25.00
	4.00	35.00

WIETOR BROTHERS,
L. D. Phone, Randolph 2081.
162 N. Wabash Ave., Chicago.

Roses. Grafted 3½-in. stock: Pink and White Killarney, Brilliant, Old Gold, Scott Key, Elgar, \$140 per 1,000. Grafted 2½-in. stock: White Killarney, \$100 per 1,000. Own root, 3½-in. stock: Pink and White Killarney, Old Gold, Richmond, Elgar, \$96.70 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

English Roses. Guaranteed two-year-old, low budded on briar, clean, hardy, field-grown stock. Dwarfs and climbers. For varieties and prices see advertisement elsewhere in this issue. Bees, Ltd., 1075 Mill St., Liverpool, Eng.

ROSE PLANTS, Pink and White Killarney, 3-in. pots, own roots, \$6 per 100; \$50 per 1,000. My Maryland, 3-in., at \$8 per 100, \$75 per 1,000. All first-class stock. HENRY SMITH, Grand Rapids, Mich.

ROSES. 300 good, healthy Killarneys, grafted from 4-in. pots, 10c each, to close out. Cash or satisfactory reference. Can use a few Rose Pink Enchantress. W. W. COLES, Kokomo, Ind.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses, cannas and shrubbery. The Conard & Jones Co., West Grove, Pa.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seed. Sweet Peas. New early flowering, long season Spencers. Winter-Flowering. Unwin, Spencer and Grandiflora types. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

SEEDS.

Seeds. Antirrhinum, Mignonette, Schlizanthus, Shamrock and Stocks. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington Co., Inc., 128 Chambers St., New York.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, contract growers of cucumber, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, contract growers of pepper; egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, Lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, tree, shrub and palm. For nursery and florists. Write for prices. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seed. Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, specialties: Lettuce, onion, sweet pea, aster, cosmos, mignonette, verbenia in variety. Waldo Rohnert, Gilroy, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsley, parsnips, turnips. R. & M. Godineau, Angers, France.

Seeds, large growers and shipper of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Petunias. Our celebrated strains will be ready in November. Prices and list on application. F. B. Shepherd Co., Ventura, Calif.

Seeds. Flower and garden seeds. Sweet Pea and Nasturtium a specialty. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds. Vegetable, flower and forage. Simon Louis Freres & Co., Bruyeres-le-Chatel (Seine et Oise), France.

Seed. Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

Seed. High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds. Flower, sweet pea and nasturtiums. The L. D. Waller Seed Co., Guadalupe, Calif.

Seeds. All the leading kinds for summer and fall planting. James Vick's Sons, Rochester, N. Y.

Seed. Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seeds, flower, vegetable and farm. Wholesale only. Kelway's, Langport, England.

SEEDS.

Seeds. Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seeds. Flower and garden. Barnard Seed Store, 231-235 W. Madison St., Chicago.

Seed. For the wholesale trade only. Brazilian Seed Growers' Company, San Jose, Calif.

Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seeds which succeed. Get quotations from Landreth, Bristol, Pa.

SNAPDRAGONS.

SNAPDRAGONS, the color of Ophelia rose, beautiful pink yellow, took first prize at the 1915 Cleveland show, topped and branched, 2-in., \$3.00 per 100; \$27.50 per 1,000. C. Winterich, Cyclamen Specialist, Defiance, O.

SWAINSONA.

SWAINSONA, 4-in. pots, fine plants, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

VEGETABLE PLANTS.

FIELD-GROWN PLANTS, all varieties: Cabbage, \$1.00 per 1,000; \$8.50 per 10,000. Celery, \$2.00 per 1,000. Parsley, \$2.50 per 1,000. F. M. PATTINGTON, Scipioville, N. Y.

Grand Rapids and Big Boston head lettuce, transplanted, \$2.50 per 1,000. Seedlings, \$1.00 per 1,000. Satisfaction guaranteed. S. T. DANLEY & SON, Macomb, Ill.

VINCAS.

Vinca variegata, 2-in., \$2 per 100; \$20 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

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VIOLETS. Gov. Herrick; strong field grown clumps from selected blooming stock, \$5.00 per 100. Cash. W. H. Culp & Co., Wichita, Kansas.

VIOLETS. Gov. Herrick. The best of all. Fine field clumps, \$5.00 per 100; \$45.00 per 1,000. C. Winterich, Cyclamen Specialist, Defiance, O.

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Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoo Bros., 61-75 Metropolitan Ave., Brooklyn, N. Y.

Choice landscape, decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., box 404, Dundee, Ill.

Japanese tea garden and rockery for your greenhouse and conservatory. Made in a short time. T. R. Otsuka, 300 S. Michigan Ave., Chicago.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Av., Detroit, Mich.

Boiler flues, cleaned and trimmed. Stuttle's clamps and elbows to join flues. H. Munson, 1353 N. Clark St., Chicago.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Daylite glass cleaner, quick and powerful. Will not injure paint or putty; leaves no greasy surface. Andersen Specialty Co., 6 E. Lake St., Chicago.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

MISCELLANEOUS.

Vaughan's perfection points. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Nursery stock of all descriptions. Catalogues and price lists free on application. The Storrs & Harrison Co., Palmsville O.

Florists' Greening Pins. Box of 10 lbs., \$1.50; 5 boxes, \$7.00. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Catalogues. Large runs our specialty. Write for prices. Regan Printing House, 527 Plymouth Place, Chicago.

Baskets of every description. Write for catalogue. Raedlein Basket Co., 713 Milwaukee Ave., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 1302-1308 West Division street, Chicago.

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Boilers of high grade for greenhouses. Write for catalogues. Giblin & Co., Utica, N. Y.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Blooming plants or anything in soft wooded plants. Geo. A. Kuhl, Pekin, Ill.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastic for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Hall storm insurance. John G. Esler, Saddle River, N. J.

Glass, large stock and good prices. Sharp, Partridge & Co., Chicago.

Wired toothpicks, 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Greenhouse boilers. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Everything the best in florists' supplies. H. Bayersdorfer & Co., 1127 Arch St., Philadelphia.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

GREENHOUSE INSURANCE.

Cyclone and hail insurance; also insurance on growing crops while in the fields. The American Mutual Cyclone and Hail Insurance Co., Muncie, Ind.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 982 Blackhawk St., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Pecky Cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

INSECTICIDES.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scalline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nikoteen, excellent for spraying. Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset flower, vegetable waterproof paper pots. Vaughan's Seed Store, Chicago and New York.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kohr, 2934-36 N. Leavitt St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c for 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 264 Randolph St., Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

STAKES.

Cane Stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000. Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Rose stakes, extra stiff, No. 9 galvanized wire, 4 1/2 ft., \$13.50 per 1,000; carnation supports, \$18 per 1,000. The Carnation Support Co., Connersville, Ind.

WIRE WORK.

Florists' wire designs and fancy wire lamp shades. NORTHWESTERN WIRE WORKS, 223 13th Ave., N. E., Minneapolis, Minn.

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., REQUIRED BY THE ACT OF CONGRESS

OF AUGUST 24, 1912,

of THE AMERICAN FLORIST, published weekly at Chicago, Ill., for Oct. 1, 1916.

State of Illinois, County of Cook.

Before me, a Notary Public in and for the state and county aforesaid, personally appeared Michael Barker, who, having been duly sworn according to law, deposes and says that he is the editor and business manager, of THE AMERICAN FLORIST, and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management, (and if a daily paper, the circulation, etc.,) of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, embodied in section 443, Postal Laws and Regulations, printed on the reverse of this form, to wit:

1. That the names and addresses of the publisher, editor, managing editor, and business managers are:

Publisher, American Florist Company, 440 South Dearborn Street, Chicago, Ill.
Editor and Business Manager - Michael Barker, 440 South Dearborn Street, Chicago, Ill.

2. That the owners are: (Give names and addresses of individual owners, or, if a corporation, give its name and the names and addresses of stockholders owning or holding 1 per cent or more of the total amount of stock.) Estate of E. Asmus, W. Hoboken, N. J.; M. Barker, 440 S. Dearborn St., Chicago, Ill.; W. Atlee Burpee Estate 485 N. Fifth St., Philadelphia Pa.; John Burton, Willow Grove Ave., Chestnut Hill, Pa.; J. D. Carmody, Evansville, Ind.; W. W. Coles, Maple Hill Rose Farms, Kokomo, Ind.; Robt. Craig, 49th and Market Sts., Philadelphia, Pa.; J. B. Deamud, 1055 Dean St., Brooklyn, N. Y.; James Dean, Freeport L. I., N. Y.; Emersa J. Dickey, care of Byron Reed Co., 212 S. 17th St., Omaha Neb.; Wm. Falconer, Allegheny Cemetery, Pittsburgh, Pa.; Maggie Harris, 55th St. and Springfield Ave., Philadelphia, Pa.; Mrs. Sarah Lonsdale, Lompoc, Calif.; Mrs. Catherine Mathison, Waltham, Mass.; John N. May, Summit, N. J.; F. R. Pierson, Tarrytown, N. Y.; Isaac D. Sailer, 929 Chestnut St., Philadelphia, Pa.; Estate of Louise Schiller, 2207 W. Madison St., Chicago, Ill.; H. A. Siebrecht, New Rochelle, N. Y.; W. J. Stewart, 147 Summer St., Boston, Mass.; J. C. Vaughan, 31 W. Randolph St., Chicago, Ill.; Annie G. Whitnall, 4001 Harvard Blvd., Los Angeles, Calif.; C. B. Whitnall, 026 Locust St., Milwaukee, Wis.

3. That the known bondholders, mortgagees, and other security holders owning or holding 1 percent or more of total amount of bonds, mortgages, or other securities are: (If there are none, so state.)

There are no bonds, mortgages or other securities outstanding against THE AMERICAN FLORIST.

4. That the two paragraphs next above, giving the names of the owners, stockholders and security holders if any, contain not only the list of stockholders and security holders as they appear upon the books of the company but also, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, is given; also that the said two paragraphs contain statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner; and this affiant has no reason to believe that any other person, association, or corporation has any interest direct or indirect in the said stock, bonds, or other securities than as so stated by him.

AMERICAN FLORIST COMPANY.

Michael Barker, Sec'y.

Sworn to and subscribed before me this 28th day of Sept., 1916.

J. JOS. BERNIER, Notary Public.

[SEAL.]
(My commission expires April 21, 1918.)

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

It Will
Mean

MONEY IN YOUR POCKET

If You
Will

LET US SOLVE YOUR GRATE PROBLEMS.

OWING to the scientific construction of the **HANSELL ROCKER GRATE**, we can positively guarantee a considerable **SAVING IN FUEL**, maximum boiler efficiency at minimum cost and practically eliminate repairs.



Cross-Bar, showing Removable Fingers and correct air area, resulting in perfect combustion, more heat, less fuel, impossible to burn out, a pleasure to operate.

TO GREENHOUSE OWNERS:

We have a special offer to make you, whereby you can convince yourself as to the merits of our grate, without cost. The result of our installations in greenhouses should interest you. Write for particulars, **TODAY**.

HANSELL GRATE COMPANY,

654 Railway Exchange Building,

Chicago

Pexto's New Pruning Shear Board.

The success it has had with the two display fixtures brought out in the past year or so, has convinced The Peck, Stow & Wilcox Company, of Cleveland, O., and Southington, Conn., that dealers generally appreciate how much easier it is to sell goods that are shown than goods that are hidden away in a drawer. It is, therefore, adding new display fixtures to those already produced, the latest one being a pruning shear board. The first of the Pexto displays was a pruning shear fixture. It was brought out as something of an experiment to see how the trade would take to the idea. The reception given the pruning shear board led to the offering later of plier, screwdriver, brace, and snip boards.

The new pruning shear fixture is a companion for all the other Pexto boards now on the market. Like them, it is made of metal and finished in four colors, orange, blue, black and white. The color combination is striking and when the board is mounted with tools it cannot fail to attract attention in the window or inside the store. The size is handy, 19x27 inches, and the board is provided with a chain for hanging and an easel back for standing. Thirteen of the 24 styles of Pexto pruning shears are shown and identified by number with a space under each shear for the price. A complete list of retail prices is printed on the back of the board. The Peck, Stow & Wilcox Company states that dealers who cannot get these boards through their jobbers should write direct to the Cleveland office of the company about them.

Folding Canopy For Florists.

A recent innovation which is attracting considerable attention among the trade is a folding floral canopy introduced by Reed & Keller, well-known importers and manufacturers of florists' supplies, New York. The device permits of being compactly folded, making it easy to transport, and when not in use, requires very little storage room. When set up, its extreme height is nine feet, two inches, the spread of the shell being five feet. A larger size admits of a six foot spread.

BROOKLYN, N. Y.—A petition in bankruptcy scheduling liabilities of \$1,563 and assets \$125, has been filed by Louis Kaiser, florist, 1318 Cortelyou road.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

American Florist Co., 440 S. Dearborn St., Chicago

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GREENHOUSE LUMBER

1866-1916

**"ALL-HEART" CYPRESS
WORKED TO SHAPES.**

HOTBED SASH.

PECKY CYPRESS.

SQUARE RED CEDAR POSTS.

LOCKLAND LUMBER CO., Lockland, O.

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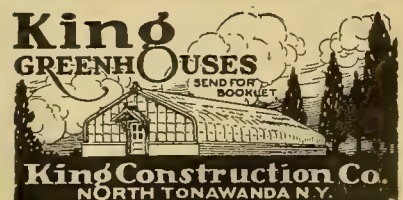
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THE CARNATION SUPPORT CO., CONNERSVILLE, IND.**

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Baskets,
Florists' Supplies

404-412 East 34th St. NEW YORK

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POT MAKERS FOR A CENTURY AND A HALF.

Standard, Azalea, Bulb, Orchid, Fern, Hanging, Embossed, Rose, Carnation, Palm, Cyclamen, Cut Flower. Special Shapes to Order. Chicken Founts, Pigeon Nests, Bean Pots, Etc.

WORLD'S LARGEST MANUFACTURERS.

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WAREHOUSES:
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Syracuse Red Pots Standard Pots Azalea Pots, Pans

A large stock ready for immediate shipments. Our catalogue will tell you all about them.

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SYRACUSE, N. Y.

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Kramer's Pot Hangers

For sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

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Those Red Pots

"STANDARDS"

Full size and wide bottoms.
BULB PANS and AZALEA POTS

DETROIT FLOWER POT M'FY

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490 Howard St.

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Standard Flower Pots

Porosity and Strength
Unsurpassed.

Write for prices.

A. F. KOHR

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After using all other makes, Florists prefer our

PLANT STAND

because it has proven by experience that it is the very best, most practical stand on the market. Enamelled green. Made in three sizes to extend to 30, 44 and 56 inches. Price, \$18.00 per dozen.

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Everything in Lumber. Write for prices.ADAM SCHILLO LUMBER CO. 1560 Kingsbury St., CHICAGO.
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Azalea Pots, Hanging Baskets, Lawn Vases, Urns, Etc.

RED POTS

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WM. M. WARRIN
16 W 23rd St., NEW YORK

"MOSS AZTEC" WARE

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6 E. Lake St., CHICAGO

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TILE GREENHOUSE BENCHES

When erecting your next bench, why not build with material that will last? Our Clay Tile Benches need no replacing, and the cost is very little more than wood. Are now furnishing our new beveled rounding corner 9-inch width Floor Tile. Write for particulars. CAMP CONDUIT CO., Cleveland, O.

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OUR SPECIALTY
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Order
Now
FOR
Fall
Shipping

NEPONSET Flower Vegetable Waterproof PAPER POTS

Waterproof, Don't Break, Cost Little. Shippers may use them and save their customers many dollars in express charges.

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Florist Specialties.
New Brand, New Style,
Hose "RIVERTON"Furnished in lengths
up to 500 ft. without seam
or joint.The HOSE for the FLORIST
¾-inch, per ft., 15 c
Reel of 500 ft., 14½ c
2 Reels, 1000 ft., 14 c
½-inch, 13 c
Reels, 500 ft., 12½ c
Couplings furnished.HENRY A. DREER
714 Chestnut St.,
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The First Garland Patent Cast Iron Gutters

were made over **Twenty Five Years Ago** and are still in use in the houses of Mr. Frank Garland at Des Plaines. Mr. Garland says that they are as good as new, and good for a **Hundred Years** more of service.

We are prepared to furnish Garland Gutters as good as these, as well as
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THOMSON'S VINE, PLANT & VEGETABLE MANURE

**FAMOUS
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Ensures success in your garden; so compounded from the finest ingredients procurable as to combine **STIMULATING** with **LASTING** effects, and produces in every crop vigorous, healthy and fruitful growth. The direct result of **LONG PRACTICAL** experience in gardening.

Used by Amateur and Professional Gardeners the world over.

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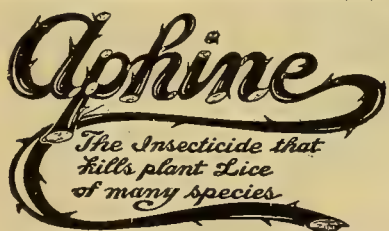
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For Special Terms to
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Apply to

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W^m THOMSON & SONS LTD CLOVENFORDS. N.B.

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The Recognized Standard Insecticide

A spray remedy for green, black, white fly, thrips and soft scale.

Quart, \$1.00. Gallon, \$2.50.

NIKOTIANA

A 12% nicotine solution properly diluted for fumigating or vaporizing.

Quart, \$1.50. Gallon, \$4.50.

Until further notice shipments on our products **Fungine, Vermine** and **Scaline** will be subject to conditions of the chemical market.

Prompt shipments can be guaranteed on **Aphine** and **Nikotiana**.

APHINE MANUFACTURING COMPANY
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WIZARD BRAND PULVERIZED SHEEP - PULVERIZED CATTLE SHREDDED CATTLE MANURE

A kind for every use about the greenhouse.
Ask for booklet, prices and quotations on bag or carload lots.

The Pulverized Manure Co.

32 Union Stock Yards, Chicago

Kansas City Stock Yards,
Kansas City, Mo.

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East St. Louis, Ill.



THE RENOWNED FOOD FOR PLANTS.

MANUFACTURED BY

CLAY & SON,

STRATFORD, LONDON, ENGLAND



NIKOTEEN

For Spraying.

APHIS PUNK

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Ask Your Dealer for it.
NICKOTINE MFG. CO.
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Tankage Fertilizer**

Is the best balanced fertilizer manufactured. It contains the ten salts constituting soil. It is giving satisfactory results wherever used.

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809 Exchange Ave., Room 5. Tel. Drover 1932
U. S. YARDS, CHICAGO, ILL.

Since Its Organization

The Florists Hall Association has paid
2,250 losses, aggregating 348,000.00.
For particulars, address

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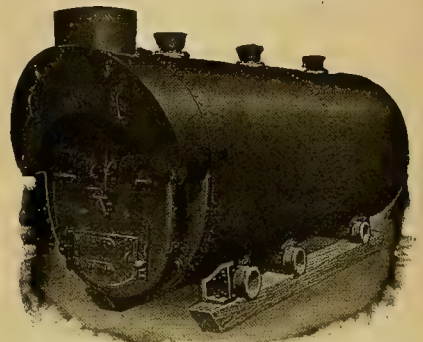
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3000 for \$1.00.
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& Son,

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side. Can't twist and break
the glass in driving. Galvan-
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is patented. No other like
it. Order from your dealer
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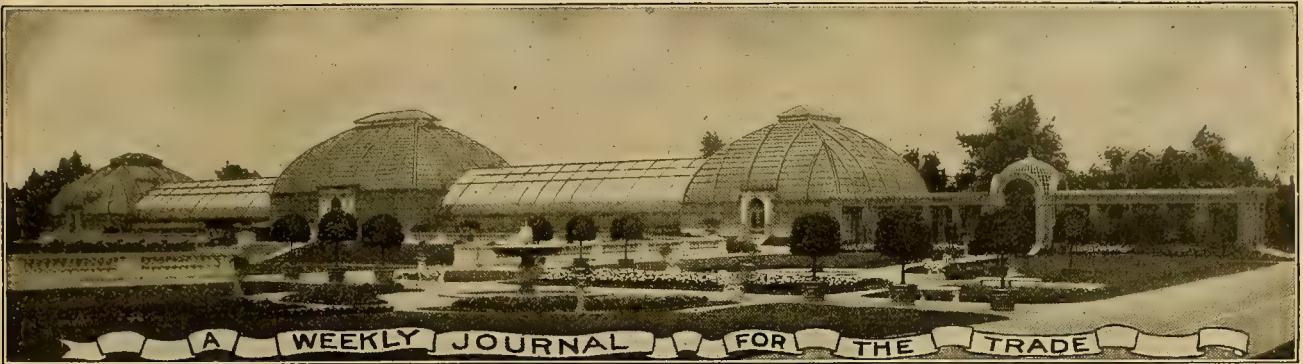
1000, 75c, postpaid.

Samples free.

HENRY A. DREER,
714 Chestnut Street,
Philadelphia.FULL
SIZE
No 2

Mention the American Florist when writing

THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

Vol. XLVII.

CHICAGO AND NEW YORK, OCTOBER 21, 1916.

No. 1481

THE AMERICAN FLORIST

ESTABLISHED 1885.

Copyright 1916, by American Florist Company,
Entered as Second Class Matter Nov. 11, 1891
at the Post Office at Chicago, Illinois,
under act of March 3, 1879.

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440 S. Dearborn St., Chicago.

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—DANIEL MACROBIE, San Francisco, Calif., President; ROBERT C. KERR, Houston, Tex., Vice-President; JOHN YOUNG, 53 West Twenty-eighth street, New York, Secretary; J. J. HESS, Omaha, Neb., Treasurer.

OFFICERS ELECT—R. C. KERR, Houston, Tex., President; A. L. MILLER, Brooklyn, N. Y., Vice-President; JOHN YOUNG, New York, Secretary; J. J. HESS, Omaha, Neb., Treasurer. Next annual conventions at New York, August 21-23, 1917; St. Louis, Mo., April 6-15, 1918.

FIFTH NATIONAL FLOWER SHOW.

The Fifth National Flower Show and the Thirty-fourth convention of the Society of American Florists will be held at St. Louis, Mo., April 6-15, 1918.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at Indianapolis, Ind., 1917. J. F. AMMANN, Edwardsville, Ill., President; W. J. VESSEY, JR., Ft. Wayne, Ind., Vice-President; A. F. J. BAUR, Thirty-eighth St. and Rockwood Ave., Indianapolis, Ind., Secretary.

AMERICAN ROSE SOCIETY.

Next annual convention and exhibition, 1917. S. S. PENNOCK, Philadelphia, Pa., President; LOUIS J. REUTER, Westerly, R. I., Vice-President; BENJAMIN HAMMOND, Beacon, N. Y., Secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA

Annual convention and exhibition at Philadelphia, Pa., November 8, 1916. WM. KLEINHEINZ, Ogontz, Pa., President; C. W. JOHNSON, 2134 W. 110th Street, Chicago, Secretary.

AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Boston, Mass., July 7, 1917. GEO. W. KERR, Doylestown, Pa., President; HARRY A. BUNTARD, 40 W. Twenty-eighth street, New York, Secretary.

Florists' Telegraph Delivery.

Special Meeting Held at Hotel La Salle, Chicago, October, 11-12, 1916.

Supplementing Report in Last Week's Issue.

The Closing Sessions.

The two day special meeting of the Florists' Telegraph Delivery, held at the Hotel La Salle, Chicago, October 11-12, at which the new constitution and by-laws were adopted at the opening session, the text of which, together with President Gude's address and portraits of prominent men identified with the proceedings appeared in our issue of October 14, pages 653-659, proved to be one of more than usual interest, the various discussions calling forth much valuable information in the exchange of viewpoints.

Thursday afternoon, on the invitation of J. C. Vaughan, the visitors made an auto trip through the parks to the South Shore Country Club with luncheon in the evening at the Bismarck Garden, as the guests of the A. L. Randall Co. The automobiles for the trip were contributed by August Poehlmann, Adolph Poehlmann, John Poehlmann, Peter Reinberg, George Reinberg, E. C. Amling, H. N. Bruns, A. Henderson, John Michelson, J. C. Vaughan, Chas. Hunt, Wm. J. Keimel, A. H. Schneider, H. Wehrmann, C. S. Claussen, Ernest C. Amling, H. C. Wendland, Paul E. Weiss, H. B. Kennicott, A. Zech, Geo. Wieland, Paul Klingsporn and John Kruchten. The Poehlmann machines were handsomely decorated with autumn foliage and cut flowers. The La Salle hotel rooms, used by the association during the meeting, were profusely decorated with choice flowers contributed by the Poehlmann Bros. Co., Chicago Flower Growers' Association, C. H. Frey, Lincoln, Neb., and others in the local trade. A few firms had exhibits adjoining the meeting room, namely Knight & Struck Co., New York, heaths and other plants; A. T. DeLa Mare Ptg. & Pub. Co., New York, books, and Hilmer V. Swenson Co., Chicago, advertising novelties.

Those who attended the meeting not in last week's list are as follows: F. D. Bermke, Chicago; Ross Bragg, Rochester, Minn.; George E. Davis, Evans-ton; John F. Carter, Chicago; Chas.

Henry Fox, Philadelphia, Pa.; H. Jenkins, Chicago; John E. Quallich, Chicago; F. B. Travis, Chicago, and Leonard H. Vaughan, Chicago.

Publicity Discussed.

Following the adoption of the constitution and by-laws, the question of publicity, both national and local, took first place in the proceedings. George Schulz, of Louisville, Ky., who was called upon by President Gude, stated that the florists in that city were great believers in advertising, both in newspapers and other mediums, and added that the public in general did not know enough about the advantages offered by the F. T. D. and until the public was educated to the proper point the desired results could not be accomplished. He expressed the opinion that in every case the trade mark should be placed on flower boxes and every piece of stationery sent out. Max Schling, of New York, said it was his opinion that to advertise half successfully \$12,000 would be a small annual appropriation for such a large body, but that a small advertisement inserted only occasionally would do no good. He did not believe the organization was far enough advanced to go into the matter on the large scale necessary. F. C. Weber, of St. Louis, stated that the trade hardly realize the volume of business that would come from all sections of the country if the general public were reached by direct advertising, but the list of members was large and would require much space to properly present the proposition and the names of the firms prepared to render the service. Mr. Kay of the Kay-Diamond Co., Youngstown, O., reported that his firm spent five per cent of their receipts in advertising and that there was not a man, woman or child in that city who did not know that the company was in business, and, further, that they knew that flowers could be delivered by them by wire or letter in any part of the world.

Western Union Cooperates.

Past-president Irwin Bertermann, of Indianapolis, spoke on the flower delivery service inaugurated by the Western Union Telegraph Co., stating that after investigation he was convinced that the telegraph company had no intention of taking business away from the F. T. D. He called upon a representative of the Western Union present, who stated that the idea which prompted the development of this business was that there were thousands of people away from home who need only be reminded that their dear ones at home would appreciate flowers above all other gifts by reason of the sentiment they convey. He assured the members of the F. T. D. that the Western Union Co. had no interest in the orders except the telegraph tolls and added that with enthusiastic co-operation the idea should prove profitable to both parties. President Gude then stated that the Western Union Telegraph Co. at Washington had been most liberal and helpful to the F. T. D. and that no matter how many orders it handles the business of the florist in general is being extended and some retailer is getting the benefit. The meeting then adjourned until 3 p. m.

Plans for Raising Funds.

At the opening of the afternoon session, Wm. L. Rock, of Kansas City, said, in part:

"In response to a letter sent to members in regard to methods of gaining funds for publicity, specifically asking the opinion of the members as to whether the funds should be secured by pro rata assessment or by voluntary subscription, and for an expression of ideas as to the most effective methods of disbursing such fund, I find the opinions on these questions are quite divergent. A summary of the answers shows that 34 members suggest that the funds be raised by pro rata assessment; six suggest voluntary subscriptions; four suggest the use of dues; two suggest that each member do his own advertising; 21 have undecided views; and two would be satisfied with either pro rata assessment or voluntary subscription. Thus, it might be supposed that the consensus of opinion is fully in accord with pro rata assessment of all members to raise funds for publicity advertising. As to the disbursement of the funds, the suggestion of the majority seems to be the use of some weekly magazines with a wide circulation, such as the Saturday Evening Post and other similar publications.

"In many of the answers to my letter there were some very good suggestions, but no offer of real actual work. What we need, and need very much, is several wide-awake committees—men who will not begrudge the association a very small portion of their time; who will be willing to work, or canvas a certain district, line up new members, and instruct florists how to advertise Florist Telegraph Delivery service to the public. Plenty of publicity has been done from florist to florist—it's the public that needs Florist Telegraph Delivery service pounded at them; not spasmodically, but regularly, and with system. We should grasp the opportunities and let them know of this flower service. There are hundreds of ways of placing it before them. The cost would be nominal as compared with results. We are all

pretty well satisfied that the business is here and can be had, but why do we not get it? Unfortunately several very good opportunities of advertising our service in the past three years have been unintentionally overlooked—at the national flower shows held at Boston, New York and Philadelphia, and the big flower show held at Cleveland last fall. All of these opportunities were lost through lack of local interest. At Philadelphia there were several pledges offered toward a fund that would be used to secure new members and work up interest in small towns."



C. B. Whitnall, Milwaukee, Wis.

Originator of The Florists' Telegraph Delivery

Advertising Expert's Views.

In commenting on the foregoing President Gude said: "Mr. Rock's ideas are good and advice and suggestions are desired from all sources, particularly as to the matter of publicity, which is a big job. He called first on H. Jenkins, of the Gundlach Advertising Agency, Chicago, who said that people's ideas were very vague on this subject of transmitting flowers to their friends at a distance. The F. T. D. organization will have to do a great deal of work before a knowledge and understanding of what it can do takes full possession of the public mind. They must be educated to appreciate this service, and to do this a broad national campaign must be instituted to which each local florist can hook up his business. The public must be made familiar with your trade-mark or slogan not only through window displays, circulars, and other means of publicity, but through a well organized national campaign. In order to do this team work is called for, and this must permeate all your efforts. The greater your numerical strength the more members you have of the right kind, the stronger each individual unit will be.

Mr. Bertermann inquired how much of a fund the speaker thought would be necessary to begin such work? Mr. Jenkins replied that it would not be possible to answer except approximately unless a regular schedule was laid out. But if his advice were

asked he would say that unless the association was prepared to go into the matter in an adequate way, it would be better not to go into it at all, because more money is lost in advertising by just putting your toe in and not going in all the way than in almost any other venture that is taken up experimentally. His idea would be to make an overhead assessment and let each member agree to spend during the course of a year and a half \$200.00 each on this national advertising. He believed if all would so contribute, the returns to all would more than repay the investment.

Secretary Pochelon proposed that the convention hear from another good advertising man from whom they had heard on previous occasions, H. V. Swenson, of the Hilmer V. Swenson Company, Chicago, from whom a written communication was received and read by Mr. Rock, outlining a plan for a campaign to increase membership in the F. T. D., suggesting proper publicity material, mediums to use, and methods of distribution of publicity matters, also giving a proposed form of card to go with every flowergram delivery.

Local Cooperative Publicity.

Mr. Knoble, of Cleveland, O., thought that the florist's business in general is altogether too little advertised. The Cleveland local association collects from its members annually about \$2,500, which is put into a fund for general publicity, and from which they get excellent results. He said he believed that every other city in the country of any importance at all should maintain a fund of that character and give the business greater publicity. The grower depends upon the retailer, as the commission man does also, and since both of these branches get more or less of the money that is handled through the retailer, they ought to proportionately pay their share of the advertising expense.

At the request of President Gude a communication was read from the Campbell-Ewald Company, giving detailed figures for a proposed advertising plan for the F. T. D., proposing among other things, improving the present trade-mark by the addition of a more expressive idea, such as "United Flower Shops of America," the phrase, "World Wide Flower Service" to appear beneath the trade-mark; the trade-mark to be immediately copyrighted and appear in some uniform size on the window of each member, on all correspondence, boxes, tags, and in all advertising, further stating that there is need for a folder setting forth the out of town service idea of the association. Max Schling, of New York, outlined the general advertising policy of his concern, and urged that florists advertise locally until they get strong enough to carry on an adequate national advertising campaign.

Indirect Advertising.

Mrs. Ella Grant Wilson was requested to address the convention on her publicity work in Cleveland, and her remarks were highly appreciated. Mrs. Wilson came to the convention with a number of voluminous scrapbooks full of press clippings, illustrating her work in indirect advertising along what she terms suggestive and psychological lines. Her remarks, which were somewhat lengthy, were



GEO. WIENHOEBER'S STORE OPENING, CHICAGO, OCTOBER 16, 1916.

listened to with close attention as she described in detail how she had taken advantage of every private and public occasion into which the use of flowers could be woven, and in concluding she expressed her willingness to deliver addresses before local florists' clubs without charge other than for necessary traveling expenses.

Mr. Valentine remarked that one thing should not be forgotten, that while the florists in Cleveland had largely helped their business by their local publicity work, yet in the proportion that they had helped themselves they were also helping all other members in stimulating general F. T. D. business.

In announcing adjournment for the afternoon, President Gude remarked that never before had so many retailers been brought together at one time. There were still interesting topics remaining for discussion which would be taken up at the following day.

Collections.

At the Thursday morning session a discussion was entered into regarding the difficulties that occasionally arise in the collection of bills, and Secretary Pochelon explained the method of procedure adopted in such cases. The discussion was principally with reference to the operation of Section 7, Article XI of the constitution, and the practical working out of same. The discussion was quite generally participated in on the general subject of collections, by Messrs. Pochelon, Wienhoeber, Brown, Borden, Valentine, Pillsbury,

Knoble, Wilson, Gorly, and others. One of the interesting conclusions drawn from the discussion was that retail florists as a rule are not sufficiently strict in demanding payment of accounts, or in keeping track of their costs and other details.

The discussion further developed that some method by which F. T. D. members might exchange information where the same party was making purchases of a number of different florists and paying none of them, would be a good thing. In some cities it was found that the local florists were in the habit of freely exchanging information as to the habits of mutual customers with regard to prompt payment of bills.

Detroit 1917 Meeting Place.

President Gude now announced that the next subject for discussion would be the next meeting place. The constitution provides that the annual meeting shall be held in conjunction with the S. A. F., the next convention of which will be in New York. Mr. Pochelon recommended that the 1917 meeting be held in October in some centrally located town, and he invited the convention to come to Detroit next year. Mr. Breitmeyer also thought this was a timely suggestion, and said he believed that Detroit would be a good place to meet, being central and accessible. He moved that the F. T. D. hold its annual meeting next year in Detroit in October, on dates to be fixed by the board of directors. The motion was seconded by Wm. L. Rock, and further nominations

were invited by the chair. None offering, Mr. Breitmeyer's motion was put to a vote and carried, to hold the next annual meeting in Detroit, Michigan, in October, 1917. President Gude inquired of Mr. Breitmeyer whether his understanding was that this would do away with the New York meeting, to which Mr. Breitmeyer replied that was a matter which the by-laws would take care of. Mr. Gorly inquired whether a meeting of the F. T. D. would be held in New York on the Monday previous to the S. A. F. meeting? The chair replied that the directors will decide this matter. Mr. Gorly replied, "We will all be there, anyhow, and we may as well have a day of it."

At this time subscriptions were received from those present to the publicity fund, with the result that the fund was doubled, all subscriptions being purely voluntary. All previous subscriptions were read off, and when the additional amounts now subscribed were counted up, it was found that there was \$1,600 or \$1,800 total in the fund.

Trade Papers Complimented.

Secretary Pochelon paid his respects to the American trade papers, declaring that they were the best in the world, and he hoped that the members would make more use of them for publicity purposes by sending photographs of special orders. The trade papers are glad to make use of such. Mr. Valentine also expressed his appreciation of the work of the trade

papers, which he said we could not get along without, any more than the trade papers can get along without us. They are progressive and wide-awake and are offering us good suggestions in every one of their issues. We are all agreed on the value of their work. President Gude endorsed what had been said in this regard, and added that it should be a game of give as well as take, that we owe the trade papers in return for their help, subscriptions and advertisements; in other words, do all we can for them and they will do all they can for us.

Closing Hospitalities.

August Lange, of Chicago, was given the floor to announce the courtesies of the afternoon, the automobile trip through the parks, to the South Shore country club, where the party would be met by J. C. Vaughan, Mr. Lange and others; from there to Douglas park, Garfield park, Jackson park, Lincoln park, winding up with a fine buffet luncheon at the Bismarck Garden, one of the prettiest gardens in Chicago, on which \$200,000 has been spent this year.

In announcing the final adjournment of the convention at this time President Gude remarked that the privilege had never before fallen to his lot of presiding over a more dignified body of business men than at this convention. Never had the retailers been received in a more hospitable way and in a manner that did not interfere with the active conduct of the business that had brought them together. Mr. Gude then extended his personal thanks to all present for the consideration shown to himself and said he hoped to meet all those here and many more at the rousing meeting that will be held in Detroit in October, 1917.

BOONVILLE, MO.—E. C. Stammerjohn is placing the contract for another house, 28x100 feet, and says everything points to a big year here.

BELLINGHAM, WASH.—G. G. Barker, florist, was adjudged bankrupt September 18 and a meeting of the creditors is scheduled to have been held October 4.

NEW BEDFORD, MASS.—George A. Reid has been appointed manager of the Peckham Floral Co. He has had wide experience and is well known to the trade.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Winter Window Boxes and Vases.

With the approach of chilly nights, the flowers in the porch and window boxes take on a bedraggled appearance, indicating that the beginning of the end of their usefulness is at hand. As a decorative feature, they will soon begin to look very unsightly, and when this stage is reached, they are best removed and emptied, so that the boxes may, if necessary, be repaired and made ready for the winter campaign.

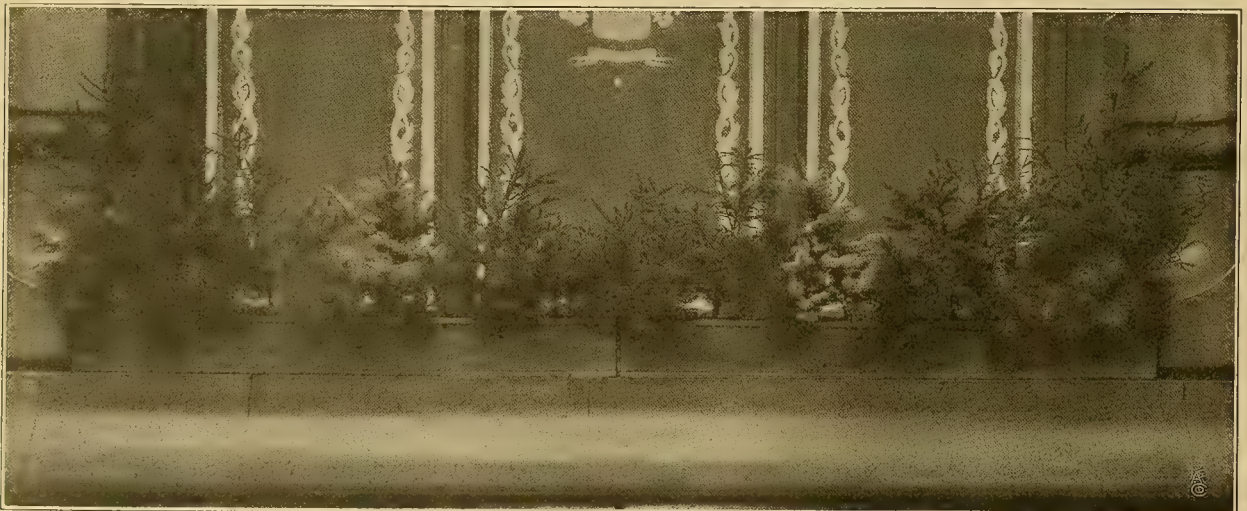
The matter of the receptacle is worthy of a little study. The old pine box, painted or bark covered, is fast giving way to something more ornamental and at the same time better able to stand the ravages of time. Very elegant designs made of terra cotta, which must be burnt in a kiln, others of vitrified clay, which are subjected to extreme heat, and those of cement or a fine grade of concrete, are all said to be almost indestructible. They are often made to conform to the architecture of the dwelling and are in consequence sometimes quite expensive. If well cared for, however, in the course of a few years, they will be found the least expensive, as there will be nothing to charge off and no renewals. The main objection is their weight; when an artificial or additional support is necessary, it should be made of a strength that is capable of twice the weight to be placed on it. Where a long space is to be fitted, boxes should be made in sections, such as two of three feet each for a six-foot sill. When placed together, they present the appearance of one box.

The well-made wooden box still has many champions; it should be well painted, both inside and out, even if it is to be bark covered; when well soaked with oil, much is added to its life. Cedar or hemlock bark is best, and should be put on as it grows on the tree, straight up and down, and held, top and bottom, with strips of hickory sapling with the bark on. Such as is used at times to bind packing boxes. A birch bark covering is unique and rather unusual, but satisfactory.

Such boxes will last several years and are quite ornamental. The demand for these winter house adornments has increased rapidly in the past few years, the large hotels, apartment houses and clubs setting the pace with the best the florist has to offer in the line. Well planned and filled boxes and vases are a great addition to any dwelling, and as an advertising feature to a hotel, are worth much more than the cost.

Probably three-fourths of all such boxes are filled with boxwood and ivy. Boxwood is most satisfactory—its dark, glossy, green foliage holds its color well until the warm days of early March. It can be had in all sizes and shapes and its foliage is so dense that it will stand clipping so that any shape or design can be worked out to fit into the surroundings. One of the popular designs is high at each end, curving to low in the center, from which rises a globe or umbrella shaped plant. Some boxes are filled straight across, with tall, slender juniper-like specimens at either end. Others are straight and hedge like, with the ends about half as high again as those in the center. Again, we see each alternate plant four to six inches below the others and all trimmed to a square at the top. Some stand like square green posts with an inch or two of space between; they are squared after being planted. Ivies are tabooed in some cases, the surface of the ground being covered with green clump moss. Other treatments use ivies generously; they present a beautiful and luxurious finish until the very severe weather.

There are many very beautiful evergreens that are especially adapted to this work. *Retinispora obtusa* is a soft, feathery, green that remains green the season through, it does not take on a coat of brown, such as is the case with the *arborvitae*. The golden *retinispora* is one of the best, as it holds its beautiful gilt edge the entire winter. Dwarf pines and firs make a beautiful box, as do young plants of Norway spruce. Hemlocks are also feathery and graceful, pretty by themselves, and work in well with their other winter companions. Beautiful effects are possible with combinations of all kinds of evergreens, there being quite a variety of color and form of foliage in this large family. As a



WINTER WINDOW BOX OF EVERGREENS.

By the Geo. Wittbold Co., Chicago

rule they are cheaper than the box-wood and for large boxes and vases, where something generous is desired at a medium price, the nursery stock is generally preferred.

Lawn vases, and those on terraces or at landings of garden steps, can be nicely filled with single specimens of Norway, or green Colorado spruce that refuse to color. Well trimmed retinisporea are also beautiful, but they are apt to catch the snow and split open.

ways to the front with its window boxes, roof garden, boxes between the windows, and the pavement bed below the show windows. It is truly a house of flowers. The boxes are filled with the choicest decorative foliage plants with a heavy fringe of ivy, which hangs down from three to four feet. The border below the windows on Fifth avenue, planted in a bed cut into the pavement, is frequently changed; at the time of our visit it

side were single specimens in vases, a large collection, from which orders were taken for plants.

Alexander McConnell's windows were filled with foliage plants and suspended ivy baskets. Vases of Golden Glow and gladioli were conspicuous. Outside, beneath the windows, were boxes filled with variegated aucubas. These are a very useful decorative plant for house, store fronts and vestibules.

At G. E. M. Stumpp's, 751 Fifth avenue, the large front window was a flower picture with its choice foliage and flowering plants. *Spirea Japonica*, white and pink, and fuchsias full of flowers, were rather out of season plants. A vase of handsome chrysanthemums, celosias and Japanese lilies were also features. The side windows were filled with choice plants.

H. H. Burns, 509 Madison avenue, had a stunning vase of *Gladiolus America* and blue perennial asters. Baskets of wild flowers, together with palms and ferns, rounded up the window.

At Max Schling's, 22 West 59th street, orchids were prominently shown; cattleyas and fine sprays of oncidiums filled one side, while a tall vase of choice pink chrysanthemums, with prettily filled small baskets to the front were on the other. It was a very artistic display.

J. H. Small & Sons' magnificent store, 505 Madison avenue, had its immense windows filled with beautiful crotons, ferns, celosias and other foliage and flowering plants. Sunflowers were a feature; also baskets of marigolds. Around the beautiful fountain court, in the center of the store, were suspended baskets of Teddy Jr. ferns, which were perfect feathery globes of green. This is an ideal cut flower store on a large scale.

Cibotiums—stocky, beautiful plants—were the feature of Chas. A. Dard's window at 44th and Madison avenue. A large piece of the Elkshorn fern was a suspended centerpiece, with a basket of panicum and tradescantia on either side. Tall vases of white and yellow chrysanthemums, with baskets of McCullough dahlias, larkspurs and vases of orchids, rounded out this beautiful display. The 44th street window, with its cut flower vases,



WINTER WINDOW BOX OF EVERGREENS.

By the Geo. Wittbold Co., Chicago.

Evergreens in a birch bark covered box are striking, if *Euonymus radicans variegata* is used instead of ivy; its delicate white foliage and vines stand the winter well and are very conspicuous.

While there is an increasing demand for this class of work, it should be fostered and encouraged by liberal displays of suitable plants and boxes filled and empty. Every available space about the store or greenhouse front should be decorated so as to better demonstrate their usefulness.

A campaign for the sale of winter evergreens for decorative purposes would, if properly conducted, produce great results; there are many beautiful city and suburban residences whose owners have never taken up this matter or used such decoration, but who could, if approached and shown the advantages, no doubt be brought to see the benefit to be derived from this adornment of the home.

Long city blocks are often seen with but one or two decorated house fronts. An offer to furnish suitably filled boxes for the windows, with the price, will often bring a favorable answer and a new customer. One or two in a block will induce others to follow suit and thus the good work will go on.

New York Store Windows.

To the visitor, the store windows of the florists of this great metropolis are always interesting. As a rule, great attention is given these decorative effects; only the best is good enough, and the artistic arrangement of plants and flowers, together with whatever accessories in many colored velvets, handsome vases, etc., that are found useful in producing novel color effects, are seen in all the large establishments.

Charles Thorley's House of Flowers at 46th street and Fifth avenue is al-

ways filled with dwarf red celosias, ferns, aspidistras and other foliage plants. The 46th street side was lined with bay trees and smaller pyramid box. On each side of the vestibuled doorway, iron pots, suspended from tripods, were filled with rubbers and other foliage. The windows were elaborate with vases of chrysanthemums and the choicest foliage stock—pandanuses, crotons and palms, while from the top were suspended large baskets of Scottii ferns. The whole effect was stunning and bound to arrest the attention of the thousands that pass by every hour.

Thomas F. Galvin's beautiful store, across Fifth avenue from Thorley's, featured dahlias, having both large windows filled with them. In the Fifth avenue window they were arranged in rose floats, and on the 46th street



FLORICULTURE AT WISCONSIN STATE FAIR, MILWAUKEE, SEPTEMBER 11-16.

Exhibits in The Florists' Section.

palms, ferns, etc., was also attractive. A. T. Bunyard's windows and that of Alfred Kottmiller, near by, were also quite up to their regular high standard.

At Wadley & Smythe's, on Fifth avenue, near 42nd street, one is always sure to see displayed the best on the market. Autumn leaves were a feature here; they made a carpet for the floor of the window. A tall vase of Golden Glow and tritomas was a feature. A number of oval rose floats were filled with orange and yellow dahlias and the blue *Ageratum celestinum*. The ceiling of this window is a high, white, latticed arch, studded with frosted electric globes.

The Trepel stores at 89th and 96th and Broadway, are models of their class. Cut flowers and plants are displayed in quantities on the pavement in front and in the windows, all with price cards. The conservatory on the roof at the 89th street establishment is a very light, airy structure—a splendid place to show plants. There is room for establishments of this kind, handling plants and cut flowers in quantity, much as they are sold in department stores in every large town and city in the land. K.

Glazing With Old Glass.

ED. AMERICAN FLORIST:

We are repairing some greenhouses and taking out all of the glass and putting it back again. The glass was laid butted and not puttied. In putting it back, we are lapping it and putting it. We write to inquire if there is any objection to turning the concave side up and the convex side down, which is the reverse of the way we had it laid when it was butted. Will the sunrays be affected by the concave side being down and will it have any effect on the plants in the greenhouses? J. Tennessee.

The curve in greenhouse glass is so slight that it makes very little difference whether the panes are laid with the curves or concave side uppermost. In the case of houses in which the sash bars have drip grooves, if the glass has the convex side on top the condensed moisture on the underside of the panes will tend to work to the side and find its way to the plate in the grooves rather than along the middle of the panes. This, however, we consider of minor importance.

There is more danger of injury from sun-burning when the convex side of the glass is uppermost than when it is underneath. Whichever way the glass is laid we should take pains to see that it is all laid the same way, and to secure close joints it should be carefully graded into three classes. First, those which are practically flat; second, those slightly curved; and third, panes considerably curved.

In laying the two classes of curved panes, in case there is any difference in the curvature of the ends of a given pane, we would plan to place the end which has the most curve at the bottom. This will make a tighter joint than when a concave pane which is slightly curved is laid over one considerably curved. L. R. T.

BRISTOL, TENN.—The Bristol Floral Co. has increased its capital stock from \$10,000 to \$25,000.

AUSTIN, TEX.—Fred Hall, in charge of the growing department of the Hyde Park Floral Co., who was seriously injured in an automobile accident some time ago, has recovered sufficiently to return to his duties.

WITH THE GROWERS

Rose Growers of Montgomery County.

Responding to the kind invitation of George and Arthur Burton, worthy sons and successors of the veteran and famous rose grower, John Burton, who has retired early from the game, but who spent a pleasant half hour with the visitors, a number of interested members of the craft were recently piloted through a portion of Montgomery county, Pa., a very interesting rose growing section in the suburbs of Philadelphia.

In addition to hosts, George and Alfred Burton, the guests were Alba and Edward Harvey, of Brandywine Summit, Pa.; S. S. Pennock, Arthur Nissen, David E. Colflesh, W. H. Engler, Wm. Colflesh and Robert Kift.

Preparedness is a new word recently coined by well meaning patriotic orators to wake the people up to a sense of their danger in case of war. It can also be applied to the peaceful war of the roses against the dollars of the metropolis, for which the various commanders of the "army of roses" have their hosts in such a state of preparedness as has never been seen before.

The Burton establishments at Wyndmoor are ready and eager for the fray as soon as the enemy shows any disposition to advance. George Burton, who has taken over his father's large establishment, in addition to his own extensive greenhouses on Green street, has for his specialty, American Beauty,—in the two places are 55,000 plants of this variety. He has had great success with American Beauty. The plants are renewed each season, set out in shallow wooden benches, raised about a foot from the ground floor of the houses, they being more easily controlled during the cold dark months in the raised than in ground beds. By disbudding, temperature, and careful culture, it is aimed to control their blooming season and have them in quantity when most in demand. Thora, a sport of My Maryland, which occurred here, much like Ophelia in color, has been found to be a good money maker. One house has never rested, having been cut winter and summer for three years, and still produces freely. A range of four small houses has also been planted to it this season. *Cypripedium insigne* is also a specialty; the largest block in the country is seen here, two houses of them, all splendid plants in perfect health. Mr. Burton believes in good fertilizers and uses principally manure, blood and dissolved bone, which latter acts quickly. Lime dust, applied with a bellows, he finds good for black spot. He believes in shallow soil on tables; four inches for American Beauty, while on some tables in which Hadley had shown very fine results, the soil in the spring had gotten down to two inches.

At Arthur Burton's place, adjoining, an interesting house was filled with cattleyas, thousands of plants in fine, healthy foliage. American Beauty is also a feature here, there being something over 20,000 plants under cultivation. Mrs. Russell is another specialty. A large block flowering abundantly was looking extremely well; these had been kept going without cutting back for two years. Mr. Burton said the Russell blooms can be held on the plants for several days and still be in good condition for cutting. He uses sulphur on the pipes and a copper solution sprayed on for black spot. An old time house planted with Russell, with the side facing the south, having almost a perpendicular pitch, was said

to give very good results in winter, it being the sunniest house on the place.

Two automobiles took the party on a delightful 15-mile spin through a beautiful country to Southampton, where Stephen Mortensen, with his rose forces, was also found in an advanced state of readiness for the season to open. In all the houses of his 65,000 feet of glass, there was seen the result of his constant and intelligent care. His specialty is the hybrid tea class. Ophelia was seen in splendid growth, as was also Hadley. His roses are all in ground beds with cement borders. Cinders are used immediately below the soil to insure good drainage for the plants. A pink sport of White Killarney, a fine shade, was much thought of; a block of two thousand plants looked fine. A recently erected Lord & Burnham house, 62x300 feet, planted with Brilliant and White Killarney, heated by the Lord & Burnham vacuum system, gave great results last season. All the roses here were in splendid condition. His assortment and quantity comprises 6,500 Ophelia, 6,000 Killarney Brilliant, 5,500 Sunburst, 4,500 Hadley, 4,000 White Killarney and 2,000 New Pink Killarney.

The large house of Malcolm Franklin, at Yardley, the next visited, was found all ready for the fray with a good variety in the following sorts: Sunburst, Shawyer, Hadley, Ward, Killarney Brilliant and White and Pink Killarney, about 21,000 plants in all. There is but one house here, a huge Lord & Burnham structure 72x600 feet. After five years of service, it had just been given its first inside renewal of white paint—some job in a house of this size. Mr. Franklin's venture here is a side line, he being engaged in other business, but he is much pleased with his success. The stock looked well with every indication of a good yield for the season. John Jamison, a very practical and experienced rose grower, is the superintendent.

The Joseph Heacock Co.'s houses at Roelefs were familiar to most of the visitors. They were found in their usual good condition. Such health and vigor in every plant is seldom seen in such a large collection. Robert Jamison is the guiding spirit here, and evidences of his prowess are seen in a board full of blue ribbons won in competition in national shows against the best growers of the country. Over 50,000 plants are under cultivation. Hadley was the star last year, turning in the best card. This season the quantity of this variety is increased, there being 6,000 in a house 55x225 feet. Others in quantity here are White Killarney, 5,000; Pink Killarney, 15,000; Killarney Brilliant, 18,000; Ophelia, 4,000; Ward, 3,500; Candadian Queen, a new miniature sort, 2,000; Hillingdon, 2,500, and Richmond, 2,000. All the roses are in ground beds with cement borders. The heating facilities and water supply are of the very best, with extra boilers and apparatus in case of accident. The large dairy with its herd of over 200 cows and heifers, is a feature; the manure from the stables is carefully conserved and pumped in solution to the rose beds. This dairy is a great asset to the business, as one large institution contracts to take 1,200 quarts of milk a day the season through, in addition to which milk dealers are also supplied.

Doylestown, and a good dinner at the Fountain hotel, was reached after a 15-mile run. John A. Andre's rose houses, directly opposite the entrance to W. Atlee Burpee & Co.'s Fordbook farms, was next visited; it was the same story here, everything in readiness for the first movement of the dol-

lar army. An interesting feature was a house of Pink Killarney, which had been in 10 years, and last season was the best paying house on the place. Varieties and quantities here are: 5,000 Sunburst, 7,000 White Killarney, 5,000 Killarney Brilliant, 5,000 Pink Killarney and 5,000 of the new Prima Donna. All the stock looked very fine, the problem seeming to be whether to let them come now or pinch for something better later. A large submerged cement tank had been constructed at the bottom of the place to catch rain water from the houses; its capacity is 86,000 gallons and one heavy rain is sufficient to fill it.

The Chalfonte Carnation Co., with its three houses of King construction, each 35x250 feet, united with a vestibule house, 15x105 feet, was splendidly promising. The carnations had gotten away nicely since the moving, with a good growth and early crop of buds. The varieties are Mrs. Ward, Enchantress, both white and pink; Matchless, Beacon and the new red, Nebraska. The plants were housed August 7-14. Samuel F. Lilley and Wm. Hellbert are proprietors of this establishment.

The mammoth houses of the Florex Gardens next hove in sight after a 10-mile run. This is always an interesting place to visit—things are done here on such a large scale. Since the accident of several years ago, on account of the heavy snow, the houses are now braced to withstand almost any strain; even hurricane clouds, as they occasionally loom up, give them no concern. A great variety is grown here. All the beds in the various stages of rest and growth appeared to be under perfect control. A large block of 15,000 plants of September Morn, the light pink sport of Prima Donna, looked very promising. There are 25,000 Prima Donna, of which variety they sold so many young plants the past season, they were obliged to use small plants for themselves, but these are getting away nicely and promise a good crop later. Quantities and varieties grown are: White Killarney, Mrs. Ward Richmond Hadley, Hoosier Beauty, Ophelia, Maryland Elgar, Mme. Harriot and shroyer, some 140,000 plants in all.

Several large houses of carnations were filled with very stocky plants of splendid quality. Snapdragon is also a feature, the pink, and the new orange shade filling two houses. A large new barn of vitrified hollow tile, with slate roof, together with two large silos of the same material, was an exceedingly ornamental and useful feature. This is sanitary in every respect. Cement floors with troughs or gutters to carry off the refuse, automatic watering troughs, which are worked by the cattle themselves, cork floors on which to stand, abundant ventilation and indirect electric lighting, all of which essentials make this a model structure. A milk house adjoining has cooler and refrigerating apparatus and cold storage for the product, all conveniently arranged so as to protect the purity of the milk. The large silos hold 275 tons of ensilage, food for the herd of some 90 cows. The manure from these is the main fertilizer for the rose houses. A new tractor for all kinds of farm work had just been delivered. Taking it all in all, this is one of the most interesting places in the country.

A twilight glimpse was had of the John Welsh Young establishment at Rosslyn. Most of the stock here was at rest, after good summer crops. A large house of My Maryland, a specialty here, was still cutting and Lady Alice Stanley was also seen in strong growth. A table of freesias was a feature; the plants were about one foot high, coming through two layers

of chicken wire netting, which, at present, is flat on the surface of the ground, but as the plants grow and thicken up, it will be raised and furnish the support required to keep the stems straight and hold up the flowers,—an excellent idea. A 10-minute ride from here brought the party back to Wyndmoor, where Mrs. Geo. Burton had provided a feast, to which all did ample justice.

It was noted that in all the extensive places visited, but one had erected a new house the past season, and this but a comparatively small addition to the Jos. Heacock Co.'s at Roelefs. All minds appeared to be bent on getting their crops in at a time when they were fairly sure of a demand and remunerative returns. This feature is as much of a science as perhaps the most difficult problem the grower has to contend with. Houses at the various places were seen in all stages of growth, from bare canes to full crops. Some were even being dried off, preparatory to the cutting-back stage; these had been cut from all summer, while other beds were resting. In some cases fine American Beauty buds on long stems were being ruthlessly pinched off, a new crop of heavier flowers being expected in about six weeks.

That the successful grower has to be a live, wide awake man, is seen from the remarks dropped here and there, about drainage, soil conditions, heat, watering, drying off, resting, mildew, black spot, spider and the different temperatures required for this or that variety, all of which are factors in the attempt to get the 100 per cent results, which hope springs eternally in the heart of every "knight of the rose."

K.

Chrysanthemum Society of America.

EXAMINING COMMITTEES.

President Wm. Kleinheinz announces the committees to examine new chrysanthemums for the ensuing year as follows:

Boston—Wm. Nicholson (chairman), James Wheeler, Alex. Montgomery. Ship flowers to chairman, care of W. J. Thurston, manager, Boston Flower Exchange, 1 Winthrop square and Otis street, Boston, Mass.

New York—Eugene Dailedouze (chairman), Wm. H. Duckham, A. Herrington. Ship flowers to New York Cut Flower Co., 55 West Twenty-sixth street, New York, care of chairman.

Philadelphia—A. B. Cartledge (chairman), John Westcott, S. S. Pennock. Ship flowers to A. B. Cartledge, 1514 Chestnut street, Philadelphia, Pa.

Cincinnati—R. Witterstaetter (chairman), James Allen, Henry Schwarz. Ship flowers to chairman, Jabez Elliott Flower Market, care of janitor.

Chicago—N. J. Wietor (chairman), George Asmus, Thomas W. Head. Ship flowers to chairman, 162 North Wabash avenue, Chicago.

Shipments should be made to arrive by 2 p. m. on examination days to receive attention from the committee, must be prepaid to destination and an entry fee of \$2 should be forwarded to the secretary not later than Tuesday of the week they are to be examined, or it may accompany the blooms.

Seedlings and sports are both eligible to be shown before these committees, provided the raiser has given them two years' trial to determine their true character. Special attention is called to the rule that sports to receive a certificate must pass at least three of the five committees.

The committees will be in session to examine such exhibits as may be submitted on each Saturday during October and November, the dates of which will be October 14, 21, 28 and November 4, 11, 18 and 25.

CHAS. W. JOHNSON, Sec'y.

Florists' Hall Association.

BOARD OF DIRECTORS MEETING.

Pursuant to call, a meeting of the board of directors of the Florists' Hall Association of America was held at the Hotel LaSalle, Chicago, Friday, October 13, 1916. President E. G. Hill of Richmond, Ind., occupied the chair, the following officers and directors being in attendance: J. F. Ammann, Edwardsville, Ill.; John G. Esler, Saddle River, N. J.; Anders Rassmussen, New Albany, Ind.; Charles P. Mueller, Wichita, Kan.; J. A. Valentine, Denver, Colo.; Samuel Murray, Kansas City, Mo.; C. L. Washburne, Chicago, and Fred Burki, Gibsonia, Pa. The only directors absent were J. J. Hess, Omaha, Neb., who was enroute to the National Flower Show Committee meeting at St. Louis, and Hon. Joseph Heacock, who is in the midst of a congressional campaign and was therefore unable to attend. Mr. Hess, however, conferred with the directors the evening previous to the meeting, so that they had the benefit of his valued counsel.

The officers for the past year were re-elected, viz.: E. G. Hill, Richmond, Ind., president; J. F. Ammann, Edwardsville, Ill., vice-president; Hon. Joseph Heacock, Wyncote, Pa., treasurer; John G. Esler, Saddle River, N. J., secretary.

On motion, it was ordered that the twenty-ninth assessment to be levied March 1, 1917, shall be at the rate of 20 cents per 100 square feet on single strength, and eight cents per 100 square feet on double strength glass, the increase over the last assessment being occasioned by the exceedingly heavy hail losses during the past season which necessitated the paying out of an unusual amount.

The directors approved the bond purchases made by the bond committee.

The charter of the association, which will have been in practical and successful operation for 30 years, June 1, 1917, will be renewed under an enabling act of the New Jersey legislature this winter, and the secretary was authorized to take the necessary steps to that end.

The secretary was also authorized to file the list of members of the association with the secretary of the S. A. F. for the purpose of securing a representative upon the S. A. F. board to issue credentials to President E. G. Hill as the representative on said board of the Florists' Hall Association.

The board of directors held two sessions which were of some length, and a large part of the day was given over to the discussion of the necessary changes in the by-laws, which, it is believed, will render the conduct of the affairs of the association still more efficient and conducive to increase in membership, which has been progressing steadily all the time. In order to put the proposed amendments into the best legal phraseology and concise form so as to clearly express their intent and meaning, J. A. Valentine of Denver, Colo., whose ability in this regard is well known, was appointed a committee of one to draft the amendments in accordance with the trend of the discussion and report back to the chairman of the board of directors for eventual submission to the vote of the stockholders. These new amendments are expected to establish a fiscal year under which arrangement the annual meetings of the association will be held at the call of the president after such fiscal year is concluded, at such time and place as he may designate. The members of the board are to be congratulated upon having successfully accomplished work that will be to the benefit of the association. JOHN G. ESLER, Sec'y.

National Flower Show Committee.

ST. LOUIS MEETING, OCTOBER 13-14, 1916.

Present: George Asmus, chairman; John Young, secretary; J. J. Hess, treasurer; Chas. H. Totty, W. P. Craig, A. Farenwald and S. A. F. president-elect, R. C. Kerr, Patrick Welch and Thomas Roland were unable to be present. The committee were welcomed at the Jefferson hotel by F. H. Meinhardt, J. J. Windler, H. C. Irish, Jules Bourdet, D. S. Geddis, H. J. Fillmore, A. Miller and Chas. F. Hatfield, secretary and general manager of the St. Louis convention bureau. The committee were the guests of F. H. Meinhardt for breakfast at the Jefferson hotel, after which all the exhibition halls suitable for a flower show were visited and inspected.

At noon the committee went into executive session at the Planters hotel. The final reports of the last National Flower Show held in Philadelphia were received and all business in connection with that exhibition was cleared up. By unanimous vote it was decided to hold the next National Flower Show in the spring of 1918 in St. Louis. By similar vote it was decided to lease the building known as the Coliseum for this exhibition and the dates to be April 6-15.

The secretary of the committee was authorized to prepare the necessary floor plans showing available spaces for the trade exhibits and if possible to arrange for a scale of prices which would include the cost of booth and signs. This would assist in having one general scheme of arrangement and decoration in the trade section.

Chas. H. Totty, Thomas Roland and A. Farenwald were appointed a committee to prepare a preliminary schedule.

The secretary was instructed to communicate with the American Rose Society, the American Carnation Society and the American Sweet Pea Society, inviting them to co-operate with the National Flower Show by holding their annual meetings and exhibitions at the same time. The secretary was also authorized to raise immediately the usual guarantee fund of \$10,000. Mr. Asmus tendered his resignation as chairman of the committee giving his reasons why some other member of the committee should be elected to that office. After the matter was thoroughly discussed Mr. Asmus was induced to reconsider his decision and upon motion of Mr. Totty his resignation was not accepted.

At 6:30 p. m. the committee were the guests of the officials of the convention bureau at dinner in the Planters hotel. Among those present were: Goodman King, president of the St. Louis convention bureau; and Chas. F. Hatfield, secretary of the same bureau, representatives of the daily press, Jules Bourdet, president of the St. Louis Florists' Club, J. J. Windler, secretary, and A. H. Hummert, vice-president of the same club. Also W. W. Ohlweiler, J. J. Beneke, F. A. Windler, V. J. Gorley, Chas. Beyer, Fred H. Meinhardt and David S. Geddis. Interesting addresses on the coming National Flower Show were made by Chairman George Asmus, Chas. H. Totty, David S. Geddis, Chas. F. Hatfield and Goodman King.

In the evening the committee attended a special meeting of the St. Louis Florists' Club in the Coliseum building. All of the officers of the St. Louis Florists' Club were present and in addition there was an attendance of 51 members representing the different florists interests of the city. The early part of the meeting was presided over by George Asmus, who made a rousing address calling attention emphatically to the necessary

work attached to a National Flower Show. Each member of the committee in turn was called upon to enlighten the members present as to what was required to make the coming show the success it certainly will be. They also gave a detailed report of the work in connection with previous National Flower Shows and it was made very clear that this coming exhibition would have the benefit of this experience.

The meeting was then turned over to President Jules Bourdet of the local club who called upon each member present for a few remarks and all were enthusiastic and promised to assist in every way possible to make the next National Flower Show to be held in St. Louis more successful than any that have been held before.

Frank Robinson, secretary and manager of the Coliseum, who without question is one of the best show managers in this country, gave an interesting talk promising his support and assistance wherever possible. The National Flower Show will also have the hearty support of the Business Men's League.

The National Flower Show committeemen were very favorably impressed with their reception and were delighted to see the great interest and enthusiasm shown by the florists interested in St. Louis and later on when the local committee are appointed the work of the exhibition will go on with a rush, and there is no question but what the Fifth National Flower Show will compare favorably with any preceding flower shows.

After the meeting in the Coliseum the committee were entertained at supper by President Bourdet and other members of the florists club.

On Saturday morning another executive session of the committee was held and many important necessary details were arranged for.

A visit was also made the Missouri botanical garden and the officials of this institution are also very enthusiastic and pleased at the National Flower Show coming to St. Louis and will give their support both financially and otherwise.

JOHN YOUNG, Sec'y.

Madison, Ind., Dahlia Society Display.

The Madison (Ind.) Dahlia Society in its display in that city October 12, surpassed all previous efforts and the exhibit was a revelation to many who saw and admired the flowers, nearly 100 hundred varieties being shown in a wide range of colors, and sizes. Among those whose displays were prominent were W. O. Wykoff, vice-president for the middle west of the American Dahlia Society; William H. Matthews, Burr Callis, Hurley Ashby and Mrs. Anna Brushfield.

ITHACA, N. Y.—The business of the Bool Floral Co. has been purchased by Ralph J. Roskelly.

KIRKWOOD, MO.—The property of Adolph Ahner has been sold under a mortgage. His creditors, it is reported, are likely to get the worst of it.

NASHVILLE, TENN.—The Ward-Belmont College greenhouses have discontinued commercial business aside from sales to students of the institution.

NASHVILLE, TENN.—The Hillcrest School farm, following a decision to retire from the cut-flower and nursery business, has offered the entire stock for sale.

HOUSTON, TEX.—The R. C. Kerr Floral Co. has increased the size of its show windows and installed an elevator for use between the store and roof conservatory.

Dahlia Show at San Francisco.

The dahlia show at the Civic Auditorium, San Francisco, Calif., October 3-4, under the auspices of the Pacific Coast Horticultural Society, the California State Floral Society and the California Dahlia Society was a splendid success. The blooms were beautiful, the exhibits were well staged, the ventilation and lighting effects were excellent and a large crowd was in attendance, the exhibition being complimentary. Being conducted on purely professional lines, no selling was allowed and the distinction between professional and amateur growers was strictly drawn. An innovation was that there were two sets of judges, one for each of the above divisions, all exhibits being arranged in classes, and the awards were quickly made. The unprecedented early rains in this section did not seem to injure the texture of the flowers.

Pelicano, Rossi & Co. had a magnificent showing at the entrance to the hall, the huge vases and baskets containing dahlias of every class being most effectively arranged. This easily captured the bronze medal offered by Vaughan's Seed Store, Chicago, for the best exhibit.

T. C. Burns, of San Rafael, had a table of immense bunches of blooms of high quality and the Pacific Grove Dahlia Co. arranged a fine display of good flowers, but which were not in competition. The Bessie Boston Dahlia Farms had an excellent display, as usual, a feature which attracted much attention being a splendid basket of the collarette variety. The amateurs also made good displays, Pierson Durhow, of San Francisco, being awarded the prize donated by H. A. Dreer, Inc., Philadelphia, Pa., for the best amateur exhibit, with H. Raby, a 1915 English cactus. Other good exhibits in the amateur class were staged by Miss Aimee Hodgins, J. G. Wintjin, L. T. Pockmann and M. Harkiss.

The MacRorie-McLaren Co. arranged wonderful arches of bougainvillea which were generally admired.

The exhibition was ably managed by H. Plath, assisted by Mrs. J. A. Scannavino, both of whom were prominently identified with the flower shows at the Panama-Pacific exposition last year.

The awards were as follows:

Best collection of dahlias in seven classes—Show, peony, decorative, cactus, pompon, single and collarette. 10 varieties in each class, one bloom each—Mrs. Seale, San Francisco, 1st; Bessie Boston Dahlia Farms, San Mateo, 2nd.

Best collection in seven classes, five varieties, one bloom each—Bessie Boston Dahlia Farms, 1st; Mrs. Seale, 2nd.

Best 24 cactus dahlias, 12 varieties—Bessie Boston Dahlia Farms, 1st; Mrs. Seale, 2nd.

Best 24 decorative dahlias, 12 varieties—Bessie Boston Dahlia Farms, 1st; Mrs. Seale, 2nd.

Best 24 peony dahlias, 12 varieties—Mrs. Seale, 1st; Bessie Boston Dahlia Farms, 2nd.

Best 24 show dahlias, 12 varieties—Mrs. Seale, 1st; Bessie Boston Dahlia Farms, 2nd.

Best 36 pompon dahlias, 12 varieties, three blooms each—Bessie Boston Dahlia Farms, 1st; Mrs. Seale, 2nd.

Best 36 collarette dahlias, 12 varieties, three blooms each—Bessie Boston Dahlia Farms, 1st; Mrs. Seale, 2nd.

Best 36 single dahlias, 12 varieties, three blooms each—Mrs. Seale, 1st; Ruth Gleadeel, San Francisco, 2nd.

Best seedling dahlias never before exhibited in competition; flowers shown with stem—Richard Lohrman, San Rafael, Calif., with red decorative, Doazin x Mina Burtle; Bessie Boston Dahlia Farms with peony dahlia, Plett Sing. Awarded certificates of merit.

Best vase of one variety, 50 blooms—F. C. Burns, San Rafael, 1st; Pelicano, Rossi & Co., San Francisco, 2nd.

Best vase of one variety, 25 blooms—Pelicano, Rossi & Co.

Best six distinct classes, one bloom each—Richard Lohrman, 1st; Bessie Boston Dahlia Farms, 2nd.

Best table decoration, dahlias and foliage (open to all)—Pelicano, Rossi & Co., 1st; MacRorie-McLaren Co., 2nd.

Best basket of dahlias, any style decoration; no other flowers (open to all)—Miss Ruth Gleadeel, 1st; Miss Azalea Pelicano, 2nd.

G. N.

Nassau County Horticultural Society.

The annual dahlia show of the Nassau County Horticultural Society, held October 5, was a decided success from both a financial and a horticultural standpoint. The exhibits were of the very finest quality and competition was very keen. The Henry Dreer silver cup, which was offered for the best collection of dahlias, 25 varieties, brought forth a splendid display, there being four exhibits, each with a top notch collection. The judges finally awarded the prize to W. R. Coe (Joseph Robinson, Gr.), with W. J. Mathieson (James Kirby, Gr.), second. The E. M. Townsend silver cup for the best collection of outdoor roses was won by Harold Pratt (F. O. Johnson, Gr.), John Pratt (John W. Everett, Gr.), second. The North Shore Garden Club silver basket for the best collection of outdoor flowers was awarded to George Pratt (John F. Johnstone, Gr.), C. F. Cartledge, (William Noonan, Gr.), second. The F. S. Smither's cup for the best 10 varieties of gladioli, six spikes of each, was captured by Mrs. Darlington (P. W. Popp, Gr.).

The class for the best collection of 12 kinds of vegetables was one of the most attractive features of the show. There were three exhibitors, and so evenly matched were their exhibits that in the final scoring only eight points separated the winner from the second man, while the third entry was only twenty points behind. Percy Chubb (Robert Jones, Gr.), was the winner in this class, with W. R. Coe, second. Mr. Chubb also won in the class for nine kinds of vegetables.

The Hitchings & Co. silver cup, offered for the best collection of outdoor fruit, was won by Herbert Pratt (Henry Gaut, Gr.), with a superb collection of a great many varieties.

The competition for the best decorated dinner table was another feature which proved to be very attractive to the patrons of the show. There were seven entries and the honors were carried off by Joseph Adler, Henry Gaut and Herman Miller in the order named.

Mills & Co., of Mamaroneck, staged a large collection of dahlias for exhibition, for which they were awarded a certificate of merit. Mrs. C. F. Cartledge received the same award for three vases of seedling dahlias, while Mrs. Darlington received a certificate of culture for a vase of gladioli. Following is a list of some of the other main classes, with their winners:

Best six vases of peony flowered dahlias—Mrs. Darlington, 1st; C. D. Smithers, 2nd; P. Cherbonnet.

Twelve cactus dahlias, 12 varieties—Harold Pratt, 1st; W. R. Coe, 2nd.

Twelve decorative dahlies, 12 varieties—Mrs. Darlington, 1st.

Eighteen single dahlias—Mrs. Darlington, 1st; G. D. Barron (James Linane, Grd.), 2nd.

Twelve cactus dahlias, one variety—G. D. Barron, 1st.

Twelve dahlias, any type—Herbert Pratt, 1st; G. D. Barron, 2nd.

Six peony flowered dahlias, one variety—C. D. Smithers, 1st; G. D. Barron, 2nd.

Six cactus, six peony, six decorative and six pompon dahlias—G. D. Barron.

Six cactus dahlias, six varieties—Herbert Pratt, 1st; W. E. Kimball (James McCarthy, Grd.), 2nd.

Six cactus, one variety—Herbert Pratt, 1st.

Vase of decorative dahlias—C. F. Cartledge, 1st; J. R. Maxwell (Samuel Trepas, Grd.), 2nd.

Six show dahlias—F. C. Cartledge. Three vases of outdoor roses, three varieties—Mrs. William Beard (Herman Miller, Grd.), 1st; W. Kimball, 2nd.

Twelve vases of dahlias, distinct varieties—W. E. Kimball, 1st; Percy Chubb, 2nd.

Collection of six kinds of vegetables—F. Petrona, 1st; C. F. Cartledge, 2nd.

The judges of the exhibition were Thomas Aitcheson, William Robertson and James Stuart, and many flattering comments were made on the thorough and capable manner in which they performed their duty.

JAMES MCCARTHY, Cor. Sec'y.

Los Angeles.

PROSPEROUS SEASON FORECASTED.

There is a decided feeling of optimism among the trade here, and all indications point to an early and prosperous season. Violets are arriving in good supply and chrysanthemums are showing marked improvement although the rains have hurt the outdoor varieties. Roses are coming quite good, some especially nice September Morn being seen. Dahlias are still in all their glory. It seems to the writer that this flower has greater possibilities than possibly any other, there being such a variety of color and form, and it seems to be so especially well adapted to the Pacific coast.

NOTES.

O. C. Saakes' force is working overtime these days, there being a heavy call for funeral work. A pall of yellow chrysanthemums seen here was very well done. Fine dahlias, chrysanthemums and September Morn roses were also leading items in the stock on display.

The Redondo Floral Co. is having a great run on Cecile Brunner. Stock of extra fine quality is to be seen here this season and the demand is heavy. A fine stock of chrysanthemums is also featured. Funeral work has been very good.

Andrew Bruce, who it was reported was to leave, will, owing to the death of his wife, remain with Wolfskill Bros. & Morris Goldenson. This firm arranged a large store decoration last week. Garlands of pompons were features.

Wright's Flower Shop, Inc., are sending out many boxes of cut flowers, the business of late having equalled that of the regular season.

H. R. Richards, who has been in charge of the nurseries of the Germain Seed & Plant Co. for some time, has resigned his position. G. H. H.

Indiana-Kentucky Florists' Joint Meeting.

About 40 members of the State Florists' Association of Indiana joined the members of the Kentucky Society of Florists at Anders Rasmussen's establishment, New Albany, Ind., October 17, the meeting, which was of a joint nature, mention of which was made in these columns last week, proving very interesting and profitable. A paper by A. F. J. Baur, Indianapolis, Ind., entitled, "False Economy," was very well received and was followed by a discussion led by H. G. Walker. The business session, which followed a buffet luncheon, occupied about two hours, and upon its adjournment the party were taken for an auto tour of points of interest in New Albany and Louisville. In the latter city a banquet was tendered the visitors at the Henry Watterson hotel, Anders Rasmussen acting as toastmaster. Among the speakers were President Kleinstark of the Kentucky society; President W. J. Vesey, Jr., of the Indiana association; Wm. Mann, of Kentucky; W. W. Coles, Kokomo, Ind.; August R. Baumer, Louisville, and Irwin Bertermann, Indianapolis, Ind. The second day of the meeting was devoted to pleasure and sight seeing.

Buffalo, N. Y.

MANY WEDDINGS NOW AND LATER.

The past week has been a forerunner of what is on the calendar for the early fall—namely many weddings, six the past week having kept the trade busy. One was quite elaborate, both the house and church being handsomely decorated with chrysanthemums, dahlias, palms and ferns. Stock shows a marked improvement in quality daily, especially in roses.

NOTES.

It is rumored that W. J. Palmer & Son are to remove their Genesee street branch to the corner of Delaware and Chippewa streets in the new uptown shopping district. The location is very desirable and might be called the "Fifth avenue" of this city.

Carnations are scarce as yet but some very good ones are seen at both Pickelman's and Galley Bros. on Genesee street.

William Legg, the efficient secretary of the florists' club, is ill at his home but we hope for a speedy recovery.

Visitors: William Graham and daughter, Chicago; Robert Shock, Philadelphia, Pa.; M. Dykes, New York.

BISON.

OBITUARY.

August Carl Oelschig.

August Carl Oelschig, pioneer florist of Savannah, Ga., and founder of the well-known florist firm of A. C. Oelschig & Son of that city, died October 12 at the age of 68 years.

Mr. Oelschig was born in Saxony, Germany, and came to this country in 1874, first locating at Woodside, L. I., where he mastered the florist trade. In 1881 he went to Savannah where he engaged in the business of growing rose plants for the northern trade. He met with great success and finally embarked in the retail trade, adding in later years the culture of ficus on a large scale, which he continued with the aid of his sons until his death, the range consisting of 24 houses. He was also the introducer of wild smilax, palm leaves, southern palms and pine tops for decorative purposes.

Mr. Oelschig was identified with the S. A. F. for a number of years, having served as vice-president for the state of Georgia at various times. He was also a member of several fraternal organizations and was looked upon as one of the leading factors in the civic and benevolent activities of the city. His genial disposition and smile for all he met, endeared him to all. His funeral was largely attended and numerous floral tributes marked his last resting place.

John Vosburg.

John Vosburg, well known in the New York seed trade district, and for the past 12 years a clerk for J. M. Thorburn & Co., died October 10, aged 33 years. His death was the result of an accident, he having fallen down the stairs in the Terminal station, Newark, N. J., on the previous evening, and sustained a fracture of the skull. He was well thought of by his employers and associates, and his sudden death has cast a gloom over the district.

Charles Wrege.

Charles Wrege, a well known florist of Jersey City, N. J., and a resident of that city during the greater part of his life, died September 30, following a stroke of apoplexy. The death of his wife occurred less than a month before he passed away, and his demise was attributed to grief. He was born in Mecklenburg, Germany. His remains were laid to rest October 3.

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GLASS manufacturers report unusually large earnings.

Cuba's Potash Bubble.

Herald Havana cable says Cuba's potash bubble from which a number of persons expected to make millions, appears to be pricked. Chemists found that the millions of tons of rock supposed to abound with potash contained either no potash at all, or less than one per cent. Armour & Co., who had an option on a tract, for which Havana capitalists paid \$4,000 for registering the potash rights, are so convinced of possibilities of finding potash that arrangements have been made to continue explorations.

Where Last Heard From.

Phil Scott, Chicago, October 1, enroute to Buffalo, N. Y.

L. Coatsworth, Chicago, December 30, 1915.

Two inches of snow fell at Calumet, Mich., October 16.

THANKSGIVING will fall on November 30 this year, according to President Wilson's proclamation.

WHEN in need of stock or supplies of any kind in a hurry it will be a great advantage to have a copy of the latest edition of our Trade Directory at hand for names and addresses. The price for the latest (1916) edition is \$3 per copy, postpaid.

State Insecticide and Fungicide Laws.

In connection with the enforcement of the Insecticide Act of 1910, the insecticide and fungicide board of the United States department of agriculture, having received many inquiries from correspondents relative to the requirements of the various state laws regarding the manufacture and sale of insecticides and fungicides, has issued "Service and Regulatory Announcements No. 13" under date of September 16, 1916. This will be supplemented from time to time to include changes which may be necessary and any amended or new laws. Free distribution will be limited to firms and establishments especially interested. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at five cents each.

American Rose Society.

The executive committee of the American Rose Society met in New York October 9, and considerable business was gone over. A report was made in regard to the Washington test garden, that it had been materially improved since early spring, and that Dr. Van Fleet was to assume general direction of the same. Application and correspondence was gone over relative to a rose test garden at Bellingham, Wash.; also at College Station, Tex.

Application was received from Howard & Smith, Los Angeles, Calif., for the registration of a new seedling under the name of "California", described as follows:

Rose California, in color, is burnt orange, shaded with golden yellow at the base of the petals. The flowers full, buds long and pointed, fairly fragrant, a strong vigorous grower in this climate, and practically mildew proof.

This rose has been investigated and the registration ordered.

The place of the next annual meeting was a topic of consideration and the suggestion has taken form to hold a rose society meeting in Philadelphia next spring. There were certain offers of a guarantee fund made by five individuals towards making it a success, and the matter by resolution was referred to President Pennock to make preliminary inquiry relative to the rose exhibit in Philadelphia in 1917 at the annual meeting.

It was decided to hold a meeting of the American Rose Society at the coming chrysanthemum show to be held in Philadelphia, November 8, when as many members of the American Rose Society as can, it is hoped, will attend.

The fund for rose disease investigation by Prof. Louis Massey of Cornell University has been responded to so far by 28 members of the American Rose Society.

BENJAMIN HAMMOND, Sec'y.

Coming Exhibitions.

[Secretaries are requested to supply any omissions from this list, and to correct any dates that may have been altered since the last advices.]

October 25-27, Keene, N. H.—Fall exhibition. New Hampshire Horticultural Society. Stanley K. Lone, secretary, Goffstown, N. H.

October 26-27, Madison, N. J.—Annual flower show, Morristown Horticultural Society, Assembly Hall. Edward Reagan, secretary, Morristown, N. J.

October 26-27, Madison, N. J.—Annual flower show of Morris County Gardeners' & Florists' Club. Edward Reagan, secretary, 139 Madison avenue, Morristown, N. J.

October 27-29, Mt. Kisco, N. Y.—Fall exhibition. Northern Westchester Horticultural and Agricultural Society. Civic Hall. Angus G. Ross secretary Annandale Farm, Mt. Kisco.

October 31, Los Angeles, Calif.—Fall show of the Los Angeles County Horticultural Society. Hal S. Kruckeberg, secretary, Los Angeles.

October 31-November 1, Greenwich, Conn.—Annual flower show Westchester and Fairfield Horticultural Society. Oscar N. Addor, Larchmont, N. Y., secretary. J. B. McCardle, Greenwich, Conn., exhibition manager.

November 1-2, Northampton, Mass.—Fourth annual show of the Holyoke and Northampton Florists' and Gardeners' Club.

November 1-3, Tarrytown, N. Y.—Fall exhibition, Tarrytown Horticultural Society, Music hall. E. W. Neubrand, Tarrytown, N. Y., secretary; James W. Smith, White Plains, N. Y., exhibition manager.

November 1-5, Boston, Mass.—Grand Autumn Exhibition Massachusetts Horticultural Society, Horticultural hall. William P. Rich, 300 Massachusetts avenue, Boston, secretary. James Wheeler, exhibition manager, Natick, Mass.

November 3-5, Tuxedo, N. Y.—Annual exhibition of the Tuxedo Horticultural Society. Thomas Wilson, secretary, Tuxedo, N. Y.

November 7-10, Philadelphia, Pa.—Annual exhibition Pennsylvania Horticultural Society, Horticultural hall, Broad street, below Locust. David Rust, secretary, Horticultural hall, Broad street, below Locust, Philadelphia, Pa.

November 8, Philadelphia, Pa.—Annual exhibition of the Chrysanthemum Society of America in conjunction with the Pennsylvania Horticultural Society's show. Chas. W. Johnson, secretary, 2134 West 110th street, Chicago.

November 8-9, New London, Conn.—Chrysanthemum Show, New London Horticultural Society, Court house. Stanley Jordan, Waterford, Conn., secretary.

November 8-10, New York.—Chrysanthemum exhibition. The American Institute of the City of New York, Engineers' building. Wm. A. Eagleson, secretary board of managers, 324 West Twenty-third street, New York.

November 9-10, Bloomington, Ill.—Fall Flower festival and meeting of the Illinois State Florists' Association, Coliseum. J. F. Ammann, secretary, Edwardsville, Ill.

November 9-11, Lancaster, Pa.—Fall show Lancaster County Florists' Association, Helmenze Auditorium. Frank Kohr, secretary, Lancaster, Pa.; Harry K. Rohrer, Lancaster, Pa., exhibition manager.

November 9-12, New York.—Fall exhibition, The Horticultural Society of New York, American Museum of Natural History. George V. Nash, secretary, Mansion, New York Botanical Garden, Bronx Park, New York.

November 10-12, Cleveland, O.—Second annual flower show under the auspices of the Ohio Horticultural Society. The Cleveland Florists' Club and the Garden Club of Cleveland, at the Hollenden. M. A. Vinson, manager, 402 Leader-News Bldg., Cleveland.

November 11-19, New Orleans, La.—New Orleans Flower Show in connection with stock show. C. R. Panter, secretary, N. O. Horticultural Society, 2320 Calhoun street, New Orleans, La.

November 14-15, Providence, R. I.—Exhibition, Rhode Island Horticultural Society, Ball Room, Narragansett hotel. Ernest K. Thomas, secretary, P. O. Box 180, Kingston, R. I.

November —, Lake Forest, Ill.—Fall show of the North Shore Horticultural Society. P. Back, secretary, Lake Forest, Ill. Date to be announced later.

January, 1917.—Indianapolis, Ind.—Annual convention and exhibition of the American Carnation Society. A. F. J. Baur, secretary, 3800 Rockwood avenue, Indianapolis.

March 15-17, 1917, St. Louis, Mo.—International Spring Flower Show. W. W. Ohlweiler, executive secretary, Missouri Botanical Garden, St. Louis.

March 15-22, New York.—Spring show under the auspices of the Horticultural Society of New York and the New York Florists' Club at Grand Central Palace. John Young, secretary, 53 West 28th street, New York.

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Key 715, care American Florist.

Situation Wanted—Expert gardener seeks engagement on first-class estate. All references. Good wages expected in return for guaranteed results. Address
Key 702, care American Florist.

Situation Wanted—By single man, age 27; 12 years' experience as gardener and florist; also decorator. Private place preferred. Best references, private and commercial. Address
Key 689, care American Florist.

Situation Wanted—By expert carnation grower; long years' experience in scientific growing of carnations, roses and 'mums'; first-class propagator; middle age, temperate and good worker. Address
Key 704, care American Florist.

Situation Wanted—As working foreman on big commercial place growing roses and carnations; life-long experience and scientific practice; can handle men; sober and industrious; good references. Address
Key 705, care American Florist.

Situation Wanted—Young man 26 married; thoroughly competent grower; carnations, chrysanthemums, pot plants, A 1 designer; reference as to character and ability.
EARLE FORTNEY,
1026 Carleton St., Fairmont, West Va.

Situation Wanted—Designer with executive ability and experience in growing, desires responsible position: experience and credentials that assure results. Ohio preferred but will consider good proposition; young, married; a hustler. Address
Key 710, care American Florist.

Situation Wanted—Horticulturist seeks engagement. Scientific and practical experience in raising vegetables in and out of doors; greenhouse management; bush fruits, tree surgery and cut flowers; good wages expected for guaranteed results on large scale; references, married, 32, one child. Address
B., Box 35, Pomfret Center, Conn.

Help Wanted—Saleslady and designer for large town, 50 miles from Chicago. \$12.00 per week to start. Address
Key 000, care American Florist.

Help Wanted—Young men, 17 to 19 years of age, to work in rose houses, at \$30.00 to \$35.00 per month. Apply FOEHLMANN BROS. CO.,
Plant B, Morton Grove, Ill.

Help Wanted—Two good rose growers for modern plant in Illinois: state wages, experience and enclose references in first letter. Address
Key 693, care American Florist.

Help Wanted—Good salesman and designer for Chicago retail store. Must come well recommended.
THE ROSERY FLORIST, 6772 N. Clark St.,
Phone, Rogers Park 4447. Chicago.

Help Wanted—At once, good gardener, must have experience in planting and care of trees and shrubs. References.
SWAIN NELSON & SONS' CO.,
940 Marquette Bldg., Chicago.

Help Wanted—At once, a young man with technical knowledge of general nursery stock and experience in making quick planting plans. This position offers a good future. Address
Key 687, care American Florist.

For Rent—Greenhouse for rent, 8,000 feet of glass, shed, living house. Rent, \$32.00 per month. Stock, \$400. 10 miles from Chicago loop.
Key 691, care American Florist.

For Sale—Greenhouse and six-room residence, big lot; no competition; all closed up; owner old lady; \$1,200, small payment, long time on balance.
C. P. WALDO, Chillicothe, Illinois.

For Sale—Chicago flower store on prominent north side street. Good opportunity for live florist.
A. C. KOHLBRAND,
174 North Wabash Avenue, Chicago.

For Sale—Established flower store in Loop. Long lease, low rent, owner cannot give attention to business. Small amount cash required. This is a gold mine for a live florist. Address
Key 706, care American Florist.

For Sale—High class flower store, with small greenhouse; located near Chicago; doing good business; reason for selling, wish to retire; \$1000 cash, balance on reasonable terms. Address
Key 703, care American Florist.

For Sale—Carnation support. "Common Sense," 3000 stakes and 9000 rings, \$16.00 per 1000. These supports have been used about two seasons and some are new. Cash.
LA CROSSE FLORAL CO., La Crosse, Wis.

For Sale—Owing to the fact that my store in the Palmer House needs my personal attention, I will sell my new place in the Edgewater Beach Hotel, Chicago, to some responsible party at very reasonable terms. Big bargain for a live wire. Act quick.
JOHN MANGEL,
17 East Monroe St., Chicago, Ill.

For Sale—Old established florist business three greenhouses attached, \$2,500; nothing for good will; stock of plants, implements, horse, wagons, fixtures and supplies will invoice the amount; near hotels and large theatres, 15 minutes from loop.
GEORGE C. WAGNER,
3116 Indiana Ave., Chicago.

For Sale or Rent—Cheap: 7,000 feet of glass, planted to chrysanthemums, carnations and sweet peas. Houses are new, 60 miles from Spckane, Wash. Present owner does not understand business. Doing good business. Address
Key 712, care American Florist.

For Sale or Rent—On easy terms a most prosperous florist's business in this fast growing city. This is a snap, and if you are wise, you will look into it. Particulars and terms by appointment; apply at Room 23 in the Mack Block, S. W. corner East Water and Wisconsin Streets, Milwaukee, Wis., or address
FRED L. HAHN, 1081 Eleventh St.,
Milwaukee, Wis.

FOR RENT

Greenhouse, 6,000 feet of glass; store, living rooms; all electric lighted. Or will sell on easy payments. Located in South Chicago. Apply to
OSCAR METZ,
5525 Harper Ave., Chicago

FOR SALE

Bargain, 1914 Buick Six, self starter, equipped with electric light, etc. Good condition. Cost \$2,150 new.
Key 713,
care American Florist.

HELP WANTED

A wholesale storeman who understands the out-of-town trade and can get growers. Applicant must have Chicago market experience and come well recommended.

SINNER BROS.

158 North Wabash Avenue, CHICAGO

HELP WANTED

A Salesman and Designer

Advertiser has an opening for a good live wire salesman and designer for a prosperous store near Chicago. Young honest fellow with proven ability preferred. Salary no object. We want the man.
Key 714, care American Florist

WANTED NIGHT FIREMAN

Good wages to the right party. Apply
SINNER BROS.

158 N. Wabash Ave., CHICAGO

Florists' Auto Truck For Sale.

Fine, newly painted, 1916 model, Studebaker ¾-ton, panel body truck for florists' business. Equipped with electric starter and lights, heating system, sides lined shelving, and front partitioned. Has been in use but six months and is in fine running condition.

Special Auto Delivery Service,
4835 Kenmore Ave., CHICAGO.

Situation Wanted

By an all-'round practical man, with 18 years' experience in growing, designing, decorating and salesmanship; married and American-born. Address
Key 711, care American Florist.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2¼x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

NEW EDITION—Issued August, 1916.

TRADE DIRECTORY

Florists, Nurserymen and Seedsmen

OF THE

UNITED STATES AND CANADA.

Price \$3.00, Postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

JOSEPH HEACOCK COMPANY'S PALMS AND FERNS



**HOME GROWN
WELL ESTABLISHED
STRONG AND HEALTHY**

CIBOTIUM SCHEIDEL.	Each
9-in. tubs, 4 ft. spread.....	\$ 4.00
9-in. tubs, 5 ft. spread.....	5.00

JOSEPH HEACOCK CO.,

Boston.

TRADE VERY SATISFACTORY.

Business has been very good during the past week considering the quantity of flowers shipped to the market. Roses have been plentiful, but they have been selling very well. The average stock sells at from one to eight cents, while Russell, Hadley and long stemmed Ophelia have been scarce and selling for high prices. Carnations are scarce, there being only a very few growers getting long stems and large blooms as yet. The average carnations coming in are short stemmed and fail to meet with the necessary standard of good quality, but they are in good demand and have been selling at from two cents to four cents on the very fancy kinds. Pink and white are the best selling colors. The chrysanthemum crop is a little late this year, Smith's Advance, Golden Glow and Unaka being about the only varieties in the market. The best price of the average grade of flowers is \$1.50 per dozen, although some extra fine blooms bring more in some cases. Formosum lilies are in short crop and move readily. Lily of the valley also finds a good market. Some of the earlier flowering kinds of snapdragon are seen in the market and the demand is very good. Yellow marguerites are scarce and sell well at \$1 to \$3 per 100 according to size. Pot plants are not plentiful, chrysanthemums being about the only thing obtainable besides ferns. All told the market is very satisfactory, both to wholesaler and retailer, as business on both ends seems to be brisk.

NOTES.

The Massachusetts Horticultural Society has passed a resolution that hereafter there will be no complimentary tickets given, as it has been rather an abused privi-

lege for the past few years. They have issued what is termed trade tickets which may be bought in blocks of 25 at \$20 per 100. The coming chrysanthemum show has a schedule which should bring out one of the best shows ever held in the hall for its kind. The committee on schedules have endeavored to interest the commercial growers in particular this year and have accordingly prepared a list of prizes that would be to the advantage of the grower to look up. The schedule may be obtained by writing the secretary.

Wm. Morris, of Wellesley, changed his entire stock of roses last year, cleaning up the beds and stocking up with new varieties. His roses, which are now being cut, show the results of the labor spent on them as they are the best he ever shipped to Boston. His Russell, Ophelia and Killarney Brilliant are specially fine.

Thomas Roland, of Nahant, is shipping a large crop of Smith's Advance and Golden Glow chrysanthemums to the market now. He also has a heavy crop of roses which are very good quality. His Richmond are extra fine.

Robert McGovern, of Natick, is cutting a fine lot of Golden Glow chrysanthemums. He has altogether 50,000 plants, which he expects to market this week.

Patrick Welch is receiving consignments of very fine American Beauties and orchids. He also has a large stock of especially fine chrysanthemums.

A. Segraber, of the Budlong Rose Co., is the happy father of an eight and a half pound boy born October 6.

E. T. Ridlon, buyer for F. E. Palmer, was married October 18 and is spending his honeymoon in New York.

Wm. Maloy, salesman for J. A. Budlong, Boston branch, is very sick at his home in Natick.

F. L. W.

ARECA LUTESCENS.

In. high	Each
6-in. pot, 3 plants in pot....	24-30 \$1.00

COCOS WEDDELLIANA.

In. high	Per doz.	Per 100
2½-in. pot 6-8	\$ 1.50	\$12.00
2½-in. pot 10-12	2.25	18.00

KENTIA BELMOREANA.

Leaves	In. high	Each	Per doz.
2½-in. pot 4	8-10		\$ 1.50
3-in. pot 5	12		2.50
4-in. pot 5-6	15	\$.45	5.00
5-in. pot 6-7	18-20	.75	9.00
6-in. pot 6-7	22-24	1.00	12.00
6-in. pot 6-7	26-28	1.50	18.00
6-in. pot 6-7	30	2.00	24.00
7-in. cedar tub. 6-7	34-36	3.00	36.00
7-in. cedar tub. 6-7	38-40	4.00	48.00
9-in. cedar tub. 6-7	40-42	5.00	60.00
9-in. cedar tub. 6-7	48-54	7.50	

Ready Oct. 15

9-in. cedar tub. 6-7	5-5½ ft.	10.00
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KENTIA FORSTERIANA.

Leaves	In. high	Each	Per doz.
6-in. pot 5-6	24	1.00	12.00
6-in. pot 5-6	30-32	1.50	18.00

KENTIA FORSTERIANA, Made-Up.

In. high	Each
7-in. cedar tub, 4 plants in tub.....	30-36 \$ 3.00
7-in. cedar tub, 4 plants in tub.....	38-40 4.00
9-in. cedar tub, 4 plants in tub.....	40-42 5.00
9-in. cedar tub, 4 plants in tub.....	42-48 6.00

Ft. high

9-in. cedar tub, 4 plants in tub.....	4-4½	7.50
---------------------------------------	------	------

Ready Oct. 15.

12-in. cedar tub, 4 plants in tub.....	5	10.00
12-in. cedar tub, 4 plants in tub.....	5-5½	12.00
12-in. cedar tub, 4 plants in tub.....	5½-6	15.00
12-in. cedar tub, 4 plants in tub.....	6-7	18.00
12-in. cedar tub, 5 plants in tub.....	7-8	22.00

Railway Station,
Jenkintown.

Wyncote, Pa.

Washington, D. C.

SUPPLY PLENTIFUL AND SALES GOOD.

With stock plentiful and business good the retail stores have nothing to complain of. Chrysanthemums are in good supply and of good quality for this time of the year, and orchids and lily of the valley are arriving in more generous quantities and prices are more reasonable. Violets are seen, both single and double. Carnations are plentiful, considering the season. Local grown gardenias of good quality are seen. Funeral work has been brisk during the past week and appears to have been quite evenly divided among the various stores.

NOTES.

Mrs. J. P. Martin of New York has leased the J. R. Freeman greenhouses on Georgia avenue. S. Simmons, for 18 years gardener on the Leiter estate, is in charge.

Theo. Diederick of Angiers Heights is supplying the local market with very fine single violets, snapdragons, calendulas and chrysanthemums.

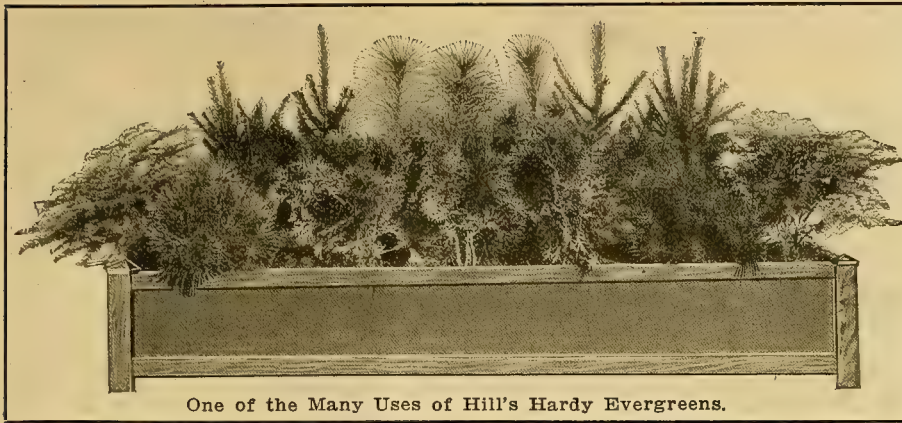
S. S. Pennock-Meehan Co. is showing some very fine chrysanthemums. Their American Beauty display is about the best in the city.

The Washington Florist Co. had its window decorated this week with orchid plants and Japanese vases. It attracted much attention.

George Lavalley is sending in the first Spencers seen here this season.

Visitors: S. Bayersdorfer, C. Meehan and A. Heatherton, all of Philadelphia; W. McKissick, Baltimore, Md.; W. Rehder, Wilmington, N. C.; J. B. Bowen, Wilson, N. C.; W. Pfletcher, Zanesville, O. G. C. D.

ITASKA, ILL.—H. H. Geils is building four 100-foot houses, two 20 feet wide and two 28 feet wide.



One of the Many Uses of Hill's Hardy Evergreens.

Place Hill's Hardy Evergreens on Display now.

Best for Winter Window Boxes and Outdoor Decoration.

They'll sell themselves.

Progressive Florists

will appreciate the big sales possibilities of Hill's Hardy Evergreens. Now's the time to have them on display—when soft stocks are being thrown out. Push Hill's Hardy Evergreens now and during the coming months. Hill's stock is grown for high-class trade and will please your most exacting customers. Talk winter Evergreen window boxes to the people who have had the summer decorations. Boxwoods, Bays, etc., will soon have to be taken inside—these can all be replaced with hardy outdoor tubbed Evergreens. Both are easy to sell as summer stocks and give complete satisfaction. Try out this line now and see for yourself. Prices include careful packing and crating F. O. B. Dundee. Place your orders now. We will ship at once or reserve them and ship whenever wanted.

HILL'S COMPLETE ASSORTMENT OF HARDY EVERGREENS FOR WINDOW BOXES, URNS, ETC.

	Size	Each	Doz.	100		Size	Each	Doz.	100
Hardy Evergreens (especially grown bushy stock), Assorted Varieties (Our Selection)... (\$8.00 per 50)				\$15.00	Pinus Strobus (White Pine).....	12-18 in.	\$0.30	\$1.95	\$15.00
Picea Excelsa (Norway Spruce)....	12-18 in.	\$0.20	\$1.80	10.00	Thuya Occidentalis (Am. Arb. Vit.)..	12-18 in.	.30	2.15	16.00
Pinus Austriaca (Austrian Pine)...	12-18 in.	.30	2.15	16.00	Bush Boxwood for Window Boxes				
Pinus Mugho (Dwarf Mugho Pine)...	8-10 in.	.35	2.40	18.00	Boxwood, Bush Shaped.....	10-12 in.	\$0.30	\$3.00	\$22.50
					Boxwood Suffruticosa (Dwarf Edging)	4-6 in.	.10	1.00	6.00

6 of same variety and size at dozen rate; 50 of same variety and size at 100 rate.

HILL'S HARDY TUBBED EVERGREENS (CLIPPED SPECIMENS)

	Each	Pair		Each	Pair
Abies Tsuga Canadensis (Hemlock), 2 feet.....	\$2.75	\$5.00	Picea Pungen Kost. (Grafted Blue Spruce), 2 feet....	\$3.00	\$ 5.50
Abies Tsuga Canadensis (Hemlock), 3 feet.....	3.50	6.50	Picea Pungen Kost. (Grafted Blue Spruce), 2½ feet..	3.75	7.00
Juniperus Glauca (Pyramid Shaped), 3 feet.....	3.50	6.75	Taxus Baccata (Ball Shaped), 18 x 18 inches.....	6.00	10.50
Juniperus Glauca (Pyramid Shaped), 4 feet.....	4.50	8.00	Taxus Baccata (Ball Shaped), 21 x 21 inches.....	9.50	18.00
Juniperus Hibernica (Pyramid Shaped), 2 feet.....	1.75	3.00	Taxus Baccata (Pyramid Shaped), 3 feet.....	5.00	9.00
Juniperus Hibernica (Pyramid Shaped), 2½ feet.....	2.00	3.75	Taxus Baccata (Pyramid Shaped), 4 feet.....	7.00	12.00
Juniperus Hibernica (Pyramid Shaped), 3 feet.....	2.50	4.50	Thuya Biota Orientalis (Pyramid Shaped), 2 feet....	2.00	3.75
Juniperus Hibernica (Pyramid Shaped), 3½ feet.....	3.00	5.75	Thuya Occidentalis (Ball Shaped), 24 x 24 inches....	3.85	7.50
Juniperus Schottii (Pyramid Shaped), 3 feet.....	3.75	7.00	Thuya Occidentalis (Ball Shaped), 30 x 30 inches....	4.85	9.50
Juniperus Schottii (Pyramid Shaped), 4 feet.....	4.75	9.00	Thuya Occidentalis (Pyramid Shaped), 3 feet.....	2.75	5.00
Juniperus Vir. Globosa (Ball Shaped), 18 x 18 inches..	2.75	5.00	Thuya Occidentalis (Pyramid Shaped), 4 feet.....	3.25	6.00

Above come in good, cheap, serviceable containers as illustrated. Painted green.

TERMS: Net cash. First order from all firms not having an account with us should be accompanied with full cash remittance. To customers of approved credit or who supply satisfactory trade references, 30 days net.

Complete Fall Wholesale Catalogue is Now Ready. Copy cheerfully sent upon request. Address

THE D. HILL NURSERY CO., Inc., Box 404, DUNDEE, ILL
EVERGREEN SPECIALISTS. LARGEST GROWERS IN AMERICA

HILL'S MOTTO

**HIGH QUALITY.
 REASONABLE PRICES.
 PROMPT SERVICE.
 COURTEOUS TREATMENT.**

Give us a trial. We can save you money and please you as well. Our close proximity to Chicago, the great railroad center, means quick service and low Chicago rates.



Taxus

Picea Pungen

Thuya

Juniperus

Bayersdorfer's

The Florists' Supply House of America

OUR NEW FOLDER FOR 1916 - 1917

Is now ready. Tells you what you should have.

If you did not receive it, send for it.

A postal will bring it.

H. BAYERSDORFER & CO.,
1129-1131 ARCH STREET, PHILADELPHIA, PA.

San Francisco.

BUSINESS EXCEPTIONALLY GOOD.

It is the unanimous opinion of all the retailers that business has seldom been better than at present. Every store seems to be the same. In some instances the hardest matter seems to be to get sufficient stock to fill the demand. This is especially true of chrysanthemums. The continued dark and rainy weather has held the stock back, which together with the unusually heavy shipping demand, has caused a very sharp advance in the prices. Clara Wells has leaped into great favor this season as a yellow and some grand stock is arriving, but not nearly enough for requirements. All things considered the chrysanthemum growers are having one of the best years in their history. Good roses, especially Russell, are in heavy demand with the supply short. The same is true of American Beauty and all other varieties. Carnations, too, are not in over supply and everything of good quality is rapidly absorbed. It is expected that they will advance sharply in prices soon. Violets are getting more plentiful daily, and with ideal growing conditions the quality is rapidly improving. Large quantities of these find their way out of this market through the shipping outlet. Orchids and gardenias are very scarce and hard to get. Lily of the valley, too, is on the scarce list. The weather conditions have been very poor for dahlias and other outdoor stock, but it is expected that the former will hang on for several weeks or until heavy frosts arrive. Some greenhouse grown snapdragon are to be had and good stock moves well. The trade in pot plants is about the only item that moves slowly. There are plenty of splendid cyclamens, begonias and other flowering plants. Some good pot chrysanthemums are to be had also. Greens of all kinds, with the exception of smilax, are in good supply.

NOTES.

John Charles Olmstead, senior member of the firm of Olmstead Bros., Brookline, Mass., spent several days here last week, perfecting plans for the construction of parks and streets in the

new garden home center of St. Francis wood. This property is the creation of the firm and has been worked out in charm and development to a far greater extent that had been expected by Mr. Olmstead, who was last here three years ago, when ground was broken for the first improvement work on the tract. He is accompanied by James Frederick Dawson, son of the late Jackson Dawson, and E. C. Whiting, landscape engineers in the employ of his firm, who will remain here until the contract work, now under way, will be completed. Many acres of parks are included which will require thousands of trees and shrubs.

The board of trustees of Leland Stanford University have set aside a large sum of money to be used for the establishment and equipping of the Stanford Arboretum. Owing to lack of funds this project has not had the attention it was originally intended to have. Now that ample means are at its disposal it is planned to make this arboretum one of the finest in the country. Prof. Sargent of the Arnold Arboretum has visited the site and has expressed the opinion that it has all the possibilities of being made into an ideal spot.

Owing to the unprecedented shipping of cut flowers out of this city to eastern points, Wells Fargo & Co. have found it necessary to increase their refrigerator express car service. Instead of having refrigerator cars leave this city twice a week, they announce that hereafter cars will leave here every Monday, Wednesday and Friday nights direct to New York. This service is greatly appreciated by the wholesalers and it will tend to further increase the shipping to a very material advance.

The final meeting of the Menlo Park Horticultural Society before its fall show was held October 11. Final arrangements for the exhibition were completed. There were a large number of exhibits shown during the evening by the members. Chrysanthemums, particularly the newer varieties, were much in evidence and were of splendid growth, some magnificent

Marigold calling for special attention. Every indication points to a record breaking attendance.

John Carbone, the orchid grower of Berkeley, reports excellent trade. He has added more than 100 cases of orchids to his stock this season, all of which is in splendid condition. He reports the sale of a large number of hybrids to the Fleishacker collection at Menlo Park. His plants are recovering from the recent injury due to gas fumes from a neighboring factory. He promises to be a large exhibitor at the Menlo Park Show.

Henry Goertzheim of the Redwood City Nursery, is bringing in his usual fine cut of chrysanthemums. Two houses of Ongowa were especially fine. He is having one house planted to pot lilies for Easter forcing. We also noted a grand lot of Maud Jeffries chrysanthemums. All of the cut from this range is sold in this city.

Despite the inclement weather there was a good attendance at the monthly meeting of the Pacific Coast Horticultural Society, October 7. The exhibits were varied and of the usual excellence. Professor Stevens of the University of California, gave a stereopticon lecture which was greatly enjoyed by all the members.

Henry Avensino reports himself well pleased by the business being done at his new store on Geary street. The store is of very attractive appearance and nothing but high class stock is handled. Sam Matraia has been added to the staff of assistants.

There was a very creditable display made in the floral section of the Fresno district fair. Nearly all the prominent florists and growers had stock on display, particularly those of the central part of the state.

Dan MacRorie and Donald McLaren have returned from a visit to the southern part of the state. Mr. MacRorie leaves this week for a trip throughout the northern part of the state.

Heine Cooper of the MacRorie-McLaren Co., returned from a vacation at Sacramento last week.

M. H. Ebel of Sacramento was in town during the week.

Bulbs and Boxwood at Auction

Mammoth shipments offered each **TUESDAY** and **FRIDAY** at 10 o'clock a. m.

ALSO LOCAL CONSIGNMENTS OF

Palms, Ferns, Dracaenas, Rubbers, Etc.

To be offered in lots to suit the large and small buyer. Send for Weekly Catalogue.

The MacNiff Horticultural Company

52 to 56 Vesey Street, NEW YORK

The Largest Horticultural Salesrooms in the World

Mention the American Florist when writing

Mrs. R. E. Darbee has moved her wholesale shipping department down town to the flower market district on St. Anne street. Mrs. Darbee has had this move in contemplation for some time. The store is fitted in the most modern manner as regards equipment. She is now in a better position than ever to care for her rapidly growing business. The retail store on Hyde street will be maintained as heretofore.

Fred Jaeger has disposed of his interest in the retail store of the MacRorie-McLaren Co. on Powell street. Walter Hoffinghoff, for years connected with the firm, has acquired Jaeger's interests. Mr. Hoffinghoff is well known to the trade along the coast. He is also secretary of the Pacific Coast Horticultural Society.

Much interest is being manifested in the dahlia show, which will open October 3. A great number of entries have been received by Manager Plath and it is expected that the show will surpass the one held last month. Full particulars of the winners will be given next week.

Nels Peterson of the Peninsula Nursery is sending in some of those fine carnations for which he is noted. The stock is as usual in splendid shape, the new houses especially showing up in excellent condition.

C. Kooyman is now receiving some good American Beauties from his own greenhouses. He reports a very good business in Dutch bulbs and supplies. G. N.

Hagerstown, Md.

The floral department of the Hagerstown interstate fair, held October 10-13, was of a much higher order than most county and state fairs. The premium list for plants and floral work amounted to over \$600. The prizes for specimen plants were very liberal; also those for cutflowers and most of the made-up design work, except the large pieces which might have been offered more incentive. The quality of the plants and cutflowers and their artistic arrangement was of a high order, quite good enough for entry in the flower shows of the large cities. The principal exhibitors were Henry A. Bester & Son, Wm. Bester, and Henry Holsafel, Jr., who made entries in all the classes of plants and cut-flower work. The Flower Shop, C. L. Brewer, proprietor, also exhibited in the plant section. There were three prizes for all classes, which, when the

Beechwood Heights Nurseries

THOMAS YOUNG, Jr., Proprietor

BOUND BROOK, - N. J.

Cut Flowers of all the leading varieties of

Orchids in their Season

also

Gardenias and Roses

Telephone, Bound Brook 74

Mention the American Florist when writing

Horticultural Trade Journal

Published weekly. The Largest, Brightest and Best British Trade Publication. Also

THE INTERNATIONAL EDITION

Published quarterly. Annual subscription for weekly and quarterly numbers One Dollar. (International money order.) Subscribe today and keep in touch with European markets and topics.

THE HORTICULTURAL PRINTING COMPANY
BURNLEY, ENGLAND

awards were made, were found to be pretty evenly distributed. Most of the stock, both of plants and flowers, was grown in Hagerstown, all the firms except the Flower Shop, having extensive ranges of glass. Henry A. Bester & Son have a retail shop under the Hamilton hotel, while the newly opened store of The Flower Shop, in the square, is very well located. The other two firms handle all their business at their greenhouses. K.

For Plants and Cuttings Get
Our Prices Before Ordering
Elsewhere.

Asparagus	Dracaena
Begonias	Ferns
Bulbs	Geraniums
Calceolaria	Hydrangeas
Calendula	Primula
Cineraria	Smilax
Cyclamen	Snappedragons
Daisies	Violets

Our guarantee with every order.

Write for a copy of our latest Plant Bulletin.

S. S. PENNOCK-MEEHAN COMPANY
PHILADELPHIA, 1608-1612 Ludlow St.
BALTIMORE, Franklin and St. Paul Sts.
WASHINGTON, D. C., 1216 H St., N. W.
NEW YORK, 117 W. 28th St.



CHAS. H. TOTTY

MADISON, NEW JERSEY

Wholesale Florist

Chrysanthemum Novelties my Specialty

Mention the American Florist when writing.

Emphatically Yes!

When you ask us whether we make shipments promptly; whether our prices are right. Whether our goods have class, our answer is **EMPHATICALLY YES**

CHRYSANTHEMUMS AND POMPONS

We are now offering the finest quality stock we ever had.

BIG CROP OF ROSES

Largest Assortment—Finest Quality.

Wild Smilax, Leucothoe, Mexican Ivy, Ferns Farleyense, extra fancy, also Fancy Hybridum supplied on short notice

CURRENT PRICE LIST—In Effect Now.

AMERICAN BEAUTIES.		Per doz.
Long	\$4.00 to \$5.00	
30-inch	3.00	
24-inch	2.50	
20-inch	2.00	
15 to 18-inch	1.50	
Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00.		
OPHELIA, RICHMOND, MILADY, SUNBURST, KILLARNEY BRILLIANT, KILLARNEY, WHITE KILLARNEY, WARD.		
		Per 100
Long	\$8.00	
Medium	\$4.00 to 6.00	
Short	3.00	
ROSES, good short—our selection. In lots of 500 to 1,000, \$20.00 per 1,000.		

MRS. CHAS. RUSSELL.		Per 100
36 inches long	\$20.00	
30 inches long	18.00	
24 inches long	15.00	
18 to 20 inches long	12.00	
14 to 16 inches long	8.00	
Short	\$4.00 to 6.00	

MINIATURE ROSES.		Per 100
Cecile Brunner	\$2.00	
Fireflame	2.00	
Baby Doll	2.00	
George Elgar	2.00	

FANCY CUT FERNS.		Per 100
Farleyense	\$8.00 to \$12.00	
Hybridum	1.50	
Adiantum .....	.75 to 1.00	

MISCELLANEOUS CUT FLOWERS.		P
CHRYSANTHEMUMS, per doz.,	\$1.50 to	
POMPONS, per bunch	50c	
CATTLEYAS	\$7.50 to	
VALLEY	\$4.00, \$5.00,	
CARNATIONS	\$3.00 to	
Lilies	\$12.50 to	
Gypsophilla, \$1.00 per bunch.		

GREEN GOODS.

Mexican Ivy	
Leucothoe sprays	
Sprenger and Asparagus Sprays	\$2.00 to
Galax (bronze and green)	\$1.50
New flat ferns	2.00
Wild smilax	6.00
Boxwood	25c per bunch, per case, 7.50

SUPPLY DEPARTMENT

Listen To Reason

CORSAGE TIES

New and Novel.

VIOLET FIBRE PAPER

24-inch, per lb., 10 cents.

Immortelles

Ruscus

Magnolia Wreath

Waxed Roses

Oak Leaves

Oak Sprays

Look for our Fall Circular mailed last week. If you don't get it, write for one.

Made-up Wreaths for All Saints' Day
50 Cents to \$1.00 Each. **SATISFACTION GUARANTEED.**

POEHLMAN
72-74 E. Randolph St.,

Kentias Western Kentias Headquarters

Largest and most complete stock offered in the West, in a healthy, strong and clean condition.

All previous prices quoted on Palms are hereby cancelled.

KENTIA FORSTERIANA SINGLE PLANTS.

Leaves	Each
6 inch pots 5-6 28 inches high...	\$ 1.25
6 inch pots 6-7 32-34 inches high...	1.50
6 inch pots 6-7 34-36 inches high...	2.00
8 inch tubs 6-7 40-42 inches high...	3.50
8 inch tubs 6-7 42-46 inches high...	4.00
8 inch tubs 6-7 50 inches high...	5.00
9 inch tubs 6-7 52-56 inches high hv	7.00
10 inch tubs 6-7 60 inches high...	8.00
10 inch tubs 6-7 60-65 inches high...	12.00
15 inch tubs 6-7 8 feet high...	40.00
15 inch tubs 6-7 9-10 feet high...	50.00

KENTIA BELMOREANA SINGLE PLANTS.

Leaves	Each
2½ inch pots 4 \$1.50 per doz., \$12 per 100	
ins. high Per Doz.	
1 inch pots 5-6 16-18 45c each	\$5.00
3 inch pots 5-6 24 each	1.25
6 inch pots 5-6 28 each	1.50
8 inch tubs 5-6 42 each	5.00

Specimen plants, 15 inch tubs, \$75.00 each.



KENTIA FORSTERIANA MADE UP PLANTS.

Plants	Each
6 inch pots 3 26-28 inches high...	\$ 2.00
7 inch tubs 3 30-32 inches high...	2.50
8 inch tubs 3 38 inches high...	4.00
8 inch tubs 4 48-50 inches high...	5.00
9 inch tubs 4 52 inches high...	6.00
10 inch tubs 4 54 inches high...	8.00
12 inch tubs 4 60-64 inches high...	12.00
12 inch tubs 4 66 inches high...	15.00
15 inch tubs 4 6-6½ ft. high, heavy..	25.00
15 inch tubs 4 75-80 inches high...	30.00

ARECA LUTESCENS.

Plants	Each
6 inch pots 4 bushy, 24-26 inches high.	\$1.25

ASPIDISTRAS.

5 inch pots 10-12 leaves green	1.00
6 inch pots 16-20 leaves green	1.50
5 inch pots 10-12 leaves var.	1.50

10,000 POT CHRYSANTHEMUMS

A Good Supply of These Choice Plants Are Now Ready for Delivery
FOR OCTOBER AND NOVEMBER DELIVERY

½-in. - 6-in. pots, 50c to 75c each; 7-in. pots, \$1.00 to \$1.50 each; larger specimens, \$2 to \$5 each

aucaria Excelsa, 5-in. pot,	\$.60 each
“ “ 6-in. pot, . 75c to	1.00 each
“ “ 7-in. pot, \$1.25 to	1.50 each
aucaria Robusta Compacta, 6-in.,	1.25 each
“ “ 7-in.,	2.00 each

Larger specimens, \$3.00 to \$5.00 each.

leus Emperor William, 5-in. pots, 25c to 35c	each
indanus Veitchii, 4-in.,	\$.35 each
“ “ 6-in.,	\$.75 to 1.00 each
“ “ 7-in.,	1.25 each
“ “ 8-in.,	2.00 each

otons, 4-in.,	.40 each
ubber Plants, 5-in.,	\$.50 to .75 each

Asparagus Sprengeri, 3-in. pots,	\$ 6.00 per 100
“ “ 4-in. pots,	10.00 per 100
Asparagus Plumosus, 2½-in. pots,	3.50 per 100
“ “ 3-in. pots,	7.00 per 100
Table Ferns, 2½-in. pots,	3.00 per 100
“ “ 3-in. pots,	6.00 per 100
“ “ 4-in. pots,	10.00 per 100
Holly Ferns, 5-in. pots,	.25 each
Begonia Luminosa, 5-in. pots,	.20 each
Begonia Chatelaine, 2¼-in. pots,	\$ 3.50 per 100
“ “ 3-in.,	8.00 per 100
“ “ 4-in.,	15.00 per 100
“ “ 5-in.,	.25 each

BOXWOODS, Bush, 15-inch, 50c each; 18-in., 60c each.

GRAFTED AND OWN ROOT ROSE PLANTS

Grafted, 3½-inch Stock.
\$140.00 per 1000.

00 Pink Killarney	600 Old Gold
00 White Killarney	350 Brilliant
00 Scott Key	900 Elgar

Grafted, 2½-inch Stock.
\$100.00 per 1000.

3900 White Killarney

Own Root, 3½-inch Stock.
\$96.70 per 1000.

400 Pink Killarney	300 Elgar
600 White Killarney	1625 Richmond
197 Old Gold	

N BROS. CO.

Long Distance Phone,
Randolph 35. CHICAGO, ILL.

CHRYSANTHEMUMS

Large White and Yellow Flowers, \$1.50 to \$3.00 per doz.; Pink, \$2.00 to \$3.00.

YELLOW POMPONS

50c to 75c per bunch.

CHOICE SHIPPING ROSES

We cut our flowers tight in the bud as the majority of our trade is shipping. Flowers that are sold mostly to the city trade are allowed to open more than for the shipping trade. The roses which we are receiving in large quantities direct from our greenhouses within a few hours of being cut, enable us to fill all orders with strictly fresh stock. This is the great advantage of buying direct of the grower. Order here.

CURRENT PRICE LIST

American Beauties		Per doz.
Specials, extra long stems.....		\$4.00
30 to 36-inch stems.....		3.00
Medium stems.....	\$1.50 to	2.50
Shorter lengths.....	.50 to	1.00

Hoosier Beauty, Rhea Reid, Ophelia, Sunburst, Shawyer.

	Per 100
Extra long	\$8.00 to \$10.00
Good medium.....	5.00 to 6.00
Short	3.00 to 4.00
Hoosier Beauty, special.....	\$12.00 per 100

Richmond, White and Pink Killarney Killarney Brilliant

Long.....	per 100,	\$6.00
Medium.....	"	\$4.00 to 5.00
Short	"	3.00

ROSES, our selection, in lots of 300 or more at the rate of \$25.00 per 1000.

White, Pink and Yellow CHRYSANTHEMUMS—Yellow Pompoms

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN

LONG DISTANCE PHONE:
CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

Mrs. Chas. Russell.

	Per 100
Special.....	\$15.00 to \$20.00
Long.....	10.00 to 12.00
Medium.....	8.00
Short.....	6.00

Cecile Brunner.....per 100, 2.00

CARNATIONS.....per 100, 3.00 to 4.00

LILY OF THE VALLEY.....\$5.00 to 6.00

ASPARAGUS SPRAYS and SPRENGERL. 2.00 to 3.00

**FERNS, new.....per 100, 25 cents; in lots
of 1000 or more, \$2.00 per 1000.**

ADIANTUM.....1.00

GALAX, bronze and green...per 1000, \$1.25 to \$1.50

Chicago.

STOCK IS IN BETTER SUPPLY.

Business is very good and stock of all kinds is scarce and at times during the past week some of the dealers found it impossible to fill all their late orders in full. American Beauty roses are reaching the market in splendid condition and in good supply but clean up quickly at satisfactory prices. Mrs. Chas. Russell roses are in brisk demand and command high figures but are very scarce. There has been a good call for roses in general all last week, particularly Hoosier Beauty, Milady, Hadley, Richmond, Sunburst, Ophelia, Killarney Brilliant, Killarney and White Killarney. Carnations are reaching the market in larger quantities but are in such good demand that there is never any surplus. Chrysanthemums are also more plentiful but seem to clean up at good prices almost as quickly as they reach the stores. Pompoms are offered but not in any great quantities. Lily of the valley is moving freely and some exceptionally fine stock in this line is obtainable. Lilies are still on the short side but orchids appear to be more

White, Pink and Yellow 'Mums

FINE STOCK AT 10c EACH AND UP.

M. C. GUNTERBERG, 158 N. Wabash Ave., CHICAGO, ILL.

plentiful. Daisies, mignonette, snapdragons, single and double violets and candytuft are among the offerings but in limited quantities. Gladioli, asters, dahlias, cosmos and other outdoor flowers are still included in the shipments but are gradually being dropped off the price lists. Sweet peas and gardenias are to be had in small lots if the buyer places his orders in advance or is on hand when the shipments are unpacked. The majority of the growers are looking forward to a tight market from now on until after the holidays, and it appears as if this might be true, for there is no sign of a break and the rose growers will be starting to top for Christmas just about the time that the chrysanthemum and carnation will begin to reach the market more heavily. Green goods of all kinds are in large supply including boxwood and southern wild smilax.

Red Ruscus

All stock—Perfect Christmas color.

\$75.00 per 100 lbs.

Red Frieze

\$75.00 per 100 lbs. (60 yards to roll).

Write for special wholesale price list of bulbs.

AMERICAN BULB CO.

172 N. Wabash Ave., CHICAGO, ILL.

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

LARGE QUANTITIES

KILLARNEY-WHITE KILLARNEY

Beauties, Russell, Sunburst, Ophelia, Champ Weiland,
Milady and other Roses mentioned in the price list below.

Fancy Chrysanthemums, Lilies, Lily of the Valley and Complete Line of Greens.

Current Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems	\$4.00
36 to 48-inch stems	3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.00
Short .....	.75

	Per 100
Richmond.....	
Killarney.....	
White Killarney.....	
My Maryland.....	Extra select
Sunburst.....	Select
Ophelia.....	Medium
Milady.....	Short
Champ Weiland.....	

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$2.00
Select	1.50
Medium	1.00
Short	\$0.50 to .75
	Per 100
Roses, our selection.....	\$ 3.00
Carnations	2.00 to 3.00
Chrysanthemums	per doz., 3.00 to 5.00
Harrisii	12.50 to 15.00
Valley	5.00 to 6.00
Adiantum	1.00
Asparagus, per bunch.....	.50 to .75
Ferns, per 1,000	\$2.00
Galax, bronze and green, per 1,000..	1.25

2,000,000 Feet of Modern Glass

NOTES.

Chas. H. Totty, Madison, N. J., John Young, New York, Wm. P. Craig, Philadelphia, George Asmus and John Michelsen, visited the Mt. Greenwood Cemetery Association greenhouses at Morgan Park one day last week and it is needless to add that W. N. Rudd and C. W. Johnson gave them a royal welcome. The stock in the greenhouses is in excellent shape, especially the chrysanthemums, which are just coming in splendid crop.

A. L. Randall is on deck again at the A. L. Randall Co.'s store after spending the summer at his farm in Michigan. A. M. Anderson of the supply department, made a business trip to New York this week. Frank McCabe returned from a western business trip in time to take in the special meeting of the Florists' Telegraph Delivery Association held at the Hotel LaSalle, October 11-12.

Bassett & Washburn cut their first pompons this week, which is exactly three weeks later than last year. C. L. Washburn spent a good part of his time last week in showing the out-of-town visitors through their new greenhouses at Greggs Station, where all the stock is in apple pie order, particularly the roses and chrysanthemums.

J. G. Darling, of C. A. Dahl Co., Atlanta, Ga., is visiting relatives at Hinsdale. He says that Ed. Siebrecht, who was formerly employed in this city, joined the ranks of the benedicts shortly after he entered the employ of the Dahl concern early last summer.

Peter Reinberg is in splendid crop with White Killarney roses and chrysanthemums. Carnations are also more plentiful at this house this week, but Manager Reichling has plenty of orders for all that are cut.

H. VAN GELDER, Pres. J. E. POLLWORTH, Gen'l Mngr. L. M. JONES, Sec'y

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

CHRYSANTHEMUMS

Largest and Finest Supply in the Country.

WHITE, YELLOW, PINK, \$1.50 to \$4.00 per Doz.

YELLOW POMPONS BRONZE

Fine Stock at 25c to 50c per bunch.

With the new connections we have made the past six months with the foremost growers in this part of the country we are in a position to offer you the most complete variety of cut flowers controlled by one concern in this country.

YOU CANNOT

buy our quality of Flowers elsewhere at a lower price and YOU
CANNOT buy our quality of service elsewhere AT ANY PRICE.

Very truly yours, PERCY JONES.

Chicago's Largest Dealers in Decorative Greens.

Mention the American Florist when writing

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

We are now cutting heavily in Ophelia and other roses of unsurpassed quality and can take splendid care of you in what you need in this line.

Current Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.		Per doz.
Long stems		\$5.00
36-inch stems		4.00
30-inch stems		3.00
24-inch stems		2.50
18-inch stems		2.00
12-inch stems		1.50
White—KILLARNEY—Pink.		Per 100
Extra Special		\$7.00
Select		6.00
Fancy		5.00
Medium		4.00
Short		3.00

RICHMOND		Per 100
Extra Special		\$7.00
Select		6.00
Fancy		5.00
Medium		4.00
Short		3.00
OPHELIA.		Per 100
Extra Special		\$7.00
Select		6.00
Fancy		5.00
Good		3.00
SUNBURST.		Per 100
Extra Special		\$7.00
Select		6.00
Fancy		5.00
Good		3.00

GEORGE ELGAR	35c per bunch
ROSES, OUR SELECTION, \$3.00 PER 100.	
LILIES, Fancy	\$12.50 to \$15.00
Chrysanthemums, per dozen.	\$1.50 to \$4.00
Carnations	\$3.00
Miscellaneous.	
Ferns, per 1,000	2.00 to 2.50
Smilax, per doz.	2.00
Adiantum	1.00
Sprenger, per bunch .....	.50
Asparagus Sprays, bunch .....	.50
Galax, bronze and green, per 1,000	1.25
Other Green Goods Market Rates.	

Poehlmann Bros. Co. is cutting a fine supply of roses of all kinds, including American Beauty and Mrs. Chas. Russell, which are selling like hot cakes. They are cutting quite heavily in chrysanthemums and the receipts of carnations are steadily increasing. Visitors to the Poehlmann range are surprised to find that only two houses of red carnations are being grown this season, but all the other favorite commercial varieties in white and pink easily make up the difference, particularly Matchless, which is being grown more heavily than ever.

Fritz Bahr, of Highland Park, was master of ceremonies when the new road facing the property of Ernst Wienhoeber, E. F. Winterson and his own was officially opened Thursday, October 12. A. F. Borden and wife, of Los Angeles, Calif., were present at the celebration, which was a red letter day in Highland Park. Mr. Bahr was slightly handicapped by a fractured ankle and several torn ligaments, but filled the bill to a queen's taste even though it was necessary to bring him to the scene in an automobile.

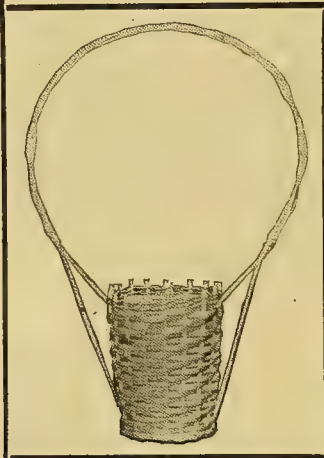
J. F. Ammann, of Edwardsville, who attended the meeting of the Florists' Hall Association here, October 14, used his spare time in boosting the fall flower show of the Illinois State Florists' Association to be held at the Coliseum, Bloomington, November 9-10. Mr. Ammann says that the coming exhibition is going to be the best ever and extends everyone a cordial invitation to attend and make a display and help make it the success that it deserves to be.

A. H. Schneider received first prize for the best decorated automobile in the Oak Park Business Men's carnival, held last week, which is not at all surprising when one knows that Herbert Stone did the job. Fred Wolfgram, proprietor of the Warrington Flower Shop, was awarded second prize for the best decorated store window.

A large number of the visitors to the special meeting of the Florists' Telegraph Delivery Association, held at the Hotel LaSalle last week, visited Poehlmann Bros. Co.'s greenhouses at Morton Grove during their visit here, where they were royally entertained by August and Adolph Poehlmann.

Miss Marion Garland, youngest daughter of Mr. and Mrs. Solomon Garland, of Des Plaines, and Otto Strobach, of the George Wittbold Co., were married Thursday morning,

THREE BIG BARGAINS



25 SMALL CUT
FLOWER BASKETS, \$7.50

Suitable for pompons, etc.

25 MEDIUM CUT
FLOWER BASKETS, \$15.00

Suitable for roses, carnations, etc.

25 LARGE CUT
FLOWER BASKETS, \$19.00

Suitable for American Beauty and Mrs. Chas. Russell roses, chrysanthemums and other long stemmed cut flowers.

Order as early as possible so as to avoid any possible delay in shipment. Wire in your order today and we will send it out on the next train. Hurry!

Send for our latest Catalog—just off the press.
You need it—a postal will do.

RAEDLEIN BASKET CO.

713 Milwaukee Avenue,

CHICAGO

October 19. The wedding was held at the home of Fred Wittbold, a large number of relatives and friends attending.

W. P. Ward, with the D. Hill Nursery Co., Inc., Dundee, reports a splendid demand for Hill's hardy evergreens, which are being used largely in this vicinity for window boxes and outdoor decorations. The A. L. Randall Co. has a display of Hill's stock at its store this week.

H. E. Philpott, of Winnipeg, Can., is here on a business visit. He is spending most of his time at A. T. Pyfer & Co.'s wholesale store and Pyfer & Olsem's greenhouses at Wilmette.

De Forest W. Ludwig, of the E. C. Ludwig Floral Co., Pittsburgh, Pa., and wife passed through here this week on their way to Los Angeles, Calif., where they will spend the winter.

O. A. & L. A. Tonner are showing a good supply of snapdragons, which they report are in excellent demand. Chrysanthemums have made their appearance in large numbers here.

Mrs. Ella Grant Wilson, of Cleveland, O., who attended the Florists' Telegraph Delivery meeting last week, remained a few days with the local trade exploiting florists' publicity.

George Wienhoeber had an opening at his enlarged store this week, which attracted considerable attention among the trade as well as the public.

Wm. J. Smyth, well known Michigan avenue florist, will celebrate the fifty-third anniversary of his birthday, October 20.

R. J. Coulterjohn is employed at Schiller's West Madison street store where George Asmus so ably presides.

R. W. Peterson, with J. A. Peterson, Westwood, Cincinnati, O., is calling on the trade here this week.

Listen!

**PLACE YOUR ORDER WITH
US. WE HAVE EVERY-
THING IN QUANTITY.**

BEAUTIES-'MUMS-ROSES-ORCHIDS-CARNATIONS-Etc.

CURRENT PRICE LIST—Subject to Change Without Notice.

Beauties.	Per doz.
Long stems	\$3.00 to \$4.00
30 to 36-inch stems	2.50
20 to 24-inch stems	1.50 to 2.00
15 to 18-inch stems	1.00
12-inch stems .....	.75

Mrs. Chas. Russell.

	Per 100
Extra fancy	\$15.00 to \$20.00
Good medium	10.00 to 12.00
Good short	4.00 to 6.00

Roses.

Ophelia, fancy	\$8.00 to \$10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00

	Per 100
Richmond, fancy	\$ 8.00
" good	\$5.00 to 6.00
" short	2.00 to 4.00
White Killarney, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Ward, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Sunburst, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney Brilliant, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Roses, our selection	3.00

Carnations.

	Per 100
Special fancy	\$3.00
Good	\$1.50 to 2.00

Miscellaneous.

	Per 100
Easter Lilies, select	\$12.50 to \$15.00
Orchids, Cattleyas....per doz.	7.50
Vandas, fine large sprays, 25c per flower.	
Chrysanthemums, per doz.	2.00 to 4.00
Violets, Home-Grown, Single.....	.75

Greens.

		\$0.50
Asp. Plumosus....per string,		
Asp. Plumosus Sprays....bunch,	\$0.35 to	.50
Sprengerl	per bunch,	.35 to .50
Adiantum	per 100,	1.00
Smilax, choice	per doz.,	1.50 to 2.00
Fancy Ferns	per 1,000,	2.00 to 2.50
Galax Leaves	per 1,000,	1.25
Wild Smilax, per case.....		\$5.00
Boxwood, per lb., 25c; 50 lb.		
case		7.50

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave, Chicago

Percy Jones is enjoying a splendid shipping as well as local trade and is showing a splendid line of roses, carnations and chrysanthemums. President Van Gelder and Manager Pollworth are enthusiastic over the outlook for the fall trade, which points to a record breaker. This firm is handling a bigger supply than ever of green goods, including boxwood and wild smilax.

At Wietor Bros.' store the receipts of chrysanthemums are daily increasing and the shipments this week include fancy Golden Queen, Oconto and Marigold. Chrysolora will be ready to cut in a few days and so will their first batch of pompons. N. J. Wietor still stands by his statement that Alice is the best light pink carnation in commerce today.

Sinner Bros. have their stock looking fine in their greenhouses this fall, particularly the roses, which attract much favorable attention. John Sinner is thinking seriously of devoting more of his time to the greenhouses and is in the market for a good wholesale storeman to take his place while he is away.

George Weiland and Paul Klingsporn, of the Chicago Flower Growers' Association, were busy as bees last week at the special meeting of the Florists' Telegraph Delivery Association, renewing old acquaintances and forming new ones. They had a car at the disposal of the visitors during their stay here.

Frank Stuppy, of the Stuppy Floral Co., St. Joseph, Mo., placed an order with the A. L. Randall Co. while he was in the city last week for 1,000

Roses===Carnations===Chrysanthemums

Everything else in seasonable Cut Flowers and Greens.

Supplies For Fall Decorations

Natural Prepared Oak Sprays--Colored Ruscus

Magnolia Leaves--Baskets--Ribbons--Chiffons.

Write for our weekly wholesale cut flower price list.

O. A. & L. A. Tonner
30 E. Randolph Street, Phone, CHICAGO, ILL.
Central 6284.

Thenanthos cuttings after he inspected it growing in the Anton Then greenhouses.

Zech & Mann's chrysanthemum supply has increased considerably the past week, according to Allie Zech, who adds that the varieties Early Snow and McNiece have made their appearance in large numbers.

H. J. Peterson reports trade as good at his retail establishment at Chicago Heights and the only complaint he has to make in regard to the past season's business was the scarcity of stock.

M. C. Gunterberg received her first shipment of New York violets Friday, October 13. She is handling a fine supply of chrysanthemums in white, pink and yellow.

Samuel Seligman and Robert Newcomb, of the American Bulb Co., have

started out again in quest of new orders. A. Miller expects to leave on another trip this week.

Meyer & Dramm, of Elmhurst, are cutting a fine grade of Ophelia and Hoosier Beauty roses. They consign all their stock to the E. C. Amling Co.

The team representing the trade in the North Chicago Bowling League lost three straight games Thursday evening, October 12.

Mrs. Hannah Thielmann has sold her store at 408 West Division street, to L. Hoeckner, who took possession October 16.

Hoerber Bros. are in good crop with chrysanthemums and have a splendid supply to offer in the early varieties.

Joe Erringer is back in the employ of Zech & Mann.



Make it Pay Every Day

By placing your orders with

A. T. PYFER & Co.

Wholesale Florists

30 E. Randolph Street, CHICAGO, ILL.

Long Distance Telephone—Central 3373.

J. A. Budlong is filling a large number of orders for carnations this week in addition to the regular demand for roses and other stock. Manager Schupp predicts a firm market until after the holidays at least. He figures that the rose growers will begin to top their plants for Christmas just about the time that the receipts of roses and chrysanthemums will be at their heaviest.

A. L. Vaughan & Co. are experiencing a brisk demand for American Beauty roses and orchids which they are handling in quantity right along. Their receipts of chrysanthemums are much heavier and consist of practically all the early leading varieties.

A. T. Pyfer & Co. are busy filling orders for straw flowers, of which they have a large supply and are finding a ready demand. This stock is sold by the bunch the same as carnations and at times brings as high as 35 to 50 cents.

Cincinnati.

GOOD SUPPLY IN ALL LINES.

Stock of all kinds is plentiful and the market is easy. All prices are very reasonable. A killing frost that will take away all outdoor stock is needed to give the market a firm tone. Roses are very plentiful and are generally of high quality. Carnations are selling very well and usually clean up each day. The receipts are not as heavy as they might be. Chrysanthemums are coming in strong. Easter lilies are in good supply. Both orchids and lily of the valley are excellent, but have only a fair market. Dahlias and cosmos are in a heavy supply, but as a whole, meet with a poor market because of the low prices.

NOTES.

Simon & Friche, of Silvertown, Ohio, have been shipping some choice early chrysanthemums to the Cincinnati Cut Flower Exchange.

Henry Sheppard was in Chicago last week attending the meeting of the Florists' Telegraph Delivery.

C. E. Critchell has been having an excellent lot of early chrysanthemums that have sold well.

Wm. Taylor sent some fine large pink chrysanthemums to L. H. Kyrk's last week.

Visitors: Jos. Hill, Richmond, Ind.; Fred Rupp, Lawrenceburg, Ind.; Fred W. Ritter, Dayton; R. G. MacLellan, Chicago; M. A. Legander, representing A. L. Randall, Chicago; A. G. Guthman, Atlanta, Ga., and Julius Dilloff, New York.

St. Louis, Mo.

MARKET CONDITIONS EXCELLENT.

The city is enjoying a degree of prosperity never before experienced, consequently there is a great demand for cut stock. Social affairs, weddings and funerals have kept the retailers quite busy. The warm October weather has brought an abundance of flowers in to the market and some are of very good quality. The regular stock of carnations have started to come in and the quality becomes better every day. The best of them are selling from \$3 to \$4 per hundred. Chrysanthemums are more plentiful and quality is very fine, but they still are high in price and are cleaning up at \$3 and \$4 per dozen. All varieties of roses, with American Beauties as leaders, are plentiful, and the demand for same is great. Lily of the valley are scarce. Same can be said of longiflorum and Harrisii lilies. The violets are arriving and the quality is fairly good. We have still fine gladioli, asters, dahlias and cosmos. The demand for greens is large and the shortage of smilax helps to clean up all others.

CLUB MEETING.

With an attendance of 76 members, President Jules Bourdet opened the meeting of the club, which was held October 12. The St. Louis Cut Flower Co. was the host. F. C. Weber, Jr., made a very interesting report of the recent meeting of the Florists' Telegraph Delivery, which he attended. F. X. Gorly, chairman of the publicity committee, reported his committee has a subscription of \$216 for each month. The publicity committee will spend this sum for advertising in local newspapers.

The principal speaker of the meeting was R. C. Kerr, of Houston, Tex., the president-elect of the S. A. F. In a short speech he outlined the work of the society and congratulated the club for getting the National Flower Show. He promised to help the St. Louis florists with their show in 1917. Mr. Bourdet was indorsed by unanimous vote for vice-president of the S. A. F. for the eastern district of Missouri.

The spring flower show committee made a very favorable report. Mr. Hummert stated that a \$10,000 guarantee fund was subscribed by local florists. All committees are working hard to make this show a success. "St. Louis to the Front" is their slogan.

NOTES.

Windler Wholesale Flower Co. handles as many high grade dahlias and cosmos as anyone in the market and reports very good trade. Al Gumz, the manager of the sales department, is busy booking orders for Thanksgiving.

Fred Bruenig, W. H. Kruse, Mrs. Pelletier, Charles Juengel and Drehmer Floral Co., in the southern part of the city, report an exceedingly busy week in funeral orders and other lines of work.

At the Webster Grove Garden Club show, which was held during last week, Grimm & Gorly won first prize for baby shoes. Hy Duernburg was the artist.

Nat. Kinsley, of Mullanphy Florists, has been a big buyer of roses recently. Their downtown store is noticeable for a very fine window display.

Business in East St. Louis and other towns is improving and all florists expect to have a very good fall trade.

George Angermueller reports that his shipping trade in florists' supplies has kept up remarkably well.

V. J. Gorly, F. C. Weber, Jr., and F. Meinhardt attended the meet of the F. T. D. in Chicago.

R. Frow, of Normandy, has two splendid houses of Boston ferns and pompons.

Ayre Floral Co. has a splendid window decoration.

Visitor: Julius Dilloff, with Schloss Bros., New York.

X. Y. Z.

Minnesota Florists Elect Officers.

The Minnesota State Florists' Association at a meeting held at Rice Bros.' store, Minneapolis, October 11, elected the following officers for the ensuing year: Leroy Cady, president; Hans Rosacker, vice-president; W. H. Boffering, secretary; A. Lauritzen, treasurer.

The annual election of the Minneapolis Florists' Club, held at Rice Bros. October 4 resulted as follows: J. G. Taylor, president (re-elected); Hugh Will, vice-president; Theodore Nagel, secretary-treasurer; C. F. Rice, Hugh Will and C. N. Ruedlinger, trustees. Theodore Wirth, W. D. Desmond, C. F. Rice, Hugh Will and A. N. Ruedlinger were chosen trustees for the reserve fund.

C. F. R.

FOR ALL SAINTS' DAY

YELLOW—WHITE—PINK.

**Heavy
Supply**

'MUMS

**Good
Quality**

CARNATIONS---Dependable Supply

Fine stock in the leading varieties for so early in the season. You will need Carnations from now on, now that the aster season is over, so bear in mind when ordering that we can supply you with strictly fresh stock, notwithstanding the general reports that there is a scarcity. We have a dependable supply and can furnish you with what you need.

With The Opening of The Fall Season

Mrs. Chas. Russell
Lady Alice Stanley
Mrs. W. R. Hearst

Ophelia
Sunburst
Milady

Mrs. Aaron Ward
Hoosier Beauty
Double White Killarney

Double Pink Killarney
Pink Killarney
Killarney Brilliant

NOVELTY ROSES: Cecile Brunner or Sweetheart—Baby Doll—George Elgar.

We never failed to take care of our customers during the extreme scarcity existing last spring. This year finds us situated better than ever to supply you, as we are receiving the output of several large new growers in this vicinity, together with the usual supply from our large range. Why not send your orders to us where they are always sure to be taken care of?

VALLEY--LILIES

Our Blue Ribbon Brand speaks for itself.
Daily supply of Valley as well as Lilies.

CHRYSANTHEMUMS

Can supply in Yellow, Pink and White varieties.

Why Not Use The Best For Your Trade?

Our offerings consist exclusively of strictly fresh home-grown stock—bound to reach you in good condition. You can increase your profits and business by sending all your orders direct to

**Quality
Speaks
Louder
Than
Prices.**

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

GUT FLOWERS

**Prices
As
Low
As
Others.**

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Kansas City, Mo.

PLENTIFUL SUPPLY MOVES FREELY.

Stock during the past week has been quite plentiful in most lines but at that there has not been enough to supply the demand. In consequence prices are good. Roses are most plentiful and prices range from five to 12 cents. Chrysanthemums are also increasing in numbers and are quoted at from \$1.50 to \$3 per dozen. Carnations are also seen. Dahlias continue in heavy demand. Lily of the valley is exceptionally good. Green goods meet with good sales.

NOTES.

W. J. Barnes had a very busy week with hospital and funeral orders. He is now cutting white and pink chrysanthemums and carnations show improvement. One day last week he asked one of his men to cut a few carnations. This worthy on the way to the houses asked another worker if

he was through with the pipe wrench. Query: What kind of carnations is W. J. raising?

The Geo. M. Kellogg Flower & Plant Co. reports out-of-town trade is exceptionally good. Stock at the greenhouses, however, is none too plentiful. Manager Parker of the retail store, it is reported, will resign January 1, to enter the garage business.

T. J. Noll & Co. are handling a large supply of fine Russell, Sunburst, Ophelia, Milady and American Beauty roses. Chrysanthemums are also moving well in white, yellow and pink.

H. Kusik & Co. are handling a good line of home grown chrysanthemums. The rose supply is also large and of good quality. Lily of the valley seen here is very good.

The Wm. L. Rock Flower Co. reports that sales show a good increase over the corresponding period last year. Trade in hospital and funeral work has been quite brisk.

M. E. Chandler is still cutting a good supply of dahlias, which sell readily, being about the only low priced flowers on the market.

Samuel Murray was a visitor to Chicago the past week, where he attended the Florists' Telegraph Delivery meeting.

A. F. Barbe is having an excellent trade and is cutting heavily on chrysanthemums, carnations and roses.

The Peterson Floral Co. reports good business and showing an increase. The store is well stocked in all lines.

Reinhardt & Son, of Shawnee, are sending in good pink chrysanthemums.

The Longview Farm is sending in very good pink chrysanthemums.

Visitors: Walter Mott, representing Hammond's Paint & Slug Shot Works, Beacon, N. Y.; Julius Dilloff, representing Schloss Bros., New York; H. J. Fuhlbruegge, representing Vaughan's Seed Store, Chicago. E. J. B.

Z E C H M A & N N

Heavy Supply 'Mums for All Saints' Day


WHITE PINK YELLOW

All buyers can safely place their orders with us with the assurance that they will be properly taken care of and with the same fancy grade of stock that we supplied our customers with last year.

CHICAGO HEADQUARTERS FOR RUSSELL AND OPHELIA

Our supply of Russell and Ophelia roses is large and of such good quality that they are recognized as the best in this market. In addition to Russell and Ophelia we have our regular supply of Ward, Sunburst, Richmond, Milady, Killarney and White Killarney.

LILIES, CARNATIONS, VALLEY, GREENS

 Remember when ordering that our line is so complete that it includes every item offered in the Great Chicago Market.

30 E. Randolph St., Chicago

L. D. Phones
Central 3283
Automatic 3284
Automatic, 42-965


The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue L. D. Phone Randolph 631

CHICAGO

Roses, 'Mums, Carnations, Lilies, Daisies, Orchids, Valley, Violets, Snapdragons, Pompons, Greens, Etc.

 **Special Notice**—Southern buyers will find it to their advantage to place their All Saints' Day orders with us as early as possible. We will be particularly strong on Chrysanthemums and Pompons.

Indianapolis, Ind.

STOCK OF ALL KINDS SCARCE.

Reports are coming in from all parts of this locality that an abundant supply of flowers is soon to be had—this is very encouraging because as yet stock is very scarce. The only flowers that are available in quantity are roses, and they are cleaned up daily. Shorts are selling at \$2 to \$8 a hundred—quite a few long stems are to be had at \$8. The quality of carnations has greatly improved and they are in great demand at from \$2 to \$3 a hundred. Lilies just divide up—orchids and lily of the valley have not lost any of their popularity and are bringing good prices. More chrysanthemums are coming in—several of the early varieties. Violets are scarce but snapdragons, buddleias and gladioli are still in. The green goods market is just about normal but smilax remains extremely scarce.

NOTES.

President Wilson honored us with a visit during our centennial celebration. Governor Ralston entertained for him with a banquet at which the color scheme of red, white and blue was carried out in flowers. Mrs. Wilson was presented with a bouquet of these colors. Although most of the floats of the parades were arranged with artificial flowers, a few were decorated in

foliage plants, magnolia wreaths and oak foliage which were very effective.

Hensley Flower Shop had some exceptionally beautiful displays in their windows during the past two weeks.

As usual, Chas. Randall's place is spic and span. He is cutting some very fine carnations.

Frank Melick, formerly a grower of summer stock, is now with the A. Wiegand's Son's Co.

Frank Ball, of the Benson-Oilar Co. visited New Castle and Knightstown last week.

Funeral work has been very heavy this week.

Pittsburgh.

BUSINESS NOT UP TO STANDARD.

Trade has not been as good as usual the past week. All stores report a drop in business. There have been some weddings and funeral work, which helped out. Roses are plentiful but are not moving very good. American Beauties are not selling as well as last week and some are offered as low as \$15 per 100 for specials. Dahlias are almost over, as the frost killed all except the ones that were protected. Carnations are good but not plentiful enough to supply the demand. Chrysanthemums are coming now and some very good Golden Queen, Unaka,

Smith's Advance and Golden Glow are to be had. We look for heavier shipments next week. Yellow daisies and sweet peas are arriving, which seems earlier than any season before. Some good orchids are seen which find ready sale. Greens are plentiful, with the exception of smilax.

NOTES.

B. L. Elliott and J. W. Ludwig motored to Meyersdale to attend the wedding of De Forest Ludwig.

McCallum Company has put a new Vim truck into service to meet the increase in business.

R. Vincent, Jr., of White Marsh, Md., called on the local trade this week.

Visitors: Joe Marks, of A. Henderson & Co., Chicago.

M.

AMES, IA.—The florists of the state are preparing for a big flower show to be held here next month.

LAKE FOREST, ILL.—The superintendent's office and the greenhouse on the estate of A. B. Dick, together with a number of valuable plants, were damaged by fire October 17. Several carloads of seeds in a storehouse on the Albert Meeker estate were partially destroyed the same day.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

The Largest, Best Equipped,
Most Centrally Located

WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO

174-6 N. Wabash Ave., CHICAGO

L. D. Phones
CENTRAL 1977 and 1978.

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

HOERBER BROS.

Wholesale Cut Flowers
Growers of

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave.,

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

OAKVILLE, ONT.—The Douglas Gardens, comprising 12 acres and greenhouse, are offered for sale.

NEWTON, KAN.—Fred Donnelly, doing business under the name of Rosebud Greenhouses, has gone out of business and the greenhouses are being torn down.

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST. Per doz.

Roses, Beauty, specials	\$4 00
" " 36-in.	3 00
" " 30-in.	2 50
" " 24-in.	2 00
" " 20-in.	1 50
" " 18-in.	1 00
" " short.....per 100, \$4 00@ 6 00	

Per 100

" Mrs. Chas. Russell.....	\$4 00@15 00
" Hoosier Beauty.....	4 00@10 00
" Killarney Brilliant.....	3 00@10 00
" Killarney.....	3 00@10 00
" White Killarney.....	3 00@10 00
" Richmond.....	3 00@10 00
" Prince de Bulgarie.....	3 00@10 00
" Rhea Reid.....	3 00@10 00
" My Maryland.....	3 00@10 00
" Mrs. Geo. Sawyer.....	3 00@10 00
" Milady.....	3 00@10 00
" Sunburst.....	3 00@10 00
" Mrs. Aaron Ward.....	3 00@10 00
" Hadley.....	3 00@10 00
" Ophelia.....	3 00@10 00
" Double White Killarney.....	3 00@10 00
" Mrs. Moorfield Storey.....	3 00@10 00
" Champ Weiland.....	3 00@10 00
" Stanley.....	3 00@10 00
" Tipperary.....	3 00@10 00
" Frances Scott Key.....	3 00@10 00
" Bayard Thayer.....	3 00@10 00
" Cecile Brunner.....	2 00@ 3 00
" George Elgar.....	2 00@ 3 00
" Baby Doll.....	2 00@ 3 00
" Fireflame.....	4 00
" Our selection.....	3 00

Carnations.....	1 00@ 3 00
Cattleyas... per doz., 7 50@10 00	
Vandas.....25c per bloom.	
Chrysanthemums..... per doz., 2 00@ 5 00	
Asters.....	2 00@ 4 00
Lilium Harrisii.....	12 50@15 00
Valley.....	3 00@ 6 00
Adiantum Croweanum.....	1 00@ 1 50
Ferns..... per 100, 2 00@2 50	
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy..... per 1000, 5 00@6 00	
Plumous Strings..... each, 60@ 75	
Smilax..... per doz., 2 00@2 50	
Sprengeri, Plumous Sprays.....	3 00@ 4 00
Roxwood, 25clb per case.....	7 50
Wild Smilax..... per case, \$6.00	

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 NO. WABASH AVE., CHICAGO
Telephone Central 466

Mention the American Florist when writing.

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

Mention the American Florist when writing

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

Mention the American Florist when writing

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

Mention the American Florist when writing



Mention the American Florist when writing

New Crop Smilax

Smilax..... at \$2.50 per case
Green Sheet Moss... 1.75 per bag
Perpetuated Moss.... 3.50 per bag

Edward A. Beaven, EVERGREEN, ALA.

Mention the American Florist when writing.

Beauties

THE LEO NIESSEN CO.,

1201-5 Race St., Philadelphia, Pa.

Philadelphia.

WEDDINGS AND TEAS HELP BUSINESS.

There was a fair demand for flowers the past week, weddings and the coming out teas of the "society buds" drawing largely on the supply, particularly of the good stock. Quite heavy frosts on Wednesday and Saturday very nearly settled the dahlias, but there are still a few from growers who had them in a measure protected; the white are bringing good money, as all kinds of small flowers for ground-work are scarce. Roses are the most plentiful flowers in the market. The stock is improving rapidly and most of the varieties can be had with 24 to 30-inch stems and some longer. American Beauties are in tip-top shape, all grades up to the four-foot specials. Chrysanthemums are now beginning to rule the market; they have been a bit slow coming in, but are now seen in quantity. Yellow Queen, a new and fine golden yellow, is here for the first time. It looks good. Chrysolora, Tint of Gold, Early Frost, Pacific Supreme, Halliday and Polly Rose are leaders. There is plenty of lily of the valley. Easter lilies are a little behind the demand. Cattleyas are about equal to requirements. A few oncidiums and cyripidiums are picked up quickly. Some very good sweet peas are seen, orchids and grandifloras, and they sell very well. Adiantum and asparagus are in fair supply, but a brisk demand carries this class of stock away at good prices. Violets are improving and there are gardenias in limited quantities.

NOTES.

If the bituminous coal situation does not soon clear up those who have not stocked up will be greatly inconvenienced. Coal at the mines is now quoted at twice the price of last season, while freight rates are also higher. In addition, there is no promise of early delivery owing to the scarcity both of labor and cars.

J. Otto Thilow was a busy man October 12, when he delivered his lecture on "Flowers from Snow to Snow" at Lancaster in the afternoon, and in the evening told the Florists' Club of Lancaster of the wonders of the Canadian Rockies. Both lectures were illustrated.

The S. S. Pennock-Meehan Co. is proud of their Russell and Francis Scott Key roses. The plant department is very busy, while Manager Swan of the ribbons reports they cannot get stock fast enough to keep up with the orders.

Edward Reid is back from his western trip looking as brown as a berry. He reported great activity in all lines of business. Cattleyas, lily of the valley and Kaiserin roses and good smilax are head-liners of a varied stock.

Killarneys in all grades in fine color are the quantity rose with the Jos. Heacock Co. Kentias in all sizes are being shipped in quantity, they recommending delivery before danger of frost. The stock is very fine.

The Robert Craig Co. has just received their Christmas plant baskets. They are exceptionally well selected, and when filled will brighten the stock of many retail stores. Business in all their lines is very brisk.

Wholesale Flower Markets

BUFFALO, Oct. 18.		Per 100
Beauty Special.....	20	00@25 00
" Fancy.....	15	00@20 00
" Extra.....	10	00@12 00
" First.....	8	00@10 00
" Second.....	2	00@4 00
Roses, Killarney.....	3	00@8 00
" White Killarney.....	3	00@8 00
" My Maryland.....	3	00@7 00
" Sunburst.....	3	00@6 00
" Ward.....	2	00@5 00
" Shawyer.....	3	00@8 00
Lily of the Valley.....		6 00
Lilies.....	12	00@15 00
Cattleyas.....	40	00@50 00
Carnations.....	3	00@4 00
Gladiolus.....	2	00@4 00
Asters.....	1	00@3 00
Asparagus Sprengeri.....	35	50
Ferns.....	per 1000,	2 00
Smilax.....		20 00

CINCINNATI, Oct. 18.		Per 100
American Beauty, per doz.,	75	3 00
Roses, Killarney.....	2	00@8 00
" Mrs. Chas. Russell.....	6	00@10 00
" My Maryland.....	2	00@8 00
" Ophelia.....	4	00@10 00
" Richmond.....	2	00@8 00
" Sunburst.....	2	00@8 00
" Taft.....	2	00@8 00
Carnations.....	2	00@3 00
Lilium Giganteum.....	10	00@12 50
Lily of the Valley.....		6 00
Chrysanthemum, d.z.	75	@2 00
Asparagus Plumosus, per doz.,	25	

BOSTON, Oct. 18.		Per 100
Roses, Beauty.....	20	00@25 00
" Killarney Queen.....	2	00@8 00
" White and Pink Killarney.....	2	00@8 00
" Double White Killarney.....	2	00@8 00
" Killarney Brilliant.....	4	00@10 00
" Hadley.....	4	00@10 00
" Cardinal.....	2	00@8 00
" Mock.....	6	00@12 00
" Mrs. Chas. Russell.....	6	00@12 00
" Sunburst.....	6	00@12 00
" Taft.....	2	00@8 00
" Milady.....	2	00@6 00
" Ward and Hillingdon.....	2	00@8 00
" My Maryland.....	50	@5 00
Cattleyas.....	50	00@75 00
Lily of the Valley.....	4	00@5 00
Sweet Peas.....		50 @1 00
Carnations.....	1	00@2 00
" select.....	2	00@3 00
Chrysanthemums.....	5	00@16 00

With the strike over, the whole machinery of the Whilldin Pottery Co. is running at top speed, turning out thousands of pots a day. Business is very good, the demand more than keeping pace with the supply.

Walter L. Sabers has opened a nice shop at 3606 Germantown avenue; it is in a new building, with the finishing touches now being applied. Mr. Sabers has experience and energy plus, and should do well.

This city is to have several new flower shops. The Poryles Flower Co. will open at the old stand in the basement at Fifteenth and Chestnut streets. This is now being remodeled and improved.

On every floor of the Bayersdorfer building are seen salesmen with sheafs of orders picking out the goods for all parts of the country. Stephen Green has just returned from a successful trip east.

Fred Chesky, of Churchtown, had the misfortune to break his arm while pumping up a tire, forcing of the ring with such force as to cause the fracture. His stock is doing well this season.

The Philadelphia Wholesale Florists' Exchange is handling high grade Chrysolora and Pacific Supreme chrys-

Per dozen, . . . \$1.00 to \$ 3.50

Per 100, . . . 6.00 to 25.00

They give satisfaction wherever we sell them. When you need Beauties and you place your order with us, you will never be disappointed.

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET,
BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 a. m.

BERGER BROS.

Central Market

ROSES, ORCHIDS, VALLEY

Choice Early Chrysanthemums
Always high grade Easter Lilies

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

STUART MILLER, WHOLESALE
FLORIST

Always Seasonable Flowers

Orchids, Valley, Roses, Easter Lilies,
Best Early Chrysanthemums.

Unexcelled Opening for Carnation Consignors for the Coming Season.

ONE BLOCK FROM EXPRESS OFFICE

1617 Ranstead Street, PHILADELPHIA, PA.

anthemums. Fine Shawyer roses are also a feature.

James J. Lodge, late of the Jos. Heacock Co.'s city force, has opened a retail flower shop at Front and Dauphin streets. He feels he has a good location.

Chrysanthemums in quantity are features of the Leo Niessen Co.'s stock. American Beauty roses are a specialty, as are Easter lilies, all of high grade.

A. M. Campbell is getting fine Comoleta and Halliday chrysanthemums from his Strafford Farms.

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., Milwaukee, Wis.

Wholesalers and Growers of
**Choice Cut Flowers
and Greens**

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower ship-
pers in MINNEAPOLIS. Let us sup-
ply your wants. If it is on the mar-
ket we can furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

Mention the American Florist when writing

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
in Kansas City. If on the market, we
have it. Get our prices and we will fill
your orders. Satisfaction guaranteed.

1016-1018 McGee Street

Kansas City, Mo.

Mention the American Florist when writing

Extra Quality Pink and White Killar-
ney, Richmonds, American Beauties,
Fancy Carnations, Yellow Daisies,
Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock
Killarney, Sunburst and others.
CATTLEYS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Philadelphia Wholesale Florists' Exchange

High Grade Roses, Gladioli, Asters, Easter Lilies
and other Seasonable Flowers.

Up-to-the-Minute Service. Satisfaction Guaranteed.

WANTED—A consignor with 25 bunches Asparagus a day.

1615 Ranstead St., Philadelphia, Pa.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in
FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 206

444-446 Milwaukee St., Milwaukee, Wis.

New Fancy Ferns

Special picked. Leave your regular orders with us.

Fancy Lily of the Valley, Orchids, Gladioli, Lilies and all other seasonable flowers.

FLORISTS' SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist.
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Oct. 18. Per 100		
Roses, Beauty, special.....	25 00@30 00	
" fancy.....	16 00@20 00	
" extra.....	12 00@15 00	
" shorter grades.....	6 00@10 00	
" Mrs. Chas. Russell.....	3 30@15 00	
" Killarney.....	2 00@ 6 00	
" White Killarney.....	2 00@ 6 00	
" Liberty.....	2 00@ 6 00	
" Hadley.....	4 00@12 00	
" Sunburst.....	3 00@ 6 00	
" Ophelia.....	3 00@ 8 00	
" Hoosier Beauty.....	4 00@ 6 00	
Carnations.....	1 00@ 2 00	
Cattleyas.....each, \$0 40@	50	
Lilium Longiflorum.....	8 00@10 00	
Asters.....	2 00@ 4 00	
Gladioli.....	2 00@ 4 00	
Larkspur.....	2 00@ 4 00	
Dahlia.....	1 00@ 4 00	
Valley.....	4 00@ 6 00	
Snapdragons.....	1 00@ 3 00	
Chrysanthemums.....	6 00@20 00	
Asparagus.....per bunch, 50		

PITTSBURGH, Oct. 18. Per 100		
Roses, Beauty, special.....	25 00	
" fancy.....	20 00	
" extra.....	15 00	
" No. 1.....	8 00	
" Killarney.....	2 00@ 6 00	
" My Maryland.....	2 00@ 6 00	
" Sunburst.....	2 00@ 6 00	
" Mrs. Aaron Ward.....	2 00@ 5 00	
Cattleyas.....	40 00	
Lilium Giganteum.....	12 00	
Carnations.....	3 00	
Adiantum.....	1 25	
Asparagus Sprenger, per bunch, 35@40		
Lily of the Valley.....	4 00	
Dahlia.....2 00@ 4 00 per 100		
Yellow Daisies.....	1 00	

MILWAUKEE, Oct. 18. Per 100		
Roses, Killarney and W. Killarney	3 00@ 8 00	
" Ward.....	3 00@ 8 00	
" Mrs. Chas. Russell.....	5 00@20 00	
" Ophelia.....	3 00@ 8 00	
" Hoosier Beauty.....	3 00@10 00	
Lilies.....	15 00	
Cattleyas.....per doz., 6 00		
Carnations.....	3 00@ 4 00	
Rubrum.....	3 00@ 4 00	
Valley.....	6 00	
Chrysanthemums.....	1 50@ 4 00	

DAVID WELCH

EDWARD J. WELCH

WELCH'S' WHOLESALE AND COMMISSION FLORISTS

FLORISTS' SUPPLIES

280 and 282 Devonshire St.,
BOSTON, MASS.

Consignments of Beauties, Lilies of the Valley,
Orchids and all other flowers received daily.

Telephone—Court Hill 2964, 2965.

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

St. Louis, Oct. 18. Per 100		
Beauty Short.....	8 00	
Hadley.....	4 00@ 8 00	
Killarney.....	3 00@ 6 00	
Hoosier Beauty.....	4 00@12 00	
Richmond.....	4 00@ 8 00	
Sunburst.....	3 00@12 00	
Ward.....	2 00@ 5 00	
Mrs. Shawyer.....	6 00@15 00	
Mrs. Russell.....	6 00@15 00	
Ophelia.....	4 00@12 00	
Valley.....	4 00@ 5 00	
Lilies.....	12 50	
Beauty Special.....5 00 per doz		
" Fancy.....4 00		
" Extra.....3 00		
" No 1.....2 00		
" No 2.....1 50		
Orchids.....5 00@ 6 00		

Bulbs and Plants at Auction

Every MONDAY and THURSDAY, at 10 a.m.

Note Sales Days—MONDAY and THURSDAY.

Consignments Solicited.

JOHNSON & MILLANG, Inc., Auctioneers

Coogan Bldg., 55-57 West 26th St., NEW YORK
Under Cut Flower Exchange

10,000 Square Feet Devoted to Our Auction Business.

Write for Catalogue.

The H. F. Michell Co., Inc., are having a great run on florists' bulbs. Narcissus Paper Whites and Easter lilies are going out daily in large quantities.

The Glory fern as seen with H. A. Dreer, Inc., is a great seller. It is fine for basket work, particularly in the three and four-inch sizes.

The Philadelphia Cut Flower Co. has added another Ford to its delivery system. High grade chrysanthemums are a feature here.

J. M. Harley, of Media, Pa., added two houses, 12x125 feet, the past summer. He is kept busy with wedding and funeral work.

Berger Brothers are handling quantities of Chrysanthemum Tint of Gold. Fine Maryland roses and Easter lilies are also features.

W. P. Craig attended the session of the National Flower Show Committee at St. Louis.

K.

New York.

BUSINESS IS DISAPPOINTING.

The business of the past week was very light, particularly when we consider that this is the season when it is expected to improve. American Beauties, lilies and lily of the valley held up fairly well because there was no surplus, but in orchids, the tea roses, chrysanthemums, carnations and violets there was a marked slowness. The chrysanthemums are now arriving quite freely, though these are but the forerunners of what is to come, so it is sincerely to be hoped that business will soon improve. There are good carnations on the market, for the season, but they were slow during the past week. As for violets, not much can be expected of them, while cattleyas are selling at from 10 to 20 cents each, wholesale rates, and further, the violets are poor, the doubles being scarcely passable for funeral work, which is mostly where they are being used, if used at all. There are various opinions as to the cause of light business. The autumn has been warm which keeps the people away from the city; and again, the old bugbear of a "presidential year" is being flashed on the screen, but be that as it may, very few people seem to be greatly interested in politics.

October 16.—The market continues dull, with stock moving slowly. The supply of chrysanthemums has greatly increased, one feature being the large stock of Unaka, which is a failure so far as this market is concerned. It opens up with a yellow heart, not as good a yellow as the heart of a daisy, and furthermore, the pink of its petals fade. There are Unakas on the market that are not worth \$3 per 100. A part of the Chrysoloras are good, but some of it is poor. There is fair stock of other varieties on the market.

NOTES.

Myer, of Madison avenue and 58th street, went to Hot Springs, Va., October 17, taking four of his men to arrange an elaborate decoration for the wedding of Miss Prudence Sterry, daughter of the manager of the Hotel Plaza in this city, to Mr. Smith, of Providence, R. I. The wedding takes place October 21 and they began decorating on the 18th, southern smilax and many American Beauties, yellow chrysanthemums and lilies of the val-

ley being used. The bridal bouquet was of orange blossoms and lily of the valley. There were eight bridesmaids' bouquets of Mrs. Aaron Ward roses, and boutonnieres of gardenias for eight ushers. The "Pillars," Hot Springs, is the winter home of the Sterry family. Henry Luhrs, of Myer's staff, superintended the decorations.

Secretary John Young of the S. A. F. has just returned from Chicago and St. Louis, having attended the convention of the Florists' Telegraph Delivery in the former, and the meeting of the National Flower Show Committee in the latter city. He is very enthusiastic over the hospitality and enthusiasm of the florists of both cities. The next National Flower Show, as will be elsewhere noted, will be held in St. Louis in 1918 and Secretary Young states that there is abundant evidence already at hand to forecast it as a great success.

The George W. Crawbuck Co., Inc., which, since early in the season, has conducted a wholesale business at 57 West 28th street, have found that store too small for their growing business. They have therefore leased the store at 47 West 28th street and will remove about November 1. This gives the Crawbuck Co. a very fine store in a desirable location.

Max Schling has returned from Chicago, where he attended the meeting of the Florists' Telegraph Delivery. He speaks highly of the meeting and of the assembled florists; also of Chicago, and his only regret was that business engagements compelled him to make so brief a stay.

Charles H. Brown, the retailer, of 2366 Broadway, has just returned from Chicago, where he attended the meeting of the Florists' Telegraph Delivery, and was much pleased with results and with the reception accorded the delegates by Chicago florists.

President D. J. Pappas of the United Cut Flower Co. has sold his interest in the retail store at 2751 Broadway and will hereafter devote his entire attention to the United Cut Flower Co., Inc., 111 West 28th street, which is a wholesale enterprise.

At the store of C. A. Dards, Madison avenue and 44th street, we have recently noticed a very elaborate window decoration of orchids, chrysanthemums and other flowers, flanked with

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York.

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of
its Best Growers.



Mention the American Florist when writing

—We are—

Wholesale Florists

Have twenty-two years' experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

GUTTMAN & RAYNOR,

INC.
PHONES: FARRAGUT { 558 101 W. 28th St.,
2036
2037 NEW YORK

PHONE—FARRAGUT 8913

JAMES COYLE

WHOLESALE FLORIST
64 West 26th St., NEW YORK

(Opposite Coogan Building)

20 years experience
Consignments Solicited and Prompt RETURNS GUARANTEED.

mums and other flowers, flanked with crotons, ferns and other plants.

At Vaughan's Seed Store they are calling Manager J. B. Deamud "Grandpa" since October 4, when his son, Wilder S., and Mrs. Deamud became the proud parents of a son.

Siebrecht Brothers have opened a retail store at 922 Madison avenue, corner of 73d street.

PAUL MECONI

WHOLESALE FLORIST

55-57 W. 26th Street

Telephone:
8864 Farragut.

NEW YORK CITY

BADGLEY & BISHOP, Inc.

Successors to Badgley, Riedel & Meyer.

Phones { 1664 | Madison 34 W. 28th St., New York
1665 | Square,

Receivers and Distributors of

CHOICEST CUT FLOWERS**Riedel & Meyer, Inc.**

Wholesale Florists

25 YEARS EXPERIENCE

CONSIGNMENTS SOLICITED

49 West 28th Street,

NEW YORK

PHONES—4024 and 4025 MADISON SQUARE

GEO. J. POLYKRANAS

Wholesale Commission Florist

Consignments Solicited

104 West 28th St., NEW YORK

Telephone No. 2264 Farragut.

Walter F. Sheridan

Wholesale Florist

Telephone Call: 5532-5533 Farragut 133 W. 28th St., New York

All the NEW ROSES, CARNATIONS and
Seasonable Flowers.**HORACE E. FROMENT**

WHOLESALE COMMISSION

American Beauty Roses a specialty. Roses,
Violets, Carnations, Valley, Lilies, Etc.

148 West 28th St., NEW YORK CITY

Telephones: Farragut 300 and 301

Mention the American Florist when writing

John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square

Mention the American Florist when writing

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, 5335 Farragut

Mention the American Florist when writing

J. J. COAN, Inc.

Wholesale Commission Florist

115 W. 28th St., New York

Telephones: Farragut 5413 and 5891.
CONSIGNMENTS SOLICITED.**Geo. C. Siebrecht**

WHOLESALE FLORIST

109 West 28th St., NEW YORK

Tel. 608 and 609 Farragut.

CONSIGNMENTS SOLICITED.

Telephone Farragut 9761

Goldstein & Futterman

WHOLESALE FLORISTS

The Right People to Deal With.

102 West 28th St., New York

Wholesale Flower Markets

NEW YORK, Oct. 18.		Per 100
Roses, Beauty, special.....	25	00@30 00
" " extra and fancy.....	15	00@20 00
" " No 1 and No 2.....	6	00@8 00
Prima Donna.....	4	00@15 00
Alice Stanley.....	1	00@8 00
Francis Scott Key.....	1	00@15 00
Mrs Geo. Shawyer.....	1	00@6 00
Double White Killarney.....	1	00@6 00
Killarney, My Maryland.....	4	00@6 00
" Special.....	1	00@2 00
" No 1 and No 2.....	1	00@6 00
" Queen.....	1	00@6 00
" Brilliant.....	1	00@6 00
Aaron Ward.....	1	00@6 00
Richmond.....	50	@6 00
Sunburst.....	1	00@6 00
Taft.....	1	00@6 00
J L Mock.....	1	00@8 00
Ophelia.....	75	@6 00
Mrs. Chas. Russell.....	1	00@8 00
Cleveland.....	1	00@6 00
Hadley.....	1	00@8 00
Hoosier Beauty.....	50	@6 00
Cattleya Orchids, special.....	50	@60
" inferior grades.....	15	@25
Dahlias.....	50	@3 00
Bouvardia.....	2	00@4 00
Rubrams.....	5	00@6 00
Lilies, Longiflorum and Harrisii.....	6	00@8 00
Lily of the Valley.....	4	00@6 00
Carnations.....	1	50@3 00
Chrysanthemums.....	50	@4 00
" Novelties, per doz.....	6	00@8 00
" per doz.....	2	00
Gardenias.....	50	@75
Adiantum Croweanum and		
Hybridum.....	1	00@1 25
Asparagus Plumosus.....	1	00@1 25
Smilax.....	1	00@1 25

United Cut Flower Co., Inc.

WHOLESALE

111 West 28th St., New York

Telephones: Farragut { 4422
4423

Mention the American Florist when writing

HOUSE OF FERNS

Phone, Madison Square 4051.

41 West 28th St., NEW YORK

Asparagus Plumosus Nanus A Specialty.

RETTA E. RANKIN, Manager.

Mention the American Florist when writing

Traendly & SchenckWholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY

Between 26th and 27th Sts.

Telephones: 798 and 799 Farragut.

Orchids, Roses, Carnations and all the other
best products of the leading growers.
Consignments solicited.

Mention the American Florist when writing

WM. KESSLER,

Successor to Kessler Bros.

113 W. 28th St., NEW YORK.

CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTSPhone 2336 Farragut Shipments Everywhere
Prompt and satisfactory. Consignments solicited**N. Y. Cut Flower Exchange**Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales
at 6 o'clock every morning.

Desirable well space to rent for advertising.

V. S. DORVAL, Secretary.**The Kervan Company****FRESH CUT EVERGREENS**and Mosses. Decorating Material for
Florist Trade at Wholesale.

Telephones: Farragut 2164-5893

119 West 28th Street NEW YORK

George B. Hart

WHOLESALE FLORIST

24-30 Stone St., Rochester, N.Y.

M. C. Ford

121 WEST 28th STREET

NEW YORK

Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
A complete assortment of the best in the
market can always be relied upon.

Telephone Farragut 634, 3066

HERMAN WEISS

Wholesale Florist

106 W. 28th St., NEW YORK

GEO. W. CRAWBUCK, Pres.

George W. Crawbuck Co.

(INC.)

Wholesale Commission Florists

57 WEST 28th STREET, NEW YORK

Telephone, Madison Square 5296.

ARNOLD BOXES ARE BEST



Leading Retail Florists Everywhere Say So.

Many Chicago florists use no other kind as they have found from experience that Arnold Boxes suit their purpose best and are the most reasonable in price, taking quality into consideration.

Write for samples and prices or better yet order your supply today

A. A. Arnold Paper Box Co., 1302-1308 W. Division St.,
CHICAGO, - ILLINOIS.

Arthur M. Clarke, a son of Marshall Clarke, of the retail firm of David Clarke's Sons, 2139 Broadway, has just returned from McAllen, Tex., where he went as a sergeant of the Seventh New York infantry which has been stationed there for several months. He is not much in love with the kind of soldiering experienced on the border, and comes back to civil life as the buyer for the store.

Calling, October 14, on the Astoria Florist (M. L. Vlachos), 2188 Broadway, we found his force busy with a fine wedding decoration. In Walter Lee he has a very clever designer and decorator. A brother is also assisting him in the store. Mrs. Vlachos has been quite ill, but is now improving.

E. J. Hession, the retailer of 984 Madison avenue, has returned from his vacation in fine health and spirits. His store, which is one of the finest in the city, is now particularly attractive.

E. C. Horan, 55 West 28th street, is having fine new signs put up on his store. It is a pleasure to state that he has quite recovered his health, which for a time was delicate.

Peter F. McKenney, 1 East 42nd street, had a wedding decoration at Whitman, Mass., October 14, and has also been busy with funeral work.

George C. Siebrecht, the wholesaler of 109 West 28th street, has recently added a fine line of fancy baskets to his stock and they are selling well.

James Marketos has sold his store (The Colonial Flower Shop) 2251 Broadway, to Macres Bros. A. F. F.

Rochester, N. Y.

FAVORABLE WEATHER HELPS SALES.

Trade has been good during the past week following crisp weather. Fall bulbs have arrived and are moving well. The carnation crop has greatly improved and the blooms are much larger with longer stems. The white varieties are the best followed by Enchantress. Chrysanthemums are arriving in larger numbers, are excellent in quality and meet with ready sale. The demand for roses is strong but the supply is limited on choice varieties. American Beauty is good and the

PREPARED CYCAS LEAVES

BEST QUALITY.

PERFECT COLOR.

VERY PLIABLE.

100 Assorted Sizes up to 36 inches long, \$4.80.

GET OUR LATEST LIST OF OTHER SUPPLIES.

GEO. H. ANGERMUELLER
Wholesale Florist

1324 PINE STREET
ST. LOUIS, MO.

price is low. There is a strong call for Harrisii lilies and orchids and lily of the valley sell well for corsages and bridal work. Pot plants move readily.

CLUB MEETING.

The monthly meetings of the florist association was held October 10 in the Chamber of Commerce building, the feature of the evening being an interesting lecture illustrated with stereopticon slides by John Dunbar, assistant superintendent of city parks. He spoke of important trees and plants in all parts of the world, among the subjects covered being the mangosteen, akee, soursop, Negro peach and mango; also a number of plants that are sources of important drugs and the iron nut from which are manufactured buttons for men's clothing, the various operations being shown.

NOTES.

Edwin C. Kaelber had an artistic window display recently in which he featured a large vase of splendid white chrysanthemums, green plush being used in contrast. Individual vases held long-stemmed single violets on gilt mats. The combination was charming.

Donald Brooks, who was run down by an ambulance while alighting from a street car October 5, has returned to work after being compelled to rest up for several days.

T. Colin Ogston, in charge of the Thompson conservatories, has produced some excellent cattleya orchids. His collection is wonderful.

The ladies' auxiliary of the florists' association enjoyed a bowling party October 12 followed by a luncheon.

The Rochester Floral Co. is showing

New Crop Smilax

Smilax.....at \$2.50 per case
Green Sheet Moss..... 1.75 per bag
Perpetuated Moss..... 3.50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens
EVERGREEN, ALABAMA

fine chrysanthemums of the early varieties.

Salter Bros. are featuring pretty trellis baskets in the East Main street store.
CHESTER.

Fort Wayne, Ind.

Trade has been very good during the past two weeks, weddings being numerous, funeral work much in demand, and excellent shipping business. Chrysanthemums are now the feature of the market. Pompons are making their appearance. Pot plants are also selling well.

NOTES.

Mrs. Alice Flick Shive and Miss Marguerite Flick arranged an elaborate decoration at Huntington, Ind., last week, the occasion being a large wedding.

A. J. Lanternier & Co. are rebuilding several houses at their range.
H. K.

CORFU, N. Y.—Wendelin Preisach is making improvements at his range, which will include rebuilding one house, 38x100 feet.

ALBANY, N. Y.—Up-to-date houses have replaced the old ones at the range of Hugh Morgan and other extensive improvements have been made.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY



Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

106 STATE STREET.

Toronto, Can.

Canada's best known and most reliable florist

Only the Best Dunlop's

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee safe arrival.

Milwaukee, Wis.



J. M. Fox & Son, Inc.

437-39-41 Milwaukee St.

Members Florists' Telegraph Delivery Association.

THOS. F. GALVIN INC.

NEW YORK 561 Fifth Ave.

BOSTON 1 Park Street
799 Boylston Street

Deliveries to steamers and all Eastern Points.

St. Louis, Mo.

Wm. A. Seeger
Nat. M. Kingsley
Martin J. Seeger



INCORPORATED
Eighth and Locust Sts.
3514-16-20 N. Grand Av.

Telegraph orders filled on short notice in St. Louis and rest of Missouri.

Max Schling

NEW YORK.

No. 22 West 59th Street

Adjoining Plaza Hotel

Member of the Florists' Telegraph Delivery.

Original Decorations a Specialty.

Branch:

THE VANDERBILT HOTEL

Main Phone, Murray Hill, 783
Branch " " 1808

Park Ave. and
34th St.



Member F. T. D.

426 Madison Ave.

And 49th St., NEW YORK

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members of Florists' Telegraph Delivery.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street,

To out-of-town florists:
We are in the Heart of NEW YORK
And give special attention to steamer and theater
orders. Prompt delivery and best
stock in the market.

Members of Florists' Telegraph Delivery.

Bangor, Me.

Adam Sekenger

FLORIST

No. 32 NEWBURY STREET

We cover all points in Maine.

Denver, Colo.

The Park

Floral Co.

J. A. VALENTINE,
President.

Members of Florists' Telegraph Delivery.

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNY STREET

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for
delivery in the Twin Cities or the
Northwest.

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded
to any part of the United States,
Canada and all principal cities in
Europe. Orders transferred or en-
trusted by the trade to our selection
for delivery on steamships or else-
where receive special attention.

Reference or Cash must accompany all orders
from unknown correspondents.

Cable address; Alexconnell,
Western Union Code.

Chicago.

Des Moines.

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in
the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store. Greenhouses.

Member of Florists' Telegraph Delivery.

Syracuse, N. Y.

MILES S. HENCLE

FLORIST

536 SOUTH SALINA STREET

General designs—All flowers in season



LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Members of Florists' Telegraph Delivery.

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

SEATTLE, WASH. HOLLYWOOD GARDENS

Seattle's Leading Flower Shop
1536 SECOND AVE.

Members of Florists' Telegraph Delivery.

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

Philadelphia, Pa.

The London Flower Shop, Ltd.

1800 Chestnut Street

Members of Florists' Telegraph Delivery.

Pittsburgh, Pa.

A.W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member of Florists' Telegraph Delivery.

Name Index to Retail Florists Filling Telegraph Orders.

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Briggs Floral Co., Chicago.
Brooklyn Cut Flower Market, Brooklyn, N. Y.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Callahan, M. J., Philadelphia, Pa.
Central Floral Co., Chicago, Ill.
Central Floral Co., Detroit, Mich.
Clarke's Sons, David, New York.
Comley, Henry R., 6 Park St., Boston, Mass.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Dard's, 44th and Madison Ave., New York
Dominion Floral Co., The, Montreal, Quebec.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyles, 106 State St., Albany, N. Y.
Evenden Bros., Williamsport, Pa.
Fox, J. M. & Son, Inc., Milwaukee, Wis.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Grimm & Gorly, St. Louis, Mo.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Hatcher, John C., Schenectady, N. Y.
Heinl & Sons, J. G., Terre Haute, Ind.
Hencie, Miles S., Syracuse, N. Y.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Higgins, N. F., Springfield, Mass.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Howard & Smith, Los Angeles, Calif.
Huscroft's Flower Shop, Steubenville, O.
Johnston & Co., T. J., Providence, R. I.
Joseph's, 233-235 Grant Ave., San Francisco.
Joy Floral Co., Nashville, Tenn.
Keller Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia, Pa.
Mangel, Chicago.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
McMurray, D. M., Pueblo, Colo.
Metairie Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Newell, Paul M., Little Rock, Ark.
Palmer, W. J. & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Pearson, E. W., Newburyport, Mass.
Penn, The Florist, Boston, Mass.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Potter Floral Co., El Paso, Tex.
Pyfer & Olsem, Wilmette, Ill.
Randall's Flower Shop, Worcester, Mass.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London and Norwich, Conn.
Reuter's, Westerly, R. I.
Robbins, F. A., Augusta, Me.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Schmidt, Charles, St. Louis, Mo.
Sekenger, Adam, Bangor, Me.
Seki Bros. & Co., Los Angeles, Calif.
Smith & Fetters, Cleveland, O.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Van Meter Flower Shop, Springfield, O.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Whitted Floral Co., Minneapolis, Minn.
Wilson, J. S., Floral Co., Des Moines, Iowa.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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In the Heart of the most exclusive residential section.

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We cover all points in Iowa.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr.

Wire, Write or Phone West 822

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BROOKLYN'S LARGEST FLORIST
SEVEN STORES

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Telegraph orders delivered to all parts of New York City, Brooklyn and Long Island.

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Mrs. J. B. Freeman

(Successor to Geo. A. Heint)

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Both Phones, 527.

Special attention to Mail and Telegraph Orders

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FLORISTS**

25 Clinton Avenue, N.

Rochester Phone, 506 Long Dist. Bell Phone 2189
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Bramley & Son

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The Largest Growers of Flowers in City

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J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota. Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

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Houston, Texas.

**Robt C. Kerr
Floral Co.**

Main and McKinney Phone, Preston 160

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyes, 106 State St.
Amsterdam, N. Y.—John C. Hatcher.
Augusta, Me.—Robbins, F. A., 122 Winthrop St.
Bangor, Me.—Sekenger, Adam, 32 Newbury St.
Boston, Mass.—Comley, Henry R.
Boston, Mass.—Thos. F. Galvin, Inc.
Boston, Mass.—Penn. The Florist.
Brooklyn, N. Y.—Brooklyn Cut Flower Market.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Briggs Floral Co.
Chicago—Central Floral Co., 132 N. State St.
Chicago—Friedman, 522 S. Michigan Blvd.
Chicago—Alpha Floral Co.
Chicago—C. Frankenfelder, 3343 W. Madison St.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel, 17 E. Monroe St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fellers.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews, the Florist.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Des Moines, Ia.—J. S. Wilson Floral Co.
Detroit, Mich.—Central Floral Co., 35 Broadway.
Detroit, Mich.—John Breitmeier's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
El Paso, Texas—Potter Floral Co.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Henry Smith.
Guthrie Okla.—Furrow & Co.
Harrisburg, Pa.—Schmidt, Charles L.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Paley.
Los Angeles, Calif.—Howard & Smith.
Los Angeles, Calif.—Seki Bros. & Co.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Milwaukee, Wis.—J. M. Fox & Son, Inc.
Montreal, Quebec—The Dominion Floral Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas A. Duerr.
Newburyport, Mass.—E. W. Pearson.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Henry Hart, Inc.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W 59th St.
New York—G. E. M. Stump.
New York—Young & Nugent.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia, Pa.—M. J. Callahan.
Philadelphia—The London Flower Shop, Ltd.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Providence, R. I.—T. J. Johnston & Co.
Pueblo, Colo.—McMurray, D. M.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Schenectady, N. Y.—John C. Hatcher.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Grimm & Gorly.
St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Joseph's, 233-35 Grant Ave.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Springfield, O.—Van Meter Flower Shop.
Springfield, Mass.—N. F. Higgins.
Steubenville, O.—Huscroft's Flower Shop.
Syracuse, N. Y.—Miles S. Hencle.
Terre Haute, Ind.—J. G. Heint & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Wilmette, Ill.—Pyfer & Olsem.
Williamsport, Pa.—Evenden Bros. Co.
Worcester, Mass.—Randall's Flower Shop.

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Special attention paid to telegraph orders in Chicago and vicinity. One of our stores is located in the heart of the city and the other in the select north side residential district.

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SEKI-BROS. & CO.

Wholesale and Retail Florists

We grow All kinds of Decoration
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WILMETTE, ILLINOIS

Careful attention to all mail or telegraph orders for delivery in Wilmette—Chicago's North Shore Suburb—Evanston, Kenilworth, Winnetka, Glencoe, Lake Forest.

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Established 1849

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Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

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Podesta & Baldocchi

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Mail or telegraphic orders promptly and most carefully executed.

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Established over 20 Years.

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Lang Floral & Nursery Co., Dallas, Texas

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Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

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Archias Floral Co.

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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BROOKLYN
Cut Flower Market, Inc.
Floral Designs a Specialty
356 FULTON STREET
BRANCH: 408 Fulton St
BROOKLYN, N. Y.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members of Florists' Telegraph Delivery.

PHILIPS BROS., 938 Broad St.
NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

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Morris Goldenson**

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Little Rock, Ark.

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All orders carefully filled and delivered to all parts
of the city, Arkansas and the Southwest.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully
cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS

Members of Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

St. Louis, Mo.

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Boyle and Maryland Avenues
Flowers delivered in city and state on short notice
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E. W. PEARSON

47 State St., NEWBURYPORT, MASS.,

Covers all New England points.

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Orders Carefully Executed

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Wholesale and Retail

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Huscroft's Flower Shop

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All Orders Promptly Executed

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The Smith & Feters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Friedman

...FLOWERS...

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St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery
in this section from the

LEADING FLORISTS OF THE NORTHWEST

CHARLES L. SCHMIDT

313 Market St., Harrisburg, Pa.

Night and day service in all Central Pennsylvania.

Providence, R. I.

SATISFACTORY TRADE AT GOOD PRICES.

Business during the past week has been good with prices entirely satisfactory. Asters are still finding their way into the market and command good figures. Roses are not as plentiful as they have been and the demand for them is very good. The last of the gladioli and other outdoor flowers were seen last week, the heavy frosts having killed them. Funeral work holds up well and there are plenty of wedding orders.

The Cassidy Co. has opened its new store in the Strand Theater building and the establishment presents a very attractive appearance. The handsome display window is also a feature that adds to the general good impression the whole presents.

H. A. T.

ATLANTIC HIGHLANDS, N. J.—W. B. Parsons is building a range at Locust Point to cost \$6,000.

BOWLING GREEN, KY.—Miss Anna Masters is carrying a full line of cut flowers and plants at the Princess Sweet Shop, shipments being made daily by the Joy Floral Co., Nashville, Tenn.

**KANSAS CITY,
MISSOURI.**

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FLOWERS

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The
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Florist
17 E. MONROE ST.

C. H. FREY, Wholesale
and Retail
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1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

Send Telegraph, Telephone or Mail Orders
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484 St. Catherine's St., West

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Every order receives prompt and careful attention

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NEAR GARFIELD PARK

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For Wisconsin Delivery

OF

"Home Grown Flowers"

Get in touch with

J. E. MATTHEWSON, SHEBOYGAN,
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Member of Florists' Telegraph Delivery.



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D. C.**

Gudes'

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Mention the American Florist when writing

**SAN FRANCISCO
JOSEPH'S**

233-235 GRANT AVENUE

Members of Florist's Telegraph Delivery and National Florists for this District. A specialty made of "Welcoming" and "Bon Voyage" packages.

Mention the American Florist when writing

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D. M. McMurray
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105 East Abriendo Ave.

Mention the American Florist when writing

Send Telegraph, Telephone or Mail orders for florist service in this vicinity to

Howard & Smith

853 So. Olive St., Los Angeles, Calif.

Every Order sure to receive prompt and careful attention.

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WORCESTER, MASS.

Randall's Flower Shop,

13 Pleasant Street.

Member of Florists' Telegraph Delivery.

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FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

VAN METER FLOWER SHOP
SPRING and HIGH, Springfield, O.

BEST FLOWERS for EVERY OCCASION.

Mention the American Florist when writing

Williamsport, Pa.
EVENDEN BROS. CO.

Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

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Boston, Mass.

HENRY R. COMLEY, Florist, 6 Park St.

50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

Mention the American Florist when writing

John C. Hatcher

Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Hoffmans, N. Y.

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1338 O Street, LINCOLN, NEB.
WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

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El Paso, Texas.

Potter Floral Co.

Member of Florists' Telegraph Delivery.

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Boston, Mass.

Penn The Florist

"Penn, The Telegraph Florist"

Member of Florists' Telegraph Delivery Ass'n.

124 TREMONT STREET

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

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132 North State Street, CHICAGO, ILL.

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Special attention given to telegraph and mail orders for delivery in either city and adjoining territory. Both of our stores are located in the heart of each city, which means quick and efficient service to theatres, hotels, depots, etc. Our Chicago store is located opposite Marshall Field & Co.'s retail establishment and one block from the Great Central Cut Flower Market.

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We are the center of the great Northwest. Daily deliveries to Superior, Wis.

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THINK OF HEINL'S

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We deliver in Maine and all New England points.

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HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

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Floral Experts

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440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.
Members of Florists' Telegraph Delivery.

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16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

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PROVIDENCE, R.I.

and all T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE
—American Ass'n of Park Superintendents. 1870

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President; F. W. Bolgiano, Washington, D. C., First Vice-President; L. L. Olds, Madison, Wis., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fifth annual convention, June, 1917.

VISITED CHICAGO: Watson S. Woodruff and wife, Orange, Conn., enroute to the coast.

AMERICAN grown Queen of the Market aster is one of the unusually short items this season.

F. M. SMITH, western agent of the Huntley Mfg. Co., Silver Creek, N. Y., died at Chicago, October 5.

HARRISBURG, PA.—The Holmes Seed Co. reports good business. Bulbs, although late in arriving, are now seen in quantity.—W. S. Schell reports the best season in a number of years.

THE entire board of directors attended the meeting of the Wholesale Seedsmen's League at the Hardware Club, New York, October 17. After an extended discussion it was believed that prices will be higher.

CALIFORNIA rains reported in last issue were followed by additional storms which have done considerable injury to flower seeds still unharvested, especially the late varieties of asters. Beans have also suffered materially.

DETROIT, MICH.—President Kirby B. White, of the American Seed Trade Association, attended the meeting of the Wholesale Seedsmen's League at New York October 17.—Lem W. Bowen, manager of D. M. Ferry & Co., motored to New York last week.

A LEADING Dutch grower writes from Sassenheim September 15: "Many bulb prices were so low the past three years the growers could not make a living and have substituted vegetables. Except some inferior stock no bulbs will be sent to the states for auction."

TOULON, FRANCE.—This town, formerly known as headquarters for bulb growing, is now in the ammunition-making business, and that has become its chief industry. Because of this car service is short, for bulb business, and this in addition to labor shortage accounts for the delay this year.

WETHERSFIELD, CONN.—The partnership which was formed in 1894 by Chas. C. Hart and J. Frank Welles as Hart, Welles & Co., has been dissolved by mutual consent. Chas. C. Hart, who has taken his three sons, William G., Frank S. and Everett H., into partnership, will continue the business, trading as Charles C. Hart Seed Co.

Burpee's Sweet Peas.

The varieties given prominence in Burpee's list of sweet peas for 1917 are Fiery Cross (scarlet), Margaret Atlee (cream-pink), King White (white), Cherub (cream), The President (scarlet), Hilary Christie (salmon-orange edged with fiery orange-scarlet), Wedgwood (blue) and Phantom Blue (opalescent blue, marvelously blended with a tinge of delicate purple).

FT. WAYNE, IND.—Chas. S. Bash, of S. Bash & Co., seedsmen here, died September 24.

WATKINS & SIMPSON, London, Eng., have issued an extensive list of novelties, among which we find antirrhinums, Chinese barberries, carnations, Cineraria Matchless, eremuri, escholtzias, Godetia Schamini "Rosy Morn," heucheras, Pansy Apricot Queen, sweet peas, primulas, Delphinium Blue Butterfly and early flowering cosmos, the colors running through crimson, deep rose, pale rose and blush to white.

Holly and Green.

The holly situation in Tennessee is said to be below the average. Breakers are urging contracts based on shipments from Mississippi or Arkansas. Aside from the question of quality this would mean a 50 per cent freight increase. Frosts have not yet hardened the foliage for shipping.

Bouquet green in the northwestern districts will cost 50 cents per 100 pounds more because of advance in wages. Freezing weather has, during the past week, put the ground pine in better shape for pulling. While active work has only begun the output can be told more definitely by November 5-10.

Record Crop of Canary Island Onion Seed.

Teneriffe, August 31.—The single outstanding export of the Canary Islands to the United States, onion seed, closed down its shipping season for the year 1916 on August 28, showing a record exportation for cebollino reaching to \$84,314, as compared with only \$41,801 for 1915 and \$45,841 in 1914. While a slight increase in the value of the crop was indicated in the July forecast, the gain of over 100 per cent was a surprise even to dealers here, who found it impossible to supply the entire demand from the United States for the ordinary, canary-yellow onion seed. On the other hand, the usually scarcer and more expensive wax seed gave an extra heavy crop.

The showing made by American purchases of onion seed has had a most stimulating effect on the industry in these islands, and heavy planting may be expected for the 1917 crop, judging from the plans now talked of by the more important growers here. With even average growing conditions this circumstance may succeed in reducing prices for next year below the high level obtained for the 1916 output.

The value of the onions shipped to Porto Rico was \$1,189 less than in the preceding year, being \$12,245, as against \$13,435 for 1915 and only \$7,963 in 1914.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Western Canners' Association.

The Western Canners' Association held its semi-annual meeting at the Hotel Sherman, Chicago, Tuesday, October 17, President F. F. Wiley in the chair. Over 100 members were present and the burden of the meeting, called to order at 11:20 a. m., was the cost of the 1917 pack and practically all the members present took part in the discussion of each item, lasting all afternoon, including President Dickinson, of the National Canners' Association, Walter Sears, president of the Sears-Nichols Canning Co., Chillicothe, O., and W. W. Moore, president of the Illinois Canning Co. The discussion disclosed the fact that the cost of the 1917 pack would be 21½ cents per dozen cans or 43 cents per case greater than that of 1916. The meeting, which closed at 6 p. m., was adjourned subject to the call of the executive committee.

Seedsmen in attendance included: S. F. Leonard, Edward Leonard, John Leonard and Albert H. Smith, of the Leonard Seed Co., Chicago; Arnold Ringier, of the W. W. Barnard Co., Chicago; Leonard H. Vaughan, of Vaughan's Seed Store, Chicago; W. B. Lucas, of the John H. Allan Seed Co., Sheboygan, Wis.; Theo. Cobb, of D. M. Ferry & Co., Detroit, Mich.; Watson S. Woodruff, Orange, Conn.; W. C. Langbridge and Chas. P. Guelph of the Jerome B. Rice Seed Co., Cambridge, N. Y.; S. E. Mathers, of the Everett B. Clark Seed Co., Green Bay, Wis., and W. C. Pressing, Norwalk, O.

Alaskas sold at \$3 to \$6 and many of those who failed to contract last year are anxious about their supply of seed. Some sales of sweet corn are reported as high as \$8 and talk is in the line of higher prices for all canning varieties.

American Onion Seed for Bermuda.

Orders from Bermuda for several hundred pounds of California onion seed as the result of sending last season two pounds of sample seed to Consul Carl R. Loop, of Hamilton, are reported by the Los Angeles growers. The same firm supplied, free of charge, onion seed for the use of the Bermuda experiment station.

National Canners' Association.

Various committees of the National Canners' Association are in session this week at the LaSalle Hotel, Chicago, adjusting prices and arranging the programme for the annual convention to be held at Cleveland, O., next February with the Hotel Statler as headquarters.

Trade Directory

PRICE: \$3.00, postpaid.

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Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Lilium Harrisii BULBS

	Per 100	Per 1000
5 in. to 7 in.....	\$ 5.00	\$40.00
7 in. to 9 in.....	9.00	80.00
9 in. to 11 in.....	22.00	.....

Freesia Refracta Alba

	Per 100	Per 1000
Mammoth size.....	\$1.75	\$12.00

For Immediate Delivery.

PAPER WHITE NARCISSUS GRANDIFLORUS

Prices on application.

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SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
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Squash.

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LILY BULBS FALL DELIVERY

Write for Prices

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Philadelphia

Wholesale Price List for Florists
and Market Gardeners.

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Sweet Pea and Nasturtium Specialists.

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Pepper	Tomato	Egg Plant	Spinach
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GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Asters,
Cosmos, Mignonette, Verbena in variety.
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Giant Silver Pink. Sold only in originator's packets. Tr. pkt., \$1.00; 3 pkts. for \$2.75.

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Boddington's Majesty. The finest of all Mignonette. Tr. pkt., 60c; ½ oz., \$1.00; oz., \$7.50.

Allen's Defiance. Tr. pkt., 50c; oz., \$6.00.

New York Market. Tr. pkt., 50c; oz., \$6.50.

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True Irish. Tr. pkt., 25c; oz., \$1.00; ¼ lb., \$3.00; lb., \$10.00.

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Grandiflorus Boddingtonii. Flowers are large and varied. An elegant pot plant. Tr. pkt., 75c; 3 Tr. pkts. for \$2.00.

Wisetonensis. Compact strain. Excellent for pots. Tr. pkt., 50c; 3 tr. pkts. for \$1.25.

STOCKS—DOUBLE WINTER

Beauty of Nice. Daybreak pink. Tr. pkt., 25c; ¼ oz., \$1.00; oz., \$3.50.

Crimson King. Fiery crimson. Tr. pkt., 25c; ¼ oz., \$2.00.

Empress Augusta Victoria. Silvery lilac. Tr. pkt., 25c; 5 tr. pkts., \$1.00.

Lenox Purple. Light lavender. Tr. pkt., 25c; ¼ oz., \$1.00; oz., \$3.50.

Princess Alice. Pure white. Tr. pkt., 25c; ¼ oz., \$1.00; oz., \$3.50.

Queen Alexandra. Rosy lilac. Tr. pkt., 25c; ¼ oz., \$1.00.

Full list of Winter Spencer Sweet Peas and other Seasonable Flower Seeds will be found in our new Bulb Catalogue—free on request.

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INC.

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All the best commercial varieties, including

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Amabilis,	Lord Wolseley,	Etc., Etc.

Write for import prices. Fall shipment.

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AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write for prices.

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Petunias Petunias

Seeds of our celebrated strains
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Seedsman can safely recommend our
Giants of California, Fluffy Ruffles, Giant
White, Marvelous double, and Peony-
Flowered double.

Gold Medal Panama—Pacific Exposition.
Silver Medal Panama—Calif. Exposition.

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VENTURA, CALIF.

THE C. HERBERT COY SEED CO.
VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

97th Year

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Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds Baltimore, Md.

American Bulb Co.

A. Miller, President.

WHOLESALE DEALERS IN

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178 N. Wabash Ave., Chicago, Ill.

THE

J. C. ROBINSON SEED CO.
WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Contract Seed Growers

Specialties: Pepper, Egg plant, Tomato,
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Correspondence Solicited.

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PEDRICKTOWN, N. J.

My New PRICE LIST of

**Winter Orchid-Flowering
Sweet Pea Seed**

Has been mailed. If you have not received a
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Part of new crop is ready now.

Ant. C. Zvolanek, Lompoc, Calif.

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Seed Store
231-235 W. Madison St.
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Send Us Your Order Now.

Imported Bulbs

**Narcissi, Hyacinths and Tulips
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The Home of "Pure and Sure Seeds"

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For present delivery or on contract. Wholesale only.

Special quotations for next season and
from 1917 harvest now ready.

Langport, - England.

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TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed
and Field Corn, in variety, on contract.

EDGAR F. HURFF,
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Grass Mixtures

— FOR —

Golf-Tennis-Polo
MEET ALL REQUIREMENTS FOR ALL SOILS
The Albert Dickinson Co.,
CHICAGO, ILL.

The L. D. Waller Seed Co.
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Wholesale Growers of
**FLOWER SEEDS, SWEET
PEAS AND NASTURTIUMS**
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Henry Fish Seed Co.
Bean Growers for the
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Now contracting for Beans and Peas
for 1917, 1916 stocks being exhausted.

AUSTRALIAN BROWN ONION
1915-1916 crop seed still available

Correspondence Invited

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Lily of the Valley

are the finest in existence and their flowers
bring the best prices on the London mar-
ket. For quotations please apply to

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Beans, Peas, Sweet Corn, Onion, Turnip,
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Branches: Michigan, WISCONSIN and Idaho. **MILFORD, CONN.**

Three Quick Sellers

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PAPER WHITE
GRANDIFLORA

A few cases only:
Write for prices
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**Special Prices on a few leaders
in Dutch Bulbs Now in Stock.**

"JOSS" LILIES.

(CHINESE
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At Chicago
PER MAT (120
BULBS) - - \$5.00
(At N. Y. City, \$6.00.)
Write for prices on larger lots.

HYACINTHS

Named Hyacinths, 1st size, our selection.....	Per 1000 \$42.00	Miniature, our selection.....	Per 1000 \$12.50
Named Hyacinths, 2nd size, our selection.....	30.00	Mooy's Christmas Pink Hyacinth	38.00

TULIPS—Early Single Named

La Reine	Per 1000 \$7.00	Rose Gris de Lin	Per 1000 \$7.50	Duchess de Parma	Per 1000 \$9.50
Artus.....	6.50	Kelzerkroon	12.00	Couronne d'Or (double)	14.50
Belle Alliance	10.00	Yellow Prince	8.65	Murillo (double)	10.00
L'Immaculee.....	8.50	Proserpine	18.00	Fine Mixed Single	6.00
		Couleur Cardinal	14.50		

TULIPS—Darwin and Cottage

Pride of Haarlem	Per 1000 \$11.50	Baron de La Tonnaye.....	Per 1000 \$10.00	Europe.....	Per 1000 \$15.00
Gesneriana Spathulata	9.50	Flambeau	11.50	Sultan	10.00
Clara Butt	10.00	Rev. H. Ewbank	14.00	Margaret	9.00
Mad. Krelage	13.00	Nauticus	11.00	Macropsila	9.00
Glare of the Garden	25.00	Inglescomb Pink	12.00	Maiden's Blush	10.00
Bouton d'Or	9.50	Inglescomb Scarlet	16.00	Parisian White	12.00
Elegans (Red)	13.00	Isabella	9.00	Parisian Yellow	13.50
Emerald Gem	24.00	Leghorn Bonnet	13.50	The Fawn	18.00

Lilium Formosum

6 to 8-inch, regular strain.....	Per 1000 \$35.00
6 to 8-inch (350 to case).....	40.00
7 to 9-inch (250 to case).....	58.00
10 to 12-inch (100 to case), per case, \$12.00.....	100.00

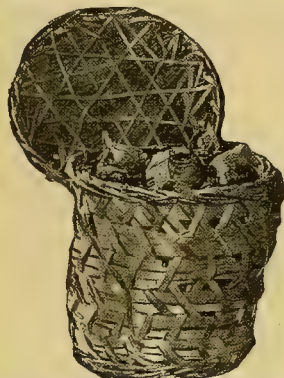
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Giganteum and Multiflorum are ready.

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Seedsman, Nurserymen, Florists

SEEDS All the leading
PLANTS kinds for summer
BULBS and fall planting.

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R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
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Growing Crops Given Personal Attention.

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Specialties—Giant Half-Sugar Mangel-Wurzel, Beet, Carrot, Celery, Dandelion,
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IMPORTERS OF—Red-top, Meadow Fescue, Blue
Grass, Sunflower, Timothy and Garden Peas. **ENGLISH
CORRESPONDENCE.**

Our traveling salesman, MR. LAWRENCE S. PAYN, who has been calling on the American
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Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
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BEANS, write

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H. W. Selby, Philadelphia, Pa., President;
H. F. Thompson, Arlington, Mass., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; Eugene Davis, Grand Rapids,
Mich., Treasurer.

Next annual convention will be held at
Springfield, Mass., in 1917.

BULLETIN No. 422, entitled "The Egg-plant Tortoise Beetle," issued by the United States department of agriculture, treats of observations of the insect concerning its life history, distribution, enemies and methods of control.

UNDER title of "Systems of Renting Truck Farms in Southwestern New Jersey" the United States department of agriculture in Bulletin No. 745 makes a comparative analysis of the methods of renting in vogue in that area.

Prices of Indoor Fruits and Vegetables.

Chicago, Oct. 17.—Mushrooms, home grown, 15 to 25 cents per pound; lettuce, small cases, 10 cents; radishes, \$1.00 per 100 bunches; celery, 40 to 50 cents per box; tomatoes, six baskets, 50 cents to 75 cents; cucumbers, per 2 dozen box, \$1.50 to \$1.75.

New York, Oct. 17.—Celery, per crate, \$1.00 to \$3.00; cucumbers, 75 cents to \$1.75 per basket; mushrooms, 75 cents to \$2.00 per 4-pound basket; tomatoes, per package, 25 cents to \$1.50; radishes, per 100 bunches, 50 cents to \$1.00; lettuce, per package, 25 cents to \$1.50.

Potato Shippers Guilty.

Five members of the Aroostook (Me.) Potato Shippers' Association, who were brought to trial at Boston, Mass., October 3, following a charge of conspiracy to restrain trade, as announced in our issue of October 14, page 690, were found guilty under the Sherman act, October 11. Those implicated are Carl C. King, president of the association; John M. Hovey, secretary; Clarence H. Powers, member of so-called listing committee; E. H. Doyle, New York agent, and H. W. Sylvester, Boston agent. It was alleged they blacklisted dealers and boycotted persons who traded with the blacklisted ones.

Onion Rot.

According to the annual report of the Connecticut agricultural experiment station for 1915, onions rotted badly after storage that year, growers in some instances losing from one-half to three-quarters of the crop. While the botrytis was partly responsible for the rot there were cases where a fusarium fungus was the chief cause, producing a wetter rot than the former. The botrytis seems to work down between the layers, often rotting one or more so that the inside easily slips out of the outer healthy layers. The wet summer season was apparently the chief factor in the development of the trouble. It is probable that most of the bulbs went into storage already infected although showing little or no sign of decay at the time.

Harrisburg, Pa.

The capital city of Pennsylvania is a very busy place when the legislature is in session and there is enough vim in the 100,000 inhabitants to keep things moving right along between times. The flower trade is not as numerically strong as one would expect to find in a city of this size, there being no large growers, almost all the cut flowers coming from Philadelphia and other large cities of the state.

The House of Flowers (Chas. Uttley, proprietor), 321 Walnut street, is very much up-to-date in its appointments. A splendid stock of all the best flowers is carried, which are artistically displayed in baskets and large vases about the store and in the handsome window. A large work room off the store in the rear was presided over by Miss Uttley, who has great ability as a designer. A large electric sign outside was an attractive feature. Boxes of ivy and pyramid box trees were also features of the front. Mr. Uttley expects to occupy a much larger and corner store next his present location, a part of a large hotel, which will include his present shop. He expects to open the season there early next fall.

The Bouquet Shop at 311 Walnut street is very neat and beautiful in its blue and gold decorations. Gilded grape leaves and vines with bunches of grapes, cover much of the wood work and ceiling, producing a very delicate decorative effect. Standing about in vases and baskets were quantities of seasonable flowers. In the rear the work room opened off the store. The roomy appearance of the shop was very attractive and calculated to make a good impression on the high class trade that was being catered to. Mrs. Hildebrand, wife of the proprietor, is the artist and is also very well versed in the art of selling.

Charles L. Schmidt, 313 Market street, right in the heart of the retail district, has a very attractive entrance in his decorated lattice work vestibule leading to his store proper and greenhouse in the rear. Mr. Schmidt says that special sales and week end offerings at moderate prices are great factors in his business. Sweet peas and violets, when they can be had in quantity, also roses and carnations that can be offered at 49 cents a bunch or dozen, sell quickly and in large quantities. Business has opened up very well and he anticipates a good season.

The Berry Hill Nursery Co., on Locust, above Second street, had a very prettily arranged shop with its specimen evergreens in front. Orange dahlias and marigolds, tastefully arranged in a large basket, with a two-toned orange ribbon, was a feature in the store. Miss Roop, formerly of Williamsport, is the decorator and in charge of the store. At their nurseries in the suburbs, a fine line of trees and all kinds

of shrubbery were in stock for their landscape department, which now has its hands full with work to be done before winter sets in.

At the capitol park greenhouses, the superintendent, John Logan, reports the squirrels have played "hob" with his large latanias when out in the grounds, eating out the new leaves as they came up. A new range of glass of most up-to-date and imposing appearance, will shortly be erected on new park ground recently acquired opposite the capitol.

J. D. Brenneman has a conspicuous corner at Second and Locust streets, with the large window filled with plants and vases of chrysanthemums.

The new Cumberland Flower shop has opened at 809 North Third street. It is well fitted up and is making a good bid for business.

L. K. Longnecker, 804 North Third street, is kept busy with funeral work. He also handles a fine line of foliage and flowering plants. K.

Westchester and Fairfield Society.

A large attendance and an exceptionally fine display on the exhibition tables characterized the monthly meeting of the above society, held in its rooms in Hubbard hall, Greenwich, Conn., October 13, President Sealey in the chair. Four new members were enrolled and one application received and filed. The committee in charge of plans for the fall show reported everything in readiness for the exhibition, which will be held October 31-November 1. A fine schedule with awards in 121 classes has been prepared and is ready for distribution, the prizes consisting of cash, cups, silverware and cut glass.

J. H. Troy of New Rochelle, N. Y., and F. E. Conine of Stratford, Conn., were visitors and addressed the meeting briefly. The following awards were made: Well grown vase of bouvardia in variety—cultural certificate to Wm. Graham. Carnations—high commendation to Robert Grunnert. Roses in variety—high commendation to Anthon Pederson. A vote of thanks was extended to the last named for a display of carnations, petunias and a box of grapes. P. W. Popp was highly commended for a display of gladioli, a certificate of merit having been previously awarded. The next meeting will be held November 10, at which time nominations for officers for the ensuing year will be in order.

P. W. POPP, Cor. Sec'y.

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.

THE BEST AMERICAN BOOK ON THE SUBJECT
170 Pages.—Price \$1.00—29 Illustrations.
AMERICAN FLORIST COMPANY
440 S. Dearborn Street, Chicago.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabiosa Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ⅓ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

CRAIG QUALITY PLANTS

Return Most for the Money Invested

There is no waste, each plant having a finish that is at once saleable.
We offer a splendid assortment that should be in every store.

CROTONS, 300 varieties; **FICUS**, Pandurata and Utilis; **ROBUSTA**, **TEDDY**, Jr., **SCOTTI**, **CRAIGI**, **BOSTON**, **ELEGANTISSIMA** improved, and **SMITHI FERNS**; **FINISHED CYCLAMEN** and **BEGONIAS**; **ARECA** Lutescens, **PANDANUS**, **PHOENIX ROEBELENII**, in all their various sizes, stock you should have right now.

Let us send you a sample lot for Ten, Fifteen or Twenty-Five Dollars

They will beautify the shop,
put life and quality into your stock
as well as pep into the business.

SEND FOR OUR CATALOGUE; IT IS A FULL LIST
OF CRAIG QUALITY STOCK WITH PRICES.

ROBERT CRAIG COMPANY

Branch: Norwood, Pa.

Market St., 49th to 50th, Philadelphia, Pa.

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If You are interested in Mid-Winter

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

Dracæna Indivisa

2-in., \$2.00 per 100; \$18.00 per 1,000.

Vinca Variegata, 2 in., \$2.00 per 100.....\$20.00
S. A. Nutt. 2-in.....16.00
Rex Begonias, 3-in.....per dozen 1.00
Satisfaction guaranteed.

ELMER RAWLINGS,

Wholesale Grower
ALLEGANY, NEW YORK

GERANIUMS

Next delivery about Nov. 15th at \$13.50 per 1000
for S. A. Nutt and Buchner and \$16.00 per 1000 for
Ricard and Poltevine.

Asparagus Plumosus, fine stock at \$25.00 per
1000; same rate per 100.

ALBERT M. HERR, LANCASTER, PA.

BOXWOODS—MOST BEAUTIFUL STOCK

Pyramids, 2 -ft.....\$1.00 each
Pyramids, 2½-ft.....1.50 each
Pyramids, 3 -ft.....2.00 each
Pyramids, 3½-ft.....2.50 each
Standard Shape, 14x14 in.....2.50 each
Globes, 14x14 in.....3.00 each
Heavy Bushes, 2-ft.....1.50 each
Nice Bushes, 15-in......35c each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

Seasonable Stock

ASPARAGUS PLUMOSUS, 2¼ in., \$3.00 per 100; 3 in., \$6.00 per 100.

ASPARAGUS SPRENGERI, 2¼ in., \$3.00 per 100; 3 in., \$5.00 per 100; 4 in.
at \$10.00 per 100.

BOUGAINVILLEA SANDERIANA—The finest we ever grew. Trimmed plants,
3 in., \$10.00 per 100; 4 in., \$15.00 per 100; 5 in., \$25.00 per 100.

FERN DISH FERNS, 2½ in. The best sorts, \$3.00 per 100.

FRENCH HYDRANGEAS, heavy, well-grown field plants with 12 to 18
shoots, ready for 7 to 8 in. pots. Pronounced grand by all visiting florists.
Bouquet Rose, Vicomtesse de Vibraye, Lily Moulriere, Radiant, \$7.00 per
dozen—\$50.00 per 100.

KENTIA PALMS, 4 inch pots, 15 to 18 inches high, 5 leaves, \$40.00 per 100;
5 inch pots, 18 to 24 in., 5 to 6 leaves, \$1.00 each.

CANTERBURY BELLS, (Campanula Media) fine field plants for potting for
spring sales, ready for 5 inch pots.
Blue, Rose and White, \$6.00 per 100.

FUNKIA NUDULATA VARIEGATA—A good seller from pots in early
spring. Ready for 4 inch pots, \$6.00 per 100.

THE STORRS & HARRISON CO., Painesville, Ohio

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A. N. Pierson, Inc.

Wholesale Florists

CROMWELL, - CONN.

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CARNATIONS

F. DORNER & SONS CO.,

Lafayette, - - Indiana

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The Nursery Trade

American Association of Nurserymen.

John Watson, Newark, N. Y., President;
Lloyd C. Stark, Louisiana, Mo., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Forty-second annual convention will be held at Philadelphia, Pa., June, 1917.

NEW YORK.—Lewis & Valentine, nurserymen, 150 Nassau street, will open a branch at White Plains in addition to the establishments now operated at Roslyn and East Rockaway.

THE Chicago Co-operative League, through the courtesy of the International Apple Shippers' Association, distributed 50,000 apples to the poor, Tuesday, October 17, the occasion being "National Apple Day."

ROCKFORD, ILL.—The R. V. D. Giddings Co., landscape gardeners and nurserymen, has been incorporated with a capital stock of \$5,000. R. V. D. Giddings, who will manage the concern, has for several years been employed as a landscape architect in Georgia.

UNDER the title, "Roses for the Home," the United States department of agriculture has issued Farmers' Bulletin 750 by Professor F. L. Mulford, landscape gardener, Office of Horticultural and Pomological Investigations. The bulletin contains 36 pages, is profusely illustrated, and treats of the many classes of roses, their adaptability for ornamental or cut flower purposes and methods of culture.

American Association of Park Supts.

The eighteenth annual convention of the American Association of Park Superintendents was held at the Grunewald hotel, New Orleans, October 10-12, about 100 members being present at the opening session. Owing to the non-arrival of a number of delegates, the only business during the morning was a meeting of the executive committee. In the afternoon the local entertainment committee, headed by W. A. Porteous, chairman, escorted the visitors on an automobile tour of the city, ending in Audubon park, where the party was met by the board of park commissioners. Following the photographing of the delegates, during which they were entertained with southern melodies by a band, the entire party was ushered into the banquet hall where Hon. P. Capdeville, former mayor of the city, and president of the park improvement association, welcomed them. President E. T. Mische responded and expressed for the members of the association their high appreciation of the cordial reception extended to them. After refreshments were served, the Delgado art museum, which is situated in the park, was the next place of interest visited.

Constructive details marked both the morning and evening session Wednesday, particular attention being given to relationship of playgrounds and parks. At the morning session a paper by Frederick Law Olmstead, entitled "Playgrounds in Parks from a Designer's Standpoint," was read. In his summary he asserted that playgrounds must be made as orderly and attractive in appearance as possible,

no matter where placed. "City Planning in Relation to Park Properties," by Professor James Sturgis Pray, was another interesting paper, as was also Lebert Howard Weir's paper, "Trend of the Playground Movement as it Affects Parks." An interesting discussion followed.

The beauties of the Pontchartrain lake shore were shown the visitors during the afternoon, followed by an auto ride through the residential streets of the city. Supper was served at the Southern yacht club.

The principal feature of the Thursday morning session was the election of officers which resulted as follows: John F. Walsh, New York, president; Henry W. Busch, Detroit, Mich., first vice-president; Herman W. Merkel, New York, second vice-president; Ernest Strehle, St. Louis, Mo., third vice-president; Alexander Stuart, Ottawa, Ont., fourth vice-president; Clarence L. Brock, Houston, Tex., fifth vice-president; Charles W. Davis, Memphis, Tenn., sixth vice-president; Roland W. Cotterill, Seattle, Wash., secretary-treasurer.

During the afternoon the visitors were taken aboard tugs of the dock board and the conservation committee and inspected the city's harbor facilities. The trip occupied several hours and was much enjoyed by all in the party.

At the session Thursday evening lively voting characterized the selection of the next meeting place and resulted in the choice of St. Louis which received 30 votes, followed by Louisville, Ky., and Hartford, Conn., with 14 and 3 votes respectively. Because of illness of several of the speakers, the programme for the night session was abandoned and the convention was called adjourned.

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4-in. Asparagus Sprengerii.....	7.00	65.00
2½-in. Begonias, 8 varieties.....	6.00	55.00
2½-in. Chinese Primroses, 20 kinds	3.00	28.00
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Dracaena Indivisa, 2-in., \$2 per 100, \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

FERNS.**BOSTON FERNS.**

	Per dozen.
5-inch	\$ 2.40
6-inch	4.20
7-inch	9.00
8-inch	12.00
9-inch	15.00

The George Wittbold Co.,
737 Buckingham Place, Chicago.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias, H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns, Boston, 4-in., \$15 per 100; 7-in., \$6 per doz.; 8-in., \$1 each, \$9 per doz. Large plants in 11 and 12-in. pots, \$2.50 and \$5 each. R. Vincent, Jr. & Sons Co., White Marsh, Md.

TABLE FERNS, best varieties, fine stock, 2-in., \$3 per 100, \$25 per 1,000; 3-in., \$5 per 100, \$40 per 1,000. HENRY SMITH, Grand Rapids, Mich.

FERNS—Boston. Roosevelt, Springfield, 4-in., \$7.50 per 100; 3-in., \$5.50 per 100. Fine stock. Cash with order. THE COLONIAL GARDENS, Orlando, Fla.

Fine Nephrolepis ferns. For varieties and prices see advertisement elsewhere in this issue. F. R. Pierson Co., Tarrytown, N. Y.

Ferns. Boston, 5-in., 40c each. New fern, John Wanamaker, 6-in., 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

Fern dish ferns, 2½-in., best sorts, \$3 per 100. The Storrs & Harrison Co., Painesville, O.

GERANIUMS.

GERANIUMS. Extra strong, 2-in., S. A. Nutt, Ruby (best dark red), Dagata, Ricard, Red Wing, Viaud, Landry, La Favorite, Perkins, Oberle and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wylie, Aviator, Rogers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. F. H. DE WITT & CO., Wooster, O.

GERANIUMS.

Geraniums, in good 3-in. stock at \$3 per 100; \$25 per 1,000; 2-in., at \$2 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS. Mixed varieties, fine healthy plants, \$8.00 per 100. M. C. GUNTERBERG, 158 North Wabash Avenue, Chicago.

Geraniums, 100,000 in 2 and 2½-in. pots, in 28 varieties, \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, S. A. Nutt and Buchner, \$13.50 per 1,000; Ricard and Poitevine, \$16 per 1,000. Albert M. Herr, Lancaster, Pa.

GREENS.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. Caldwell, The Woodsman Co., Evergreen, Ala.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

HEDGE PLANTS.

	Per 1,000
Calif. Privet, 1 yr., 10 to 18-in.	\$ 6.00
" " 2 yr., 12 to 18-in.	10.00
" " 2 yr., 18 to 24-in.	12.00
" " 2 yr., 2 to 3 ft.	15.00
Spirea, Van Houttei, 3 to 4 ft.	7.00
" Reeresii, 3 to 4 ft.	7.00
Althea, Named, 2 to 3 ft.	10.00
Barberry, Thun., 12 to 18-in.	4.00
" " 18 to 24-in.	7.00

Send for complete trade list.
THE LANCASTER COUNTY NURSERIES,
R. F. D. No. 7, Lancaster, Pa.

HYDRANGEAS.

Hydrangeas. Fine pot-grown plants for October shipment. Otaksa, 4-in., \$15.00 per 100; 5-in., \$25.00 per 100; 6-in., \$35.00 per 100. French varieties, 4-in., \$15.00 per 100; 5-in., \$25.00 per 100; 6-in., \$35.00 per 100. A. Henderson & Co., 211 N. State St., Chicago.

Hydrangeas, French. Heavy, well-grown field plants, 12 to 18 shoots, ready for 7 to 8 in. pots, \$7 per doz.; \$50 per 100. The Storrs & Harrison Co., Painesville, O.

HYDRANGAEA OTAKSA. 3-in., \$5 per 100. Flowering sizes pot-grown, 25c to 50c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY. rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

JERUSALEM CHERRIES.

Jerusalem Cherries, 4-in., stocky, \$1.00 per doz., \$8 per 100. The George Wittbold Co., 737 Buckingham Place, Chicago.

LANTANAS.

LANTANAS, mixed, 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the valley. Finest in existence. For quotations address Otto Mann, Leipzig, Saxony, Germany.

MOONVINES.

Moonvines, lemon verbenas, swainsona, parlor ivy, S. scandens, alternanthera, coleus, Salvia Bonfire and Zurich, cuphea, 2-in., \$2 per 100; \$18.50 per 1,000; 3-in., \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

NURSERY STOCK.

Write for wholesale price list of ornamental nursery stock. MAYWOOD NURSERY CO., Maywood, Ill.

ORCHIDS.

Orchids in season, gardenias and roses in all leading varieties. Beechwood Heights Nursery, Bound Brook, N. J.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.**PALMS.**

KENTIA FORSTERIANA SINGLE PLANTS.		Each
Leaves		
6 inch pots 5-6	28 inches high...	\$ 1.25
6 inch pots 6-7	32-34 inches high...	1.50
6 inch pots 6-7	34-36 inches high...	2.00
8 inch tubs 6-7	40-42 inches high...	3.50
8 inch tubs 6-7	42-46 inches high...	4.00
8 inch tubs 6-7	50 inches high...	5.00
9 inch tubs 6-7	52-56 inches high hv	7.00
10 inch tubs 6-7	60 inches high...	8.00
10 inch tubs 6-7	60-65 inches high...	12.00
15 inch tubs 6-7	8 feet high...	40.00
15 inch tubs 6-7	9-10 feet high...	50.00

KENTIA BELMOREANA SINGLE PLANTS.		Each
Leaves		
2½ inch pots 4	16-18 45c each	\$5.00
4 inch pots 5-6	24 each	1.25
6 inch pots 5-6	28 each	1.50
8 inch tubs 5-6	42 each	5.00

KENTIA FORSTERIANA MADE UP PLANTS.		Each
Plants		
6 inch pots 3	26-28 inches high...	\$ 2.00
7 inch tubs 3	30-32 inches high...	2.50
8 inch tubs 3	38 inches high...	4.00
8 inch tubs 4	48-50 inches high...	5.00
9 inch tubs 4	52 inches high...	6.00
10 inch tubs 4	54 inches high...	8.00
12 inch tubs 4	60-64 inches high...	12.00
12 inch tubs 4	66 inches high...	15.00
15 inch tubs 4	6-6½ ft. high, heavy...	25.00
15 inch tubs 4	75-80 inches high...	30.00

ARECA LUTESCENS.		Each
Plants		
6 inch pots 4	bushy, 24-26 inches high...	\$1.25

ASPIDISTRAS.
5 inch pots 10-12 leaves green\$1.00
6 inch pots 16-20 leaves green 1.50
5 inch pots 10-12 leaves var. 1.50

POEHLMANN BROS. CO.,
Morton Grove, Illinois.

LATANIA BARBONICA PALMS. 15-in. tubs, suitable for decorative work, \$5 each. Pandanus Veitchii, 15-in. tubs, \$5 each. HENRY SMITH, Grand Rapids, Mich.

Kentias. Strong, healthy, clean stock. For varieties, sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th Sts., Philadelphia, Pa.

Kentia Palms, 4-in., \$40 per 100; 5-in., \$1 each. The Storrs & Harrison Co., Painesville, O.

Palms. Joseph Heacock Co., Wyncote, Pa.

PANDANUS.

PANDANUS VEITCHII. 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. HENRY SMITH, Grand Rapids, Mich.

Pandanus Veitchii, 4-in., 35c each; 6-in., 75c to \$1 each; 7-in., \$1.25 each; 9-in., \$2.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

PANSIES.

Giant Flowering Pansy seedlings, heavily rooted, 35c per 100; \$2.50 per 1,000. Steele's Private Stock Pansy seedlings, exhibition strain, 50c per 100, \$4.50 per 1,000. Prepared to ship immediately short distances; advise shipping long distances only after October 10, to allow frost to harden. Cash. JOS. H. CUNNINGHAM, Delaware, Ohio.

PANSY PLANTS. Henry Mette's strain, strong and stocky, all giant flowering, \$2.50 per 1,000. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

PEONIES.

Peonies. Write for list. Peterson Nursery. Stock Exchange Bldg., Chicago.

PEPPERS.

Peppers, Bird's-Eye, bushy plants, 4-in., \$12.00 per 100; \$100.00 per 1,000.

Peppers, Celestial, 4-in., \$12.00 per 100; \$100.00 per 1,000.

Jerusalem Cherry, 4-in., \$12.00 per 100; \$100.00 per 1,000.

PYFER & OLSEM, Wilmette, Ill.

PRIMROSES.

PRIMROSES, Obconica, Chinensis and Malacoides, 2-in. pots at \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

POINSETTIAS.

POINSETTIAS, true Christmas double flowering, 2½-in. stock, \$5.00 per 100; \$47.50 per 1,000.

C. Winterich, Cyclamen Specialist, Defiance, O.

PRIMULAS.**PRIMULA MALACOIDES.**

Extra fine stock.	100	1,000
2-inch	\$3.00	\$27.50
2½-inch	4.00	35.00
3-inch	6.00	50.00

PYFER & OLSEM, Wilmette, Ill.

PRIMULA OBCONICA. Bornsdorf strain, fine mixed, 3-in., \$6.00 per 100; Malacoides, 3-in., \$6.00 per 100; 4-in., \$10.00 per 100. Drummond, 2-in., \$3.00 per 100. ERNEST ROBER, Wilmette, Ill.

PRIMULA OBCONICA. Gigantea in splendid colors, (no white). 4-in., ready for 5-in., fine for Christmas, \$6.50 per 100. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Primula Obconica. Assorted rich colors, 4-in., \$1.50 per doz.; \$12.00 per 100; \$100 per 1,000. The George Wittbold Co., 737 Buckingham Place, Chicago.

PRIVET.

California Privet, of superior quality, in all sizes from one to four feet. J. T. Lovett, Little Silver, N. J.

PTERIS.

Pteris Wimsettii, 4-in., serrulata, 4-in., cretica albo-lineata, 4-in., \$1.00 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

ROSES.**ROSES.**

2,000 White Killarney, 2½-in., grafted, good, big plants	\$8.00
2,000 Richmond, 2½-in., grafted, good, big plants	8.00
1,000 Cecile Brunner, 3-in., own root, choice stock	4.00
500 American Beauty, 3-in.	8.00

BASSETT & WASHBURN, Chicago. 173 N. Wabash Ave.,

Roses, Grafted 3½-in. stock: Pink and White Killarney, Brilliant, Old Gold, Scott Key, Elgar, \$140 per 1,000. Grafted 2½-in. stock: White Killarney, \$100 per 1,000. Own root, 3½-in. stock: Pink and White Killarney, Old Gold, Richmond, Elgar, \$96.70 per 1,000. Poeblmann Bros. Co., Morton Grove, Ill.

ROSE PLANTS, Pink and White Killarney, 3-in. pots, own roots, \$6 per 100; \$50 per 1,000. My Maryland, 3-in., at \$8 per 100, \$75 per 1,000. All first-class stock. HENRY SMITH, Grand Rapids, Mich.

ROSES. 300 good, healthy Killarneys, grafted from 4-in. pots, 10c each, to close out. Cash or satisfactory reference. Can use a few Rose Pink Enchantress. W. W. COLES, Kokomo, Ind.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses. Pot-grown, 2½ and 4-in. Field grown, to pot, 5 to 6-in. The Leedle Floral Co., Springfield, O.

Roses, cannas and shrubbery. The Conard & Jones Co., West Grove, Pa.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10 per 1,000. Asparagus Hatcheril seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

SPECIAL OFFER.

500 seeds free by mail for your name and address and 15c. in stamps. 100 Asparagus Sprengeri; 100 Ampelopsis Veitchii; 100 Papper tree; 100 Chamaerops excelsa; 100 Dracena australis. GEORGE LEAVER, P. O. Box 1049, Los Angeles, Calif.

Seeds. Antirrhinum, Mignonette, Schizanthus, Shamrock and Stocks. For varieties and prices see advertisement elsewhere in this issue. Arthur T. Boddington Co., Inc., 128 Chambers St., New York.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, contract growers of cucumber, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, contract growers of pepper; egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed. Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, specialties: Lettuce, onion, sweet pea, aster, cosmos, mignonette, verberna in variety. Waldo Rohnert, Gilroy, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsley, parsnips, turnips. R. & M. Godineau, Angers, France.

Seeds, large growers and shipper of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Petunias. Our celebrated strains will be ready in November. Prices and list on application. F. B. Shepherd Co., Ventura, Calif.

Seeds. Flower and garden seeds. Sweet Pea and Nasturtium a specialty. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds. Vegetable, flower and forage. Simon Louis Freres & Co., Bruyeres-le-Chatel (Seine et Oise), France.

SEEDS.

Seed. Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

Seed. High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds. Flower, sweet pea and nasturtiums. The L. D. Waller Seed Co., Guadalupe, Calif.

Seeds. All the leading kinds for summer and fall planting. James Vick's Sons, Rochester, N. Y.

Seed. Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seeds, flower, vegetable and farm. Wholesale only. Kelway's, Langport, England.

Seeds. Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seeds. Flower and garden. Barnard Seed Store, 231-235 W. Madison St., Chicago.

Seed. For the wholesale trade only. Braslan Seed Growers' Company, San Jose, Calif.

Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seeds which succeed. Get quotations from Landreth, Bristol, Pa.

SNAPDRAGONS.

SNAPDRAGONS, the color of Ophelia rose, beautiful pink yellow, took first prize at the 1915 Cleveland show, topped and branched, 2-in., \$3.00 per 100; \$27.50 per 1,000.

C. Winterich, Cyclamen Specialist, Defiance, O.

SWAINSONA.

SWAINSONA, 4-in. pots, fine plants, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

TULIPS.

Tulips. Single named and Darwin. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

VEGETABLE PLANTS.

FIELD-GROWN PLANTS, all varieties: Cabbage, \$1.00 per 1,000; \$8.50 per 10,000. Celery, \$2.00 per 1,000. Parsley, \$2.50 per 1,000. F. M. PATTINGTON, Scipioville, N. Y.

VINCAS.

Vinca variegata, 2-in., \$2 per 100; \$20 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

VIOLETS.

VIOLETS. Gov. Herrick; strong field grown clumps from selected blooming stock, \$5.00 per 100. Cash. W. H. Culp & Co., Wichita, Kansas.

VIOLETS. Gov. Herrick. The best of all. Fine field clumps, \$5.00 per 100; \$45.00 per 1,000. C. Winterich, Cyclamen Specialist, Defiance, O.

MISCELLANEOUS.

Ornamental nursery stock; field-grown roses, flowering shrubs, perennial plants, climbing vines and ornamental trees. Price list on request, to the trade only. Jackson & Perkins Co., Newark, New York.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Choice landscape, decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., box 404, Dundee, Ill.

Japanese tea garden and rockery for your greenhouse and conservatory. Made in a short time. T. R. Otsuka, 300 S. Michigan Ave., Chicago.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

MISCELLANEOUS.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Av., Detroit, Mich.

Boiler flues, cleaned and trimmed. Stuttle's clamps and elbows to join flues. H. Munson, 1353 N. Clark St., Chicago.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Daylite glass cleaner, quick and powerful. Will not injure paint or putty; leaves no greasy surface. Andersen Specialty Co., 6 E. Lake St., Chicago.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Norway Spruce for miniature Christmas trees. 2-3 ft., \$15 per 100; 18-24 in., \$12 per 100; 12-18 in., \$10 per 100. Can be shipped at once or later on, up to December 1st. Jackson & Perkins Co., Newark, New York.

Use the scientific constructed Hansell rocker grate. It will mean money in your pocket. Hansell Grate Co., 654 Railway Exchange Bldg., Chicago.

Prepared cycas leaves. Best quality, perfect color, very pliable. 100 assorted sizes up to 36 inches long, \$4.80. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Best stock catalogues for nurserymen. Sample free. Order early. Gillies Litho. & Printing Co., Rochester, N. Y.

For plants and cuttings get our prices before ordering elsewhere. S. S. Pennock-Meehan Co., 1608-1612 Ludlow St., Philadelphia, Pa.

Vaughan's perfection points. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Nursery stock of all descriptions. Catalogues and price lists free on application. The Storrs & Harrison Co., Painesville, O.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Catalogues. Large runs our specialty. Write for prices. Regan Printing House, 503 Plymouth Place, Chicago.

Baskets of every description. Write for catalogue. Raedlein Basket Co., 713 Milwaukee Ave., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 1302-1308 West Division street, Chicago.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Boilers of high grade for greenhouses. Write for catalogues. Giblin & Co., Utica, N. Y.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Blooming plants or anything in soft wooded plants. Geo. A. Kuhl, Pekin, Ill.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastic for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 95 Chambers, New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

GREENHOUSE LUMBER

LOCKLAND LUMBER CO.,

1866-1916

**"ALL-HEART" CYPRESS
WORKED TO SHAPES.
HOTBED SASH.
PECKY CYPRESS.**

SQUARE RED CEDAR POSTS.

Lockland, O.

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Hail storm insurance. John G. Esler, Sadle River, N. J.

Glass, large stock and good prices. Sharp, Partridge & Co., Chicago.

Wired toothpicks, 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Greenhouse boilers. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Everything the best in florists' supplies. H. Bayersdorfer & Co., 1127 Arch St., Philadelphia.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

GREENHOUSE INSURANCE.

Cyclone and hail insurance; also insurance on growing crops while in the fields. The American Mutual Cyclone and Hail Insurance Co., Muncie, Ind.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 908 Blackhawk St., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Pecky Cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction and equipment. King Construction Co., North Tonawanda, N. Y.

INSECTICIDES.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Apbine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Apbine Manufacturing Co., Madison, N. J.

Nikoteen, excellent for spraying. Apbis Punk for fumigating. Nicotine Mfg. Co., St. Louis.

A. HERRMANN

Baskets, Florists' Supplies

404-412 East 34th St. NEW YORK

The Regan Printing House

LARGE RUNS OF CATALOGUES

OUR SPECIALTY

WRITE FOR PRICES

527 Plymouth Place, CHICAGO

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset flower, vegetable waterproof paper pots. Vaughan's Seed Store, Chicago and New York.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kohr, 2934-36 N. Leavitt St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

Red pots. Geo. Keller & Sons, 2614-22 Hern-don St., Chicago.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c for 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE. 264 Randolph St., Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

STAKES.

Cane Stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000. Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Rose stakes, extra stiff, No. 9 galvanized wire, 4 1/2 ft., \$13.50 per 1,000; carnation supports, \$18 per 1,000. The Carnation Support Co., Connersville, Ind.

WIRE WORK.

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We believe it is correct to state that Newark was a growing city when the map makers were making a great dark space in the west, say where Kansas and a few other states are now located, and marking it: "Great American Desert." To many of the present generation, the above may seem like a joke, but the writer can remember to have seen such a map. At any rate, Newark is one of the old cities of America, and its inhabitants have for the past four months been celebrating the anniversary of its first settlement and have had a jolly time and incidentally secured a lot of good advertising.

Calling recently on a number of the florists we found them busy and hopeful for the future. At Begerow's, 946 Broad street, great improvements have been made in their store and plans have been perfected for very elaborate window displays.

Philips Brothers, 938 Broad street, in addition to much other work, recently arranged a fine church wedding decoration in which a large amount of smilax and many chrysanthemums were used.

The new store of W. R. James, Bloomfield and Mt. Prospect avenue, is very attractive and business was reported as improving. Robert James, his father, a veteran grower, is now assisting him in the store.

Harry J. Stein, who conducts the flower, plant and seed department in Hahn's large department store, is making a fine display in cut flowers and plants and has received a great stock of bulbs.

McLaughlin & Murphy, 181 Clinton avenue, are clever designers and decorators and have a growing business. They are active in the affairs of the Essex County Florists' Club.

George Penek, 637 Broad street, has a very neat store and does a good business, being a constant buyer in the New York market. His window decorations show good taste.

The Essex County Florists' Club will hold an exhibition this fall, the date and location to be hereafter announced, though as a matter of course, it will be held in Newark.

Penek's Flower Market, 171 Market street, which is conducted by Chris Penek, shows a good stock of cut flowers and plants and is well managed.

John Crossley, the Bellevue avenue florist, has closed his summer cottage at Atlantic Highlands and business is now active at his store.

Henry A. Strobell, another Broad street florist, is a veteran in the business and keeps an attractive store.

We found Wolfinger busy with funeral work, while counter trade was reported good.

A. F. F.

ATHOL, MASS.—W. M. Boynton will erect one house on Wallingford avenue.

STAMFORD, CONN.—Waldemar Osterby, formerly of Sea Cliffe, N. Y., has purchased the extensive range on the Elmwood estate.

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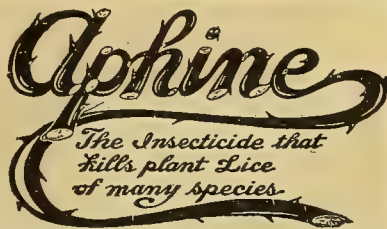
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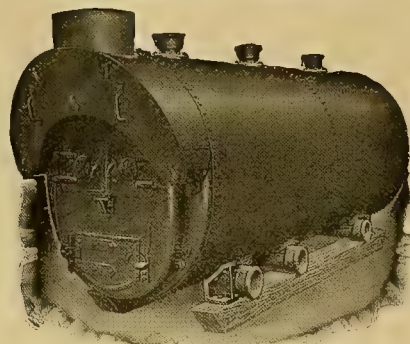
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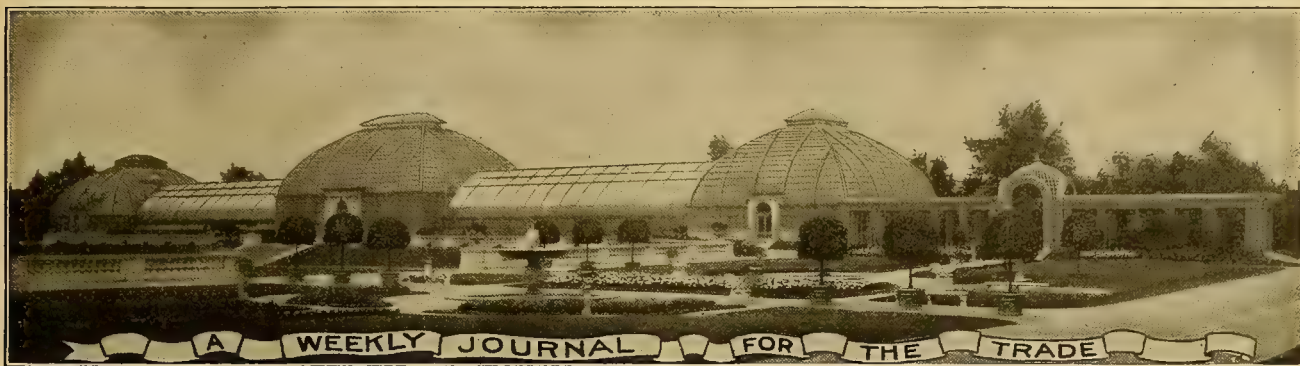
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Vol. XLVII.

CHICAGO AND NEW YORK, OCTOBER 28, 1916.

No. 1482

THE AMERICAN FLORIST

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OFFICERS ELECT—R. C. KERR, Houston, Tex., President; A. L. MILLER, Brooklyn, N. Y., Vice-President; JOHN YOUNG, New York, Secretary; J. J. HESS, Omaha, Neb., Treasurer. Next annual convention at New York, August 21-24, 1917.

Fifth National Flower Show.

The Fifth National Flower Show and the Thirty-fourth convention of the Society of American Florists will be held at St. Louis, Mo., April 6-15, 1918.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at Indianapolis, Ind., January, 1917. J. F. AMMANN, Edwardsville, Ill., President; W. J. VESSEY, JR., Ft. Wayne, Ind., Vice-President; A. F. J. BAUR, Thirty-eighth St. and Rockwood Ave., Indianapolis, Ind., Secretary.

AMERICAN ROSE SOCIETY.

Next annual convention and exhibition, 1917. S. S. PENNOCK, Philadelphia, Pa., President; LOUIS J. REUTER, Westerly, R. I., Vice-President; BENJAMIN HAMMOND, Beacon, N. Y., Secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA

Annual convention and exhibition at Philadelphia, Pa., November 8, 1916. WM. KLEINHEINZ, Ogontz, Pa., President; C. W. JOHNSON, 2134 W. 110th Street, Chicago, Secretary.

AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Boston, Mass., July 7, 1917. GEO. W. KERR, Doylestown, Pa., President; HARRY A. BUNYARD, 40 W. Twenty-eighth street, New York, Secretary.

SUGGESTIONS FOR PLANT GROWERS.

Callas.

The calla bulbs that were planted in pots during August should now have a fine start and should be placed in the benches or pots where they are going to bloom. Make the soil good and rich—it can hardly have too much manure to get the best results, but do not use too fresh manure. Have it partly rotted. If grown in pots and the bulbs are large give them a good size, nine or ten-inch is none to large, and pot firmly. After potting give the plants a good soaking and then withhold water until the plants have obtained a good foothold in the new soil, when they will require lots of water. Place them in a house where the temperature can be held at 60° at night if flowers during the winter are desired. Keep the plants tied up that the bloom may have straight stems. When cutting leaves be careful not to cut too low or the young flower that is enfolded in the leaf stem may be injured.

Mignonette.

As the weather grows cooler, the mignonette will begin to throw the long spikes that are so much desired by the best trade. The plants should be carefully kept tied or held erect for if they get bent over the stems will grow crooked and they are worthless. Growers adopt different methods for doing this. Some grow them in wire rings similar to the carnation supports, others cut short brush sticks which they set between the rows of plants and still others run wire lengthwise of the bench and tie strings across, making a square around each plant in which it will stand erect. Other wires and strings are added as the plant grows. Keep the plants growing very cool from now on; a house at about the temperature of a violet house, that is from 36° to 40° at night, will produce the finest spikes of flowers. When the flower spikes begin to show keep the plants well disbudded, allowing only the center flower to bloom and all the side shoots

should be cut off. This will have to be done very early with the first bloom that sets, for as soon as it forms, three shoots will immediately start to grow at the base of the flower; these should be removed as early as possible that the entire strength of the stalk can go into the terminal flower.

Dahlias.

Before the dahlias were through blooming they should have been carefully named and a label properly inscribed fastened to each plant that it is desired to save. As soon as the plants are killed by the frost they should be cut down and the tubers dug. Leave about six or eight inches of stem and firmly attach the label to this in such a manner that it cannot become loosened and lost. A good, dry cement cellar, either with a cement or earthen bottom, will keep them nicely through the winter, but it should be frost proof and not too near a boiler or heater. The tubers can be placed closely together and then covered with soil and they will come through the winter and the tubers be nice and plump in the spring. They should be occasionally examined to see that they are not getting too dry or shriveling. If this happens cover the soil with papers and then sprinkle the paper and the soil will absorb the moisture.

Gladioli.

As soon as the frost has killed down the foliage the gladiolus bulbs should be lifted and dried off. Keeping the varieties separate, the bulbs, with the tops attached, should be laid out in layers either on a light, dry shed floor, or on boards in the open air where they can be protected at night during frosty weather. A set of boards or frame shutters spread along on the south side of a building make a very fine place to dry them off and fully ripen the bulbs. Have plenty of covering handy that can be thrown over them on cold nights. When thoroughly ripened the bulbs can be broken

from the tops and packed away. Look the bulbs over carefully for any diseased spots and if any having these are found, keep them separate from the sound ones, for it is the prevailing opinion that the disease may be communicated to a sound bulb by coming in contact with a diseased one. Of the finer varieties and those which it is desired to increase, save all the small corms, and these can be planted to grow on in succeeding years to make flowering bulbs. There are so many new and meritorious varieties now being placed upon the market that the grower who has a market for gladioli should make it a point to use these, for the advance has been very rapid and many of the new ones are far ahead of the older varieties. This flower has forged rapidly ahead in the last few years as a cut flower, and with the improvement now going on is bound to retain its popularity.

After Chrysanthemums.

The early chrysanthemums are now through flowering and the space that they have occupied should be made of use by a growing crop. The soil in which they have been grown should be removed. It is very seldom that a good crop of any flower can be grown in the soil that has produced chrysanthemums. While it looks to be all right and often has much manure in it that the chrysanthemums have not taken up, yet our experience has been that the soil will not grow a succeeding crop. It is better to throw it out in a pile where it can be subjected to the sweetening process of nature. The stock plants of the chrysanthemums can be selected and blocked up closely together and the surplus stock sold, and the space made ready for a following crop. Many growers frequently ask what can be grown to follow chrysanthemums. It depends greatly upon what the trade demands. Where the early frosts are not severe, the single violets are left in the field and planted in the beds, but in the northern section of the country the weather is often too severe, the plants being badly frozen and will not recover until mid-winter. Plant growers will require the space for the growing plants and the lilies where planted early can be moved into the benches. Sweet peas make a good crop in these beds for spring blooming. If the seed is planted in pots in October and then transplanted to the beds early they can be bloomed in March. There are a number of annuals that can be profitably grown, such as bachelor's buttons, and stocks, or early blooming herbaceous plants like Canterbury bells, and *Coreopsis lanceolata*, which will give an attractive assortment of flowers in early spring.

FREDERICTON, N. B.—Abraham Alward, well known as a florist and agriculturist, died here recently.

PETERBORO, ONT.—The Peterboro Floral Co. and Jordan Bros. report excellent business, but find difficulty in securing sufficient supply.

PROVIDENCE, R. I.—Willis S. Pino has remodeled his establishment, doubling its capacity, and is now fully prepared to handle the fall trade.

LONDON, ONT.—Extensive improvements are being made at the establishments of the West Floral Co. and that of J. Gammage & Sons, Ltd.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

George V. Wienhoeber, Chicago.

George V. Wienhoeber, well-known Chicago retail florist, had his fall opening last week at 41 South Wabash avenue, brief mention of which was made in our last issue. The opening was a great success in every respect and the store was beautifully decorated for the occasion, the feature being a magnificent window display of orchids. A large and complete assortment of all seasonable cut flowers was on display for the benefit of the customers, particularly chrysanthemums, orchids, lily



George V. Wienhoeber.

of the valley, American Beauty, Mrs. Chas. Russell and all the other leading roses. Everything in general was in good demand, but chrysanthemums and roses sold best, although practically every item of stock was pretty well disposed of each day before closing time. Mr. Wienhoeber believes in buying in large quantities and doing a volume of business, and one of his orders alone on one day from one house called for 1,400 fancy chrysanthemums, which, together with the other stock bought, gave the visitors an impression of a small flower show.

Mr. Wienhoeber started in the florist business with his uncle, Ernst Wienhoeber, at 22 East Elm street, Chicago, when he was 16 years of age and four years later left his employ to take a position with the J. M. Gasser Co. of Cleveland, O. He gave up his position with the Ohio concern about a year later and after working for various Chicago retail florists several years he finally accepted a position as manager of the Fleischman Floral Co., which he held 11 years. On January 1, 1914, he started in business for himself at his present location, taking over the old Lubliner & Trinz store, where, by strict attention to business and hard work, he steadily built up a fine trade, which reached such large proportions that he was compelled to rent an adjoining store this fall, just around the corner

at 52 East Monroe street. By removing the wall in the rear of his old establishment it was possible to connect the two, giving him an L-shaped store with over 1,500 square feet of floor space, not counting the basement, and two main entrances, one on South Wabash avenue and the other on East Monroe street. The A. L. Randall Co. furnished the fixtures when he remodeled his place last month, and after the alterations were completed his establishment ranked second to none in appearance with any in Chicago. The store is lined with mirrors on all sides and entirely free of fixtures with the exception of the wall cases, office furniture and display refrigerator. Most of the cut flowers are kept in a large ice-box in the basement, where all the supplies are stored and the work arranged. The window is wonderfully well adapted for show purposes and no opportunity is ever lost to use it to the best advantage. The magnificent displays have attracted much favorable attention and comment, besides being splendid advertisements, which resulted in many sales. He has 12 people on his payroll, all considered experts as salesmen and designers. Mr. Wienhoeber himself is a hard worker and designer and a most capable manager. Illustrations of some of his work have appeared in previous issues of THE AMERICAN FLORIST. His arrangement of corsages for personal adornment and everything connected with a modern flower store is always in good taste, and his aim is ever toward the high class and artistic. He is a firm believer in advertising and will spend \$10,000 next season, commencing with November, 1916, the greater portion of which will appear in the street cars and on the billboards. Mr. Wienhoeber is only 34 years old and has a splendid future before him if his past record can be taken as a criterion. He is climbing the ladder of success rung by rung, and while he is practically at the top, he feels that he has only started and just partly formed the foundation of a greater business that is to follow.

Hallowe'en.

To the wide awake retailer, the man who is always up on his toes and ready for the sprint, advantage is taken of every opportunity to get his business before the public, and impress them with the importance of his store, the variety and quality of the stock, and his ability in its artistic arrangement. To make and keep the store attractive is always uppermost in his mind. Current events, such as local football matches, boat races, elections, etc., things that are uppermost in the public mind at the time, can all be featured in window decorations that are sure to attract attention and favorable comment.

Hallowe'en is an occasion which affords an excellent opportunity to bring the store before the public and show the ability of its artist as a decorator in more or less elaborate window decorations. Of late years the makers of all kinds of novelties in papier mache and other like materials, lithographers and printers, firms whose specialty is crepe paper and who work out print designs suitable for all the events of the year, furnish materials that are a great help to emphasize the character of the event. The fac simile pumpkin heads,



GEO. WIENHOEBER'S STORE OPENING, CHICAGO, OCTOBER 16, 1916.

the hob goblins, black cats, the witch and the broom, crepe paper, pictured with all sorts of Hallowe'en lore, will all be found useful adjuncts in this work. Good corn fodder with the husked ears attached, pumpkins in which faces have been artistically cut, an art learned in the school boy days, give materials that essentially belong to and have from the earliest time been associated with the day.

Chrysanthemums in various shades of yellow and bronze that work in nicely with the autumn colors of the oak leaves and corn stalks, will add materially and give an artistic finish to the whole. The inside of the store should also reflect the same holiday aspect with stalks of corn and autumn branches arranged over cases or the refrigerator or in many places where they will be conspicuous, yet out of the way. Many of the manufactured articles, besides being decorative, are also salable and quite a little business can be done with them in connection with the sale of flowers for the occasion.

There are many dinners given in observance of the day for which some quite elaborate decorations are prepared. Large and small pumpkins, hollowed out, some with faces, filled with flowers and tied with ribbons, are generally features of this work. Very artistic decorations can be arranged with these, partially husked ears of corn, autumn leaves, chestnut burrs, etc., with marigold boutonnières for the men and corsages of bronze pompon chrysanthemums for the ladies.

Pumpkins, in which faces have been artistically cut, and some are very realistic, if nicely filled with flowers

and tied with ribbons, make appropriate and acceptable gifts, that if prepared and featured some time before are sure to find appreciation and a more or less ready sale.

To make the most of such a decoration, it should be prepared and ready to place in position at least a week before the event; to stick a few things in the window the day before, as many do, is to make a very poor stab at it. Florists should realize the advantages of featuring and making the most of all such occasions in advance; the advertising value of an event planned for and extended over a week, as compared with a hastily constructed and hurriedly put together job the day before with things at hand, is obvious. In the one case the attractive window as passed day after day is noticed, its various features commented on and spoken of to others, who make it a point to go out of their way to see it and thus the store and business is brought favorably to the attention of many who would not otherwise have known of its existence. The other hurried display is no sooner up than it has to be taken down, and has but little, if any, continued advertising value.

Every man in business hopes to see his trade increase and become more profitable year after year, but how comparatively few there are who work intelligently to bring this about. The successful men are always on the job; they are alert, active, with eyes on the future, always ready to grasp opportunity as it presents itself in any branch. Others are satisfied with a busy day now and again, taking the dull days between as a matter of course—"One can't be busy all the

time, it will be better next week." They do not feature, they do nothing out of the ordinary to encourage trade, but simply wait for it to come along. In these days of modern storekeeping, men must be up to the times. It is the bright attractive store that with its elaborate display of seasonable plants and flowers, calls, Halt! to the passerby and compels him to at least take a look and impresses on his mind that here is an up-to-date flower shop, where should he want anything of the kind he would be very likely to find it. He may even think it worth while to go inside, and quite likely comes out with a package or has left an order and becomes a customer, all entirely due to the progressive efforts of the man wide awake to his opportunities.

Tradescantia Baskets.

The tradescantia is worth much more attention than is usually given this pretty pendant vine. Its growth is very rapid, and there are many places about the greenhouse, such as along the edge of a table, where a row of pots may be placed without interfering with the other stock and where these vines will grow without becoming tangled. When placed in mossed wire baskets, they make a beautiful ornament for house window decorations. A six or eight-inch pan, filled and grown on a slender pedestal, is soon saleable with its vigorous bushy trailing greenery. If kept pinched they make a nice centerpiece for the table. As a present for a child, half cocoonut shells or gourds, filled with tradescantia are good stock and also make attractive store window ornaments.

K.

CHRYSANTHEMUMS

Fall Care.

The chrysanthemum season is now opening up; the very early varieties are already being displayed in the retail stores, and at the greenhouses many of the other varieties are fast unfolding their petals so that by the time these notes get into print there ought to be a good supply of blooms to meet the demand. Owing to the terrific heat during the summer, it has been a trying season for the grower to keep his plants in a first-class growing condition, and he now finds many of the varieties maturing several days later in comparison to other years. These beautiful Indian summer days are altogether too warm for the best development of chrysanthemum blooms and it is important that the greatest care be exercised to guard against the spotting or damping of the petals. An over abundance of moisture at the plants' roots, together with wet conditions about the houses, are among the principal causes of spotted petals. The plants should be given waterings as they need them, but be sure the soil is dry enough to require it before watering. When it is necessary to do so, it should be done before noon so that the house will be well dried up before night, and rather than water in the afternoon it is best to let the beds go over a little on the dry side until the next morning.

Airing the houses is another very important matter to consider. It is impossible to develop fine flowers with good texture in the petals, under close, high temperature conditions. We may expect bad weather, sometimes accompanied with fog, which is very hard on the blooms. At such times allow the ventilators to remain open at a crack and turn on a pipe of steam to keep the atmosphere as dry as possible. Warm, close conditions also quickly develop mildew, especially on the pompon and single varieties, and when once these plants get affected with the mildew, it spreads rapidly, and should it make its appearance, do not delay the checking of it. The best means which we have found for this purpose is to dust the plants finely with grape dust, blown on with a small bellows.

Every means should be taken to keep the plants free from aphids, which sometimes are very troublesome on the expanding buds. While the buds are still small they can be sprayed with the insecticide, but after the petals begin to unfurl the insects must be kept in check by fumigating or painting one of the steampipes with the insecticide. Choose a still, cool night when it is necessary to use a little steam and remember that it is safest and best to do any fumigating lightly as a preventive than to wait until the plants become infested and have to resort to extreme measures to clean them up again.

As soon as the buds begin to show color, it is time to let well enough alone and dispense with the feeding, because after the buds have expanded enough to show the color of the petals, feeding the plants with liquid fertilizer will not help the blooms any and it may do them a great deal of harm; overfed blooms are poor keepers and of little value to ship.

As soon as the weather becomes cold enough to allow for steady firing each night, it means a changed condition all round for the plants. A steady temperature, both night and day, can then be maintained so that the blooms will develop gradually; from 46 to 50 degrees at night, with a rise to 52-54 in the daytime on cloudy, cold days, with a crack of ventilation on both day and night to keep up a free circulation of fresh air, is what the blooms need for their best development, guarding at all times against strong, cold draughts.

The pompon and single varieties being grown several sprays to a plant are now fast budding up and will be greatly benefited by an occasional



W. F. Therkindson.

watering with liquid manure, being careful not to have the material too strong or apply when the soil is very dry. Be sure these plants are properly supported so that the sprays can be developed without becoming crooked or damaged. A little disbudding greatly improves the spray, but do not carry the disbudding to the extreme or the greatest beauty of a spray of pompons will be lost.

Cutting, packing and shipping the large blooms will form a very important part of the work from now until the end of the season, and is a place where a great many growers fall down. After giving close attention to the growing of the crop, it seems a great pity to only partly reap the benefit through loose and faulty methods of packing and getting the blooms to market. For commercial purposes the blooms should be cut just before they are fully matured and allowed to stand in water in a cool, dark place 12 to 24 hours before being packed. The best boxes are ones that can be easily handled by one man; when they are extra large, needing more than one man to handle them, the expressmen generally give them pretty rough treatment. The corrugated boxes, 24x60 x12 inches deep, are being largely used for shipping and answer the purpose very well for short distances, but when the shipment has to go a long way wooden boxes of the same size are the best. Line up the boxes with news-

papers according to the weather conditions, using double sheets of tissue next to the blooms. First make a pillow roll of tissue paper filled with excelsior to lay the first row of blooms on, then start from one end of the box with the stems toward the center. After four rows have been put in, start in the same manner from the other end putting in four rows, then follow this up with some more rows from the other end with the stems toward the center all the time until the box is nicely filled, then secure them in by fastening with a cleat across the stems at the center of the box. Fasten the lid on securely, but do not nail more than is necessary, it being best to cord up well for easy handling instead of using too many nails.

The pot plants of chrysanthemums, whether in market or exhibition sizes, will need plenty of room and constant care to bring them to their best. They are now in vigorous growth, well budded up, and the first consideration is to see that they have sufficient supports to allow for them to be properly handled and to form even, uniform specimens. The wire rings or other supports, should be put on now so that the plants will have plenty of time to shape themselves before their flowers develop. These plants require lots of water and must not suffer for the want of it. They are also greatly benefited by application of liquid manure once or twice a week. Keep the temperature of the houses cool at all times, giving plenty of fresh air, and pay particular attention to keeping the plants free of insects.

C. W. JOHNSON.

W. F. Therkindson.

We have received the following with regard to W. F. Therkindson, the well known advertising manager of W. Atlee Burpee & Co., from John B. Geraghty, chairman publicity committee, Philadelphia Salesmanship Club.

"Some men are born great, some achieve greatness and some have greatness thrust upon them."

Mr. Shakespeare undoubtedly was thinking of none other than W. F. Therkindson, advertising manager for W. Atlee Burpee & Co., when he penned those immortal words:

It is hard to believe—but it is true—that one man could achieve the greatness in five days that fell to the lot of W. F. Therkindson. This is what happened to him between Friday, October 13, and Wednesday, October 18—

First of all, he was unanimously elected secretary of the Poor Richard Club, the organization that has taken the lead in Philadelphia clubdom since it put over the convention of the Associated Advertising Clubs of the World, last June.

Then he was elected a director of the Ohio Society of Philadelphia, an organization of high type Philadelphians, who were born in, or lived in the Buckeye state for a long while.

Then he was elected a trustee of the Philadelphia Salesmanship Club, a new organization whose membership will be 2,000 before Christmas.

Then he was chosen to sit with a group of 40 of the city's leaders to consider plans for advertising Philadelphia, and from that group of 40 he was chosen to be one of seven men to consider plans for holding a World's

fair in 1926 to mark the sesqui-centennial of the signing of the Declaration of Independence.

Then he was called in by the Pennsylvania Horticultural Society to help stage the chrysanthemum show on November 7.

And still he has time to sell the products of the world's largest mail-order seed house.

a chance to get in his work without danger to himself.

In the trial ground here, where all new sorts are given a chance to show their good qualities, the beds looked fair, but in common with other growers not up to the standard of other years. They lacked for no attention, but this was not their year and they just had to make the best of it.

commencing in July from plants set out in May and from successive plantings until frost.

Queen of the Market is the best early, then followed the Royal Early Branching. Crego's Giant is the mid-summer sort, while the Semple family filled in the balance of the season. Carlson's, Vick's, Invincible or other named late branching types, are all similar to the Semples. Peerless Pink is an improvement on Mary Semple, being a little brighter and more perfectly formed. The King asters are also a very good type.

Mr. Kerr recommends the single varieties as being very attractive and especially useful in cut flower work, the long, slender stems and many shades of coloring and the daisy-like formation of the flower being, to him, very artistic. Bordeaux mixture will help fungus or stem rot, but the main thing is to keep down the ravages of the tarnished bug, which was the cause of most of the evil, for then, with robust growth, there would be no yellows, no root aphid or stem rot.

K.

Lancaster, Pa. and Environs.

The most productive county in the United States is that of Lancaster, Pa., when we consider the thousands of such sections which make up the various states of the union. To hold this high honor is indeed something of which its body of citizens is justly proud. Corn, wheat and tobacco, the latter being an important product here, are the principle crops. It also stands well to the front in the flower growing industry, there being a number of quite large greenhouse establishments and many other smaller, but equally well managed places.

The city of Lancaster, the county seat, is a live, progressive town, with a very good street car and suburban service, every section of the county being connected with fast trolley lines. A number of well conducted retail flower shops, situated principally in the retail section, are seen, nicely stocked with plants and flowers. The B. F. Barr Co., on Queen street, right in the heart of the retail district, has a very up-to-date store with a greenhouse in the rear filled with choice stock. All the



ASTER TRIALS AT BURPEE'S FORDHOOK FARMS.

The Aster Problem.

The cut flower market of this summer has been anything but satisfactory, mainly on account of the failure of the aster crop, which has always in recent years been a great factor in the August and early September months. This season the report from all over the country is that the outside aster has, for some reason, failed to grow and flower, there being but few growers who obtained half, or in many cases, not enough of a crop to pay for the seed.

George W. Kerr, of W. Atlee Burpee & Co.'s force, at Fordhook Farms, Doylestown, Pa., where the aster has been a specialty for years, and who is an expert in this plant, is unable to account for this universal failure, other than that the weather conditions of last spring and early summer, when there was such an excess of rain, was more than the aster could stand and weakened or made the growth so soft that they were easily the prey of the tarnished bug and the root aphid. The tarnished bug, he considers, the worst enemy. It is a small, lively, sucking insect that lodges in the center of the main shoot or stem of the aster and appears to take the life and vigor and stunt the growth so that the foliage turns yellow and the sickly plant is then a victim to all plant enemies. He combats this with ordinary kerosene emulsion and to each gallon adds a teaspoonful of arsenate of lead. This is given once each week after the plants have been set out until the plants are in full flower. It is done with a knapsack sprayer, a man of ordinary intelligence soon getting to do the work satisfactorily. This method did not work nearly as well the present season on account of the frequent rains, which he thinks washed the solution off almost at once and gave the bug

There were a few of the black beetle and these, Mr. Kerr said, were overcome by knocking them off into a flat pan of kerosene; it is tedious work, but seems to be the only sure way. Ducks and chickens will pick them off, but are also known to do other things not so meritorious.

Regarding cultural conditions, the soil should be well manured and also given a good limeing, as this sweetens it and helps to keep down insects. This should be done two weeks before planting. To get early asters, sow seed in hot beds, then transplant to other frames and then lift with ball of earth to field. Later sowings will keep up a continuous crop, cutting



ASTERS IN BURPEE & CO.'S TRIAL GROUNDS.

latest flower bowls and other bric-a-brac are tastefully displayed on small tables in the front of the store. A large counter refrigerator is also a very useful and showy fixture. The show window is nicely decorated with chrysanthemums and Japanese umbrellas. "Barr's since 1892," is one of its slogans.

W. A. Hammond, on West Orange street, has a very neat store. A lot of nicely made funeral clusters were seen at the time of our visit ready for delivery. Wedding work is also a specialty. Business was said to be very good.

Harry A. Shroyer's business dates from 1862, when it was founded by his father. His store on Duke street is well equipped for present day demands, being nicely stocked with plants and cut flowers. Mr. Shroyer is treasurer of the school board and all school tax details are handled by him in an office in the rear.

The Rose Shop, on Pennsylvania square, is the latest comer. Its white enameled interior is very interesting. A handsome ice box or flower case is kept well stocked. Florists' chinaware, vases and flower bowls are nicely displayed. There are several large cases for ribbons and cut flower baskets, of which quite a stock is carried. A commodious work room in the rear is partially screened by a white arched lattice.

Mrs. George G. Goldback, on Duke street, has an old-established stand, which has a very business like looking front.

The Rosary Shop, under the Stevens hotel, is one of the recent bidders for trade, being opened last season. The windows are attractive with ferns, roses and cut flowers.

B. F. Barr & Co.'s greenhouses on Columbia avenue, in the suburbs, are quite extensive, some 50,000 feet, all the stock of which is sold in the city store. Considerable building has been going on here all summer; one house, 40x100 feet and three, each 30x100 feet. Several of these were filled with roses. Intensive culture is pursued here, several houses of chrysanthemums being followed as fast as cut out with sweet peas from pots now in frames outside. Mr. Barr reports he gets quicker results in this way than from seed sown in the houses, only the stock must not be allowed to get pot-bound. A great variety of plants are grown here and all looked very well.

A very neat and orderly place is that of Henry D. Rohrer on East King street. Carnations, principally Enchantress Supreme and White Perfection, filled a large ridge and furrow house 200 feet square. Although in ground beds with cement borders and some distance from the glass, they looked very good. Bonnaffon chrysanthemums are a feature—house after house of this variety alone, anyone who thinks old "Bonny" is going back, had better see the stock here first. Such a large quantity has never been done better. Another specialty is *Primula malacoides*, grown by the thousands in four-inch pots and sold in flower in January and February. Sweet peas fill several high houses; they were a good crop last season. A novelty was a house of forget-me-nots which cut freely from February on. Owing to failing health, H. D. Rohrer has given over the management of the houses to his son, Harry K. Rohrer, who is certainly well versed in the business.

MANSFIELD, O.—Stuhldreher Bros., who operate 40,000 feet of glass, will open a retail store on West Fourth street, under the management of Alex C. Gardiner.

Indiana-Kentucky Florists' Joint Meeting.

As announced in our last issue the joint meeting of the State Florists' Association of Indiana and the Society of Kentucky Florists held at New Albany, Ind., and Louisville, Ky., October 17-18, was a most successful affair. It being the regular meeting of the Indiana association the business session was conducted by that organization. A feature of much interest was the report of the advisory committee of the Purdue University experiment station, dealing with the problem of pests that affect florists' crops in Indiana, for which President Vesey, acting for the association, thanked the committee. Earl Mann, of Richmond, Ind., announced that the next meeting of the Indiana association would be held at the E. G. Hill Co.'s establishment, Richmond, November 2, and extended a cordial invitation to the Kentucky florists to attend.

Among those in attendance were the following:

J. L. Able, Louisville, Ky.
Mrs. J. L. Able, Louisville, Ky.
A. F. Aebersold, New Albany, Ind.
M. A. Barick, Seymour, Ind.
Lynn Barnaby, Columbus, Ind.
August R. Baumer, Louisville, Ky.
H. J. Baur, Indianapolis, Ind.
E. F. Bettman, New Albany, Ind.
J. D. Bettman, New Albany, Ind.
Mrs. J. D. Bettman, New Albany, Ind.
Wm. H. Bettman, New Albany, Ind.
Geo. H. Blackman, Evansville, Ind.
Mrs. Geo. H. Blackman, Evansville, Ind.
C. Blair, Louisville, Ky.
S. H. Blankenbaker, Jeffersonton, Ky.
Lawrence Bryant, New Albany, Ind.
Thomas Christiansen, New Albany, Ind.
L. A. Coles, Kokomo, Ind.
W. W. Coles, Kokomo, Ind.
Mrs. W. W. Coles, Kokomo, Ind.
W. C. Curry, Louisville, Ky.
John Eitel, Greencastle, Ind.
Len Elder, Indianapolis, Ind.
Robert Ellis, Indianapolis, Ind.
John Elsner, Indianapolis, Ind.
Henry Fuchs, Louisville, Ky.

Miss Jensen, Louisville, Ky.
H. Junge, Indianapolis, Ind.
Louis Kirche, Louisville, Ky.
Alida Kleinstark, Louisville, Ky.
Miss Emma Kleinstark, Louisville, Ky.
H. Kleinstark, Louisville, Ky.
Mrs. H. Kleinstark, Louisville, Ky.
H. Kleinstark, Jr., Louisville, Ky.
Mrs. H. Kleinstark, Jr., Louisville, Ky.
Wm. L. Korb, Louisville, Ky.
E. W. Kunzleman, New Albany, Ind.
W. C. Kunzleman, Greensburg, Ind.
Fred H. Lemon, Richmond, Ind.
J. F. Link, Louisville, Ky.
M. Mann, Louisville, Ky.
E. H. Mann, Richmond, Ind.
Rosa Mann, Louisville, Ky.
Wm. Mann, Louisville, Ky.
Mrs. J. E. Marrett, Louisville, Ky.
M. E. Marrett, Louisville, Ky.
V. Mathias, Louisville, Ky.
Chas. Mathias, Louisville, Ky.
Miss Nellie Melmer, New Albany, Ind.
Miss Emma Miller, New Albany, Ind.
G. Robert Miller, Louisville, Ky.
Mrs. R. Miller, Louisville, Ky.
Jas. Molek, Jeffersonville, Ind.
C. A. Morgan, Henderson, Ky.
Frank L. Morris, Bloomington, Ind.
M. F. Morris, Bloomington, Ind.
Robert Newcomb, Chicago.
Lewis G. Pleiss, New Albany, Ind.
Mrs. L. G. Pleiss, New Albany, Ind.
Mrs. Carrie Quarles, Louisville, Ky.
W. W. Randall, Chicago.
A. Rasmussen, New Albany, Ind.
Mrs. A. Rasmussen, New Albany, Ind.
George Rasmussen, New Albany, Ind.
Mrs. George Rasmussen, New Albany, Ind.
E. G. Reimers, Louisville, Ky.
Mrs. E. G. Reimers, Louisville, Ky.
M. A. Reimers, Louisville, Ky.
Mrs. Barbara Rice, Louisville, Ky.
H. W. Riemann, Indianapolis, Ind.
Wm. F. Ropke, Indianapolis, Ind.
V. I. Saffro, Louisville, Ky.
Chas. B. Sayre, LaFayette, Ind.
F. A. Schrieber, Indianapolis, Ind.
Geo. E. Schulz, Louisville, Ky.
Jacob Schulz, Louisville, Ky.
W. E. Scott, Louisville, Ky.
Miss Mary Sheedy, Louisville, Ky.
Leo C. Sheppard, Columbus, Ind.
E. J. Smith, Marion, Ind.
H. T. Snyder, Louisville, Ky.
K. P. Snyder, Louisville, Ky.
S. O. Snyder, Louisville, Ky.
Mrs. J. B. Steussey, Louisville, Ky.
J. E. Stuart, Anderson, Ind.
J. S. Stuart, Anderson, Ind.



GLADIOLUS SEEDLINGS IN BURPEE & CO.'S TRIAL GROUNDS.

Wm. H. Gardener, Richmond, Ind.
G. E. Gause, Richmond, Ind.
John Grande, Indianapolis, Ind.
L. Gueltig, New Albany, Ind.
Mrs. L. Gueltig, New Albany, Ind.
James Guthrie, New Albany, Ind.
John S. Guthrie, New Albany, Ind.
E. P. Hall, Shelbyville, Ky.
John Hartje, Indianapolis, Ind.
Fred Haupt, Louisville, Ky.
Mrs. Fred Haupt, Louisville, Ky.
A. Heitz, Louisville, Ky.
Jos. H. Hill, Richmond, Ind.
J. E. Hitz, Franklin, Ind.
A. Hoffman, La Grange, Ky.
Mrs. Rosa Hoffman, La Grange, Ky.
O. S. Honaker, Lexington, Ky.
Warren Huckleberry, North Vernon, Ind.

O. E. Steinkamp, Indianapolis, Ind.
Mrs. Clara Steussey, Louisville, Ky.
D. L. Swift, New Albany, Ind.
Miss Itasca Swift, New Albany, Ind.
C. C. Taylor, Louisville, Ky.
E. E. Temperley, Indianapolis, Ind.
C. C. Thomas, Indianapolis, Ind.
J. G. Turner, Rushville, Ind.
Mrs. L. A. Unclebach, Louisville, Ky.
W. J. Vesey, Jr., Ft. Wayne, Ind.
H. G. Walker, Louisville, Ky.
David J. Walker, Louisville, Ky.
Mrs. S. S. Walker, Louisville, Ky.
Wm. G. Walker, Louisville, Ky.
Emil Walther, Louisville, Ky.
Edgar Weber, Terre Haute, Ind.
Homer Wiegand, Indianapolis, Ind.
J. H. Young, Casey, Ill.

New York Notes.

Frank L. Deery, who for a number of years has been with Thos. F. Galvin, Inc., Boston, and this city, and who for some time past has been manager of the New York store, has accepted a position with J. H. Small & Sons, Madison avenue and 52nd street. He is a capable designer and decorator as well as a clever salesman.

H. E. Froment is now receiving from L. B. Coddington, Murray Hill, N. J., fine stock of the roses, Lady Alice Stanley, Prima Donna, Ophelia, J. L. Mock, Hadley, Hoosier Beauty, Sunburst, Mrs. Geo. Sawyer, Cleveland, and Mrs. Aaron Ward. We have particularly noticed the Lady Stanley and Prima Donna.

Calling, recently, at the range of the Dailedouze Brothers, Flatbush, we found fine stock of roses, chrysanthemums and carnations. Particularly noteworthy are their Francis Scott Key, Ophelia and Mignon roses. It is unnecessary to enlarge on their carnation growing as they are past masters in that line.

W. J. Boyd, of Rochester, N. Y., who, for about two years has been foreman of the D. Y. Mellis range, near Holy Cross Cemetery, Brooklyn, has resigned the position and is open to an engagement. His home is at 169 Milburn street, Rochester.

John B. Nugent of Young & Nugent, is exhibiting with considerable satisfaction a silver cup, won at the recent dahlia show for a very artistic arrangement of dahlias, which was mentioned in our report of the show.

John J. Coan is receiving the best Paper White narcissus we have yet seen on the market. He is also receiving fine stock of the pink chrysanthemum, Chieftain, which wholesales at \$4 per dozen.

Johnson & Millang, Inc., have recently received large shipments of nursery stock, part of it from Holland. As will be elsewhere noted, their auction days are now Mondays and Thursdays.

J. B. Henry, who for a number of years has been a grower at Richmond, Staten Island, has, we learn, disposed of his property to a real estate firm and gone out of business.

In the Pierson department of the New York Cut Flower Co., on October 18, we met Frank Myers, of Chestnut Hill, Pa. It's a great place to meet prominent people.

For some months good sweet peas have been very scarce articles in this market, but the Henshaw Floral Co. is now receiving excellent stock.

J. S. Willoughby, a son-in-law of Thomas F. Galvin, is now manager of their store at Fifth avenue and 46th street.

John Scheepers will lecture before the International Garden Club, October 31, his subject being, "Tulips."

A. F. F.

Columbus.

CHRYSANTHEMUMS TAKE LEAD.

Loose flowers of all kinds are good sale, the demand being particularly strong on chrysanthemums, as displays grow more profuse and beautiful. Chrysanthemum prices range from \$1.50 to \$4 per dozen, with prospects of a drop, owing to increasing abundance with which they are coming in, and the large crop to draw from. Among the prime favorites are Marigold and the Oconto. Pompons are just making their appearance and bring from 75 cents to \$1. Carnations are still in limited supply at 75 cents a dozen, but are not very enticing in quality, stems being still short of standard. A threatened glut in roses under heavy chrysanthemum buying has been held off so far, but prices

show a tendency to soften. An exception is American Beauty, which is rather scarce. Local growers have about abandoned this rose, and persistent effort is made to substitute newer varieties with the public. Corsage flowers are short of the trade's needs. There is a dearth of lily of the valley and sweet peas are not in as yet. Last week saw the first showing of violets. They are choice stock and sell for 50 cents a bunch. Less interest is being taken in the bulb trade than usual. Receipts of imported varieties have been erratic, some being still overdue, and the department and five-and-ten-cent stores have brought about a more or less ruinous competition.

Virick, the State street florist, has an attractive Hallowe'en window, the space being filled with articles foreign to the flower trade, with an imitation human skeleton, reduced size, as one of the eye-catchers. J.



The Late Thomas Franks.

Kansas City, Mo.

STOCK GOOD AND PRICES FIRM.*

A cold snap last week, which started with rain and ended with snow, with a temperature of 26 degrees above zero, put outdoor stock out of business. Demand was steady, however, with an increase in orders for decorations. Cut flower stock is limited to roses and chrysanthemums, the latter becoming more plentiful. The quality is good and prices are firm. Lily of the valley is plentiful and good.

NOTES.

T. J. Noll & Co. report shipping trade exceptionally good. They are handling fancy stock in Russell, Milady, Killarney, Ophelia and American Beauty roses as well as chrysanthemums.

Forest Hill Cemetery is getting the houses into good shape and is cutting good white and yellow chrysanthemums.

W. J. Barnes is making heavy cuts of chrysanthemums and reports good demand for funeral work.

H. Kusik & Co. report A1 trade, with stock of all kinds moving fast.

E. J. B.

HICKMAN MILLS, Mo.—Wright & Ragan are erecting two houses, each 27x200 feet.

MANASQUAN, N. J.—The range formerly conducted by Mrs. Emma Paterson has been purchased by A. G. Freer.

OBITUARY.

Thomas Franks.

Thomas Franks, founder of the well-known florist firm of Thomas Franks & Son of Champaign, Ill., and the first gardener at the University of Illinois, died at the home of his sister in that city, October 18, aged 72 years. He had not been in good health for five years and his death was attributed to premature old age.

Mr. Franks was born in Westbury, Eng., and came to America at the age of 21, first landing in Quebec, going from that city to Hamilton and Ancaster, Canada, where he remained for about three years, after which he removed to Chicago, and was employed in that city for several months on park work at the time Lincoln park was laid out. While thus engaged he was highly recommended for the position of gardener at the University of Illinois, to which he was appointed, and while there laid out the grounds and superintended the tree planting.

In 1871, Mr. Franks purchased property in Champaign and erected the first greenhouse in the county. The business prospered, and aided by his son, Geo. B. Franks, who was admitted to partnership, when he became of age, the firm has grown to extensive proportions.

Thomas Franks was a charter member of the Society of American Florists, having attended the meeting of the society at Cincinnati, O., in 1885. For a number of years he was quite active in the organization. He at one time held the office of park commissioner at Champaign and was a member of the Elks.

As early as 1894, Mr. Franks was a contributor to THE AMERICAN FLORIST, among his articles being the description of a single pipe system of steam heating, which he had installed at his establishment and which created much interest and brought forth numerous inquiries from others in the trade regarding method of installation.

The funeral was held October 20, with interment in the family lot in Woodlawn cemetery, many handsome floral tributes covering his last resting place.

Eben Eugene Rexford.

Eben Eugene Rexford, well known as a horticultural writer and poet, died at his home at Green Bay, Wis., October 18. Mr. Rexford is said to have been the author of "Silver Threads Among the Gold."

Wartime Plant Names.

The Horticultural Trade Journal of October 11 published at Burnley, England, has the following taken from the London Daily News:

"In a German nurseryman's catalogue, which came to me by devious routes, I find plants bearing names which should instantly qualify them for interment in the German empire, being still offered without apology or change. Mrs. J. S. Brunton holds her place among the delphiniums and there is a special paragraph of eulogistic recommendation of the geum, Mrs. Bradshaw. Among the roses the Marechal Neil and the Caroline Testout are listed, and even the Mrs. John Laing is recommended as fit and proper for the gardens of patriotic Germans. In British gardens, the Ulrich Brunner and the Frau Karl Druschki have been long since banished, or naturalized under names which sound more friendly to British ears."

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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Personal.

Prof. Frank A. Waugh, of the Massachusetts Agricultural College, Amherst, called on Chicago friends last week.

Denver.

On the evening of October 19 there was a very enjoyable little dinner party at C. A. Benson's at which J. A. Valentine, N. A. Benson, Emil Glauber, C. F. Maler, A. C. Bush, E. S. Kennedy, Carl Gross, Fred Hall and Ben Boldt were guests. Those present were given an opportunity to inspect and admire the handsome new home which was recently completed. Charlie explained to his guests that he was celebrating the end of his first 10 years in business for himself. He started with nothing, and now has a nice range of glass, an elegant home and a charming family, which all goes to show that the greenhouse business is not such a bad one after all when it is given proper attention.

RAFFIA exportation from England was prohibited in August.

ROSE MIDGE.—Daily fumigation for three weeks is said to be a certain remedy.

Chicago to Bloomington.

The fall flower show of the Illinois State Florists' Association will be held at the Coliseum, Bloomington, November 9-10. Treasurer Frank L. Washburn of the state organization advises that the Chicago & Alton gives the best service between that city and Chicago. The train schedule from Chicago to Bloomington is as follows:

Leave—	Due—
Chicago 9:00 A. M.	Bloomington 12:55 P. M.
Chicago 10:15 A. M.	Bloomington 1:20 P. M.
Chicago 12:01 P. M.	Bloomington 3:15 P. M.
Chicago 1:15 P. M.	Bloomington 5:15 P. M.
Chicago 6:30 P. M.	Bloomington 9:40 P. M.
Chicago 9:00 P. M.	Bloomington 12:55 A. M.
Chicago 10:20 P. M.	Bloomington 1:10 A. M.

The fare from Chicago to Bloomington is \$2.54, round trip \$5.08. This is the flat two-cent rate and there is no party or other reduced rate between these points. The train leaving the Union station at 10:15 a. m., Thursday, November 9, has been selected for the Chicago delegation and it is hoped our city and club will be well represented, the Bloomington show being the only one of importance in the state this year.

The regular meeting of the Chicago Florists' Club has been postponed to November 16, especially to permit members to attend the Bloomington exhibition and meeting of the state association.

Luncheon will be served at Bloomington, Thursday evening, November 9, at seven p. m.

MICHAEL BARKER,
Chairman Transportation Com.,
Chicago Florists' Club.

American Rose Society.

EXECUTIVE COMMITTEE MEETING.

A meeting of the executive committee of the American Rose Society was held at the Hotel Breslin, New York, on the afternoon of October 23, the following being present: S. S. Pennock, Philadelphia, president of the society; Louis J. Reuter, Westerly, R. I., vice-president; Harry O. May, Summit, N. J., treasurer; Wallace R. Pierson, Cromwell, Conn.; J. Horace McFarland, Harrisburg, Pa.; Admiral Aaron Ward, Roslyn, N. Y., and Fred Howard, Los Angeles, Calif.

There was an extended discussion on matters pertaining to the affairs of the society. A committee was appointed to work as representatives of the society on rose test gardens, to be established at Portland, Oregon, as follows: Jesse A. Currie, chairman; Albert J. Clarke, and Alfred Tucker, all of Portland. A committee was also appointed to report on rose gardens, outlining a form for reporting on the merits of roses in various test gardens, showing the qualities of different varieties at certain periods, committee to report at executive committee meeting in Philadelphia, in November. The committee follows: Admiral Aaron Ward, chairman; Louis J. Reuter and Wallace R. Pierson.

A committee was appointed to raise a guarantee fund, in case the society decides to hold a show in Philadelphia. This committee is requested to obtain guarantees from 50 firms, of \$100 each. The committee is composed

of: S. S. Pennock, Louis J. Reuter, Wallace R. Pierson, Wm. F. Gude, Washington, D. C.; Fred Burki, Pittsburgh, Pa.; Wm. J. Keimel, Elmhurst, Ill.; Herman Knoble, Cleveland, O.; H. G. Berning, St. Louis, Mo.; Philip Breitmeyer, Detroit, Mich.; Wm. J. Palmer, Buffalo, N. Y.; J. H. Dunlop, Toronto, Ont., and Harry O. May, Summit, N. J.

It was decided to hold the next executive meeting in Horticultural hall, Philadelphia, November 8, at 3 p. m., when reports of various committees will be received and a decision reached relating to an exhibition. Eight hundred dollars has already been pledged on the guarantee fund. All rose growers and others interested in horticulture are invited to meet with the executive committee of the society in Philadelphia, November 8, to consider the advisability of holding an exhibition in that city in March, 1917.

A. F. F.

Cleveland Fall Show.

Several new classes not on the premium list have been offered the past week. The first one is for non-commercial growers and reads: "For the best group of orchid plants in variety, to cover space three feet by eight feet. Accessories and greens allowed—First prize, \$50; second prize, \$25; third prize, \$10.

For commercial growers there is a special class offered for a vase of 50 American Beauties arranged for effect—First prize, \$50; second prize, \$30; third prize, \$20.

The real competition will center around the \$500 Corrigan cup. This is open for private growers only and calls for 36 chrysanthemum blooms, six varieties, six bloom each, to be staged in two vases, accessories allowed. Arrangement to be considered. The winner has to capture the cup three years for it to become his personal property. This cup was made by Tiffany of New York, and will be keenly fought for.

There are prizes for lilies, violets, lily of the valley, cyclamens and begonias. Send to M. A. Vinson, 402 Leader-News building, for information and premium list.

Frank A. Friedly is chairman of the show committee.

ELLA GRANT WILSON,
In Charge of Publicity.

Chrysanthemum Society of America.

The following additional special prizes are announced for the annual exhibition of the Chrysanthemum Society of America to be held in Philadelphia, Pa., November 8:

For best collection of American grown seedling chrysanthemums, not disseminated, one bloom each, not less than 20 varieties on short stems—First prize, \$15; second prize, \$10; offered by Wm. K. Harris, Philadelphia, Pa.

The schedule of premiums has been mailed to all C. S. A. members. Anyone else desiring a copy can have it by applying to David Rust, secretary Pennsylvania Horticultural Society, Horticultural hall, Broad street, below Locust, Philadelphia, Pa.

CHAS. W. JOHNSON, Sec'y.

Dallas Flower Show.

The fall flower show under the auspices of the Texas State Florists' Association, will be held at Dallas, November 15-17, 1916. At a meeting of the association held in that city October 10, it was announced that all arrangements were practically complete and a successful exhibition is assured.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.
For Plant Advs., See Ready Reference Section.
 Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situatio Wanted—By experienced American Beauty rose grower. Address
 Key 715, care American Florist.

Situation Wanted—Expert gardener seeks engagement on first-class estate. All references. Good wages expected in return for guaranteed results. Address
 Key 702, care American Florist.

Situation Wanted—By single man, age 27; 12 years' experience as gardener and florist; also decorator. Private place preferred. Best references, private and commercial. Address
 Key 689, care American Florist.

Situation Wanted—By expert carnation grower; long years' experience in scientific growing of carnations, roses and 'mums'; first-class propagator; middle age, temperate and good worker. Address
 Key 704, care American Florist.

Situation Wanted—As working foreman on big commercial place growing roses and carnations; life long experience and scientific practice; can handle men; sober and industrious; good references. Address
 Key 705, care American Florist.

Situation Wanted—Young man 26 married; thoroughly competent grower; carnations, chrysanthemums, pot plants, A 1 designer; reference as to character and ability.

EARLE FORTNEY,
 1026 Carleton St., Fairmont, West Va.

Situation Wanted—Designer with executive ability and experience in growing, desires responsible position; experience and credentials that assure results. Ohio preferred but will consider good proposition; young, married; a hustler. Address
 Key 710, care American Florist.

Situation Wanted—By Scandinavian, single, with over 20 years' experience in Scandinavia, England, Germany and America. Several years in charge of Greenhouses and Outside. Cut flower, forcing and propagating a specialty. Well up in care of parks. References are good. Address
 Key 717, care American Florist.

Situation Wanted—Horticulturist seeks engagement. Scientific and practical experience in raising vegetables in and out of doors; greenhouse management; bush fruits, tree surgery and cut flowers; good wages expected for guaranteed results on large scale; references, married, 32, one child. Address
 B., Box 35, Pomfret Center Conn.

Help Wanted—Saleslady and designer for large town, 50 miles from Chicago. \$12.00 per week to start. Address
 Key 000, care American Florist.

Help Wanted—Head gardener and outside vegetable grower; long time job to right man that can show results. Address
 COLEMAN, THE FLORIST, Sioux Falls, S. D.

Help Wanted—Two good rose growers for modern plant in Illinois; state wages, experience and enclose references in first letter. Address
 Key 693, care American Florist.

Help Wanted—A bright, educated young man, with a general knowledge of store work. Answer with references and wages expected in first letter.
 A. NEWELL,
 Grand at Tenth, Kansas City, Mo.

Help Wanted—Store man for our Grand Avenue Branch (800 N. Grand Ave.) Also saleslady—state full particulars in first letter.
 KOENIG FLORAL CO.,
 6471 Florissant Ave., St. Louis, Mo.

Help Wanted—Good salesman and designer for Chicago retail store. Must come well recommended.
 THE ROSERY FLORIST, 6772 N. Clark St.,
 Phone, Rogers Park 4447. Chicago.

Help Wanted—At once, good gardener, must have experience in planting and care of trees and shrubs. References.
 SWAIN NELSON & SONS' CO.,
 940 Marquette Bldg., Chicago.

Help Wanted—At once, a young man with technical knowledge of general nursery stock and experience in making quick planting plans. This position offers a good future. Address
 Key 687, care American Florist.

For Rent—Greenhouse for rent, 8,000 feet of glass, shed, living house. Rent, \$32.00 per month. Stock, \$400. 10 miles from Chicago loop.
 Key 691, care American Florist.

For Sale—Greenhouse and six-room residence, big lot; no competition; all closed up; owner old lady; \$1,200, small payment, long time on balance.
 C. P. WALDO, Chillicothe, Illinois.

For Sale—Chicago flower store on prominent north side street. Good opportunity for live florist.
 A. C. KOHLBRAND,
 174 North Wabash Avenue, Chicago.

For Sale—Established flower store in Loop. Long lease, low rent, owner cannot give attention to business. Small amount cash required. This is a gold mine for a live florist. Address
 Key 706, care American Florist.

For Sale—High class flower store, with small greenhouse; located near Chicago; doing good business; reason for selling, wish to retire; \$1000 cash, balance on reasonable terms. Address
 Key 708, care American Florist.

For Sale—Carnation support. "Common Sense," 3000 stakes and 9000 rings, \$16.00 per 1000. These supports have been used about two seasons and some are new. Cash.
 LA CROSSE FLORAL CO., La Crosse, Wis.

For Sale—Owing to the fact that my store in the Palmer House needs my personal attention, I will sell my new place in the Edgewater Beach Hotel, Chicago, to some responsible party at very reasonable terms. Big bargain for a live wire. Act quick.
 JOHN MANGEL,
 17 East Monroe St., Chicago, Ill.

For Sale—Old established florist business three greenhouses attached, \$2,500; nothing for good will; stock of plants, implements, horse, wagons, fixtures and supplies will invoice the amount; near hotels and large theatres, 15 minutes from loop.
 GEORGE C. WAGNER,
 3116 Indiana Ave., Chicago.

For Sale or Rent—Cheap: 7,000 feet of glass, planted to chrysanthemums, carnations and sweet peas. Houses are new, 60 miles from Spokane, Wash. Present owner does not understand business. Doing good business. Address
 Key 712, care American Florist.

For Sale—Greenhouse property, consisting of 25,000 feet of glass; modern construction; seven acres of good land; good buildings and improvements; a few hours out of Kansas City; excellent opportunity for wholesale opening to south-west; at present houses fully stocked and doing good wholesale and retail business; a bargain. For full particulars address
 Key 716, care American Florist.

FOR RENT

Greenhouse, 6,000 feet of glass; store, living rooms; all electric lighted. Or will sell on easy payments. Located in South Chicago. Apply to

OSCAR METZ,
 5525 Harper Ave., Chicago

FOR SALE

Bargain, 1914 Buick Six, self starter, equipped with electric light, etc. Good condition. Cost \$2,150 new.

Key 713,
 care American Florist.

HELP WANTED

A Salesman and Designer

Advertiser has an opening for a good live wire salesman and designer for a prosperous store near Chicago. Young honest fellow with proven ability preferred. Salary no object. We want the man. Key 714, care American Florist

Situation Wanted

Good all-around storeman. Expert salesman, designer and decorator. Chicago preferred. Address

Key 717, care American Florist.

Florists' Auto Truck For Sale.

Fine, newly painted, 1916 model, Studebaker 3-ton, panel body truck for florists' business. Equipped with electric starter and lights, heating system, sides lined shelving, and front partitioned. Has been in use but six months and is in fine running condition.

Special Auto Delivery Service,
 4835 Kenmore Ave., CHICAGO.

Situation Wanted

By an all-round practical man, with 18 years' experience in growing, designing, decorating and salesmanship; married and American-born. Address

Key 711, care American Florist.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
 440 S. Dearborn St., CHICAGO

NEW EDITION—Issued August, 1916.

TRADE DIRECTORY

Florists, Nurserymen and Seedsmen

OF THE

UNITED STATES AND CANADA.

Price \$3.00, Postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

The Florists' Supply House of America

BASKETS FOR THE DEBUTANTES

Handsome baskets of flowers are now first choice for the coming-out teas. We offer a splendid assortment of artistic shapes in duo-tone color effects.

Newly Imported Japanese Handle Baskets and Vases.

Very artistic. Especially suitable for Chrysanthemums.

Lace Bouquet Holders for colonial bouquets.

A full line of Chiffons, all colors.

Write for our new Fall Folder of Latest Novelties and up-to-date list of all that is best in Florists' Supplies.

H. BAYERSDORFER & CO.,
1129-1131 ARCH STREET, PHILADELPHIA, PA.

Indianapolis.

SEASONABLE STOCK IN GOOD SUPPLY.

We felt a touch of winter this week—the mercury dropped to 25 degrees and the wind blew a gale. At this time we had our first snowfall, October 20, which put an end to all outdoor stock. The chrysanthemum season is here at last and they are arriving in large quantities. An abundant supply of roses is on hand, most of the popular varieties being available at moderate prices and are in good demand. The sale and price of carnations holds up remarkably well, good blooms selling at three cents and fancies at 3½ cents. Other years at this time their prices ranged from one to two cents. Lilies sufficient to satisfy the demand are to be had at 10 to 12½ cents each. Orchids, lily of the valley and violets are getting fair attention, their prices being somewhat high. A few sweet peas were in the market this week. Snapdragons of good quality are to be had. Some inferior calendulas are also appearing. Smilax can now be had at 20 cents a string. Other greens are in good supply. The plant business has been good for the past week, those in best demand being Begonia Chatelaine, Jerusalem cherries, chrysanthemums and ferns.

JOINT MEETING.

A large gathering of Indiana and Kentucky florists assembled at the A. Rasmussen's establishment, New Albany, to attend the joint session held October 17-18. A fine buffet luncheon was spread in the service building, after which the joint session was held which, being the regular meeting of the Indiana association, was in their charge. Mr. Rasmussen gave a welcoming speech after which the minutes were read and approved. Edwin Morners of Shelbyville, Indiana, was elected to membership. The report of the advisory committee of Purdue University experiment station was very interesting and dealt with the problems and pests of Indiana florists. President Vesey, acting for the society, thanked the committee for their investigations. Mr. Taylor of the Kentucky Tobacco Products Co. extended an invitation to all to visit their

plant the following day. A. F. J. Baur read a paper on "False Economy" which was very profitable and interesting. August R. Baumer announced the programme for the following day, after which Earl Mann, of Richmond, invited the Kentucky club to attend the next regular meeting held November 2 at the E. G. Hill Co.'s establishment. After adjournment a group photograph of 130 persons was made.

NOTES.

The Claypool Hotel Floral Co. had a very attractive window last week—baskets of pompon chrysanthemums, roses and carnations, artistically arranged with a background of fancy decorative plants, interspersed with Frances Scott Key roses.

Clarence Green, of the Hensley Flower Shop, felt greatly gratified when the automobile that he decorated received the first prize out of 500 cars decorated for the Indiana Centennial Celebration of Henry County at New Castle.

The E. G. Hill Co. has employed Daniel O'Mara, and the E. A. Nelson Co. have now in their employ, Otto Rieman.

It is rumored that this city will soon have a new flower store on Washington street, controlled by outside interests.

The Tomlinson Hall flower market reports business good for the week, cut flowers becoming more plentiful.

The Pahud Floral Co. has been remodeling in order to have more room in which to carry on business.

Visitors: Emil Niednagel, of Evansville; W. W. Coles of Kokomo; Edwin Mornor of Shelbyville; Paul and Henry Dailledouze of New York; Mr. Smith of the Marion Floral Co., and Robert Newcomb of Chicago.

M. E. T.

NEW ORLEANS, LA.—Schuermann's Flower Shop is being remodeled for the coming holiday season.

Owosso, MICH.—Albert J. Cook, horticultural commissioner of California, died at the home of his son in this city recently, aged 74 years.

Rochester, N. Y.

BUSINESS SHOWS IMPROVEMENT.

Trade conditions continue to improve, counter sales especially gaining in volume. Chrysanthemums are arriving in great quantities but clean up nicely. Carnations are improving but are limited in supply, and prices are high. Roses are abundant—Nesbit, new this year, bids fair to become very popular. Pompons are just coming in and are great favorites.

NOTES.

The wedding of Clifford J. Keller, eldest son of J. M. Keller, and Miss Elizabeth Howard, was solemnized October 7 at the bride's home. The house was artistically decorated with American Beauties, white chrysanthemums and Boston ferns. The dining room was brilliant with Ward roses and yellow chrysanthemums. Mr. and Mrs. Keller left for a honeymoon of two weeks, after which they will reside in East Rochester.

Hugo Teufe has just completed a new greenhouse, 40x250 feet, the largest single house in this vicinity. It will be devoted to carnations and sweet peas. His chrysanthemums are very fine and include Chrysolora, Oconto, White Queen and Polly Rose. He is also growing some excellent primroses and cyclamen.

Edwin C. Kaelber has just returned from a business trip to New York, Tarrytown on the Hudson and Scarborough, N. Y. He has received a big shipment of pottery and artware vases and bowls.

H. E. Wilson had a fine display of Chrysolora chrysanthemums in tall vases, and contrasted with huge vases of white and lavender chrysanthemums.

Geo. T. Boucher had an excellent window display last week, a fine arrangement of plants being augmented by about 100 orchid blooms.

A little daughter, Mary Anna, has come to brighten the home of Jos. Werdein and wife. The trade extends congratulations.

F. J. Keller was a recent visitor to New York and Philadelphia on business. CHESTER.

Steamer Load of Bulbs AT AUCTION

Mammoth shipments offered each **TUESDAY** and **FRIDAY** at 10 o'clock a. m.

ALSO LOCAL CONSIGNMENTS OF

PALMS, FERNS, DRACAENAS, RUBBERS, ETC.

To be offered in lots to suit the large and small buyer. Send for Weekly Catalogue.

The MacNiff Horticultural Company

52 to 56 Vesey Street, NEW YORK

The Largest Horticultural Salesrooms in the World

Cleveland.

GOOD BUSINESS AND AMPLE SUPPLY.

The cut flower business on the local market has been very good the past two weeks, stock of all kinds being in sufficient supply for all requirements, with the possible exception of lily of the valley and Easter lilies. American Beauties in all sizes have been plentiful and the demand good. Rhea Reid, probably the best red rose now on the market, meets with a good call. Some very good Sunbursts arrive; also, Sawyer, Sweetheart and Baby Doll, Ward, Killarney, Mock and Kaiserin. The quality is uniformly excellent. Chrysanthemums now have the call and some very good white and yellow varieties come in daily. Small stock is more plentiful, and all is in good demand. Gladoli still arrive, as do dahlias, straw flowers and cosmos. Snapdragon is good stock, in pink, yellow and white. Wedding decorations are using Southern smilax in large quantities.

NOTES.

The Cleveland flower show, which takes place November 10-12 at the Hollenden hotel, promises to be an event of some importance from the present looks of things. Manager Vinson is advertising the event freely and promises a good show. A small admission fee of 25 cents will be charged to help defray expenses incurred, as the committee feels the public will pay this small sum to see a good exhibition. It is hoped the retailers will take more interest in the show and all help to make the display of table decorations, baskets, corsages, etc., one worthy of the florists of this city, who have a reputation of being a "live bunch." The entertainment committee will give a banquet at the Hollenden hotel, Saturday evening, November 11, and hopes all who can will attend. The competition for the Corrigan cup is very keen, and private growers are working hard to win this beautiful trophy, valued at \$500. Wm. Fisher, gardener for Harvey S. Firestone, Akron, O., won the cup last year. The chrysanthemum show, which takes place at the same time, will be worth the price of admission alone, as growers have some excellent stock, and other exhibits include violets, lily of the valley, calendulas, antirrhinums, etc. Come to the show, exhibit if you can, and don't forget to tell all your friends and customers about it.

The Claude Tyler Company and Asher M. Coe, both of North Olmstead, O., are cutting some exceptionally fine chrysanthemums for the local market.

The Cleveland Florists' Exchange will put on another Ford delivery car which will be ready in a few weeks.

Chris B. Knuth, of Euclid, O., is cutting a fine lot of Golden Glow chrysanthemums.

C. F. B.

Toledo, O.

BUSINESS AHEAD OF 1915.

Business here is still forging ahead of last year, and it is merely a question of being able to get enough good stock to supply the demand. Funeral work has been fairly plentiful, while the opening of the social season has created a demand for corsages.

CLUB MEETING.

The first fall meeting of the florists' club was held October 17 in the rooms of the Retail Merchants' Board and was very well attended by growers and retailers. The annual election of officers took place. George Bayer was re-elected president; Harry Heinel, vice-president, and J. L. Shiller, secretary-treasurer. An interesting discussion concerning the rising costs of doing business was a feature of the evening. The verdict seemed to be in regard to raising prices that outside competition to a great degree fixed the prices of the local growers. It was also decided not to have a flower show this fall.

NOTES.

Feniger's Flower Shop has a superb location on Adams street and is noted for two things: the finest store in the city and the largest and most attractive display windows. And Mr. Feniger does not hesitate to fill these windows with the finest products of the soil. This week he has a magnificent array of chrysanthemums of all sizes and colors, attractively displayed in handsome baskets. The interior of his store presents a bower of beauty. He doubtless has the largest stock of flowers in this city.

One of the most beautiful autumn windows to be seen in this city is that of Mrs. J. B. Freeman, Superior street florist. It is the work of Robert Blake, designer, who has a consistent habit of trimming Mrs. Freeman's large display window in an artistic and appealing manner. This particular window, while exceedingly simple, was beautiful enough to cause hundreds of passers-by to stop and admire it.

Schramm Bros., Cherry street florists, have remodeled their offices with a view to having more room to this essential end of the business. Their rapidly increasing patronage made this

Hydrangeas

	Per 100
4-inch.....	\$20.00
5-inch.....	30.00
6-inch.....	40.00



GERANIUMS

Prepare for the usual shortage of the best commercial varieties. Order now for November, December, January or February delivery of the following from 2-inch rose pots:

Poitvine,	Maryland,	Ricard,
Perkins,	S. A. Nutt,	Buchner,
E. G. Hill,	Alliance,	Thibaut,

\$22.50 per 1000 for all orders booked before November 10. At this price they are cheaper than rooted cuttings.

S. S. PENNOCK-MEEHAN COMPANY

PHILADELPHIA, 1608-1612 Ludlow St.
BALTIMORE, Franklin and St. Paul Sts.
WASHINGTON, D. C., 1216 H St., N. W.
NEW YORK, 117 W. 28th St.

Mention the American Florist when writing

improvement necessary. Frank M. Schramm has again been made director of decoration for the Ohio and Michigan land show at the Terminal building.

Many associates in the trade, and other friends, are mourning the untimely death of Miss Frieda Schlegel, assistant decorator for Miss Helen Patton, Madison street florist. Miss Schlegel was an able and conscientious young lady, and was extremely well liked in florist circles of this city. She was a victim of typhoid fever.

Metz & Bateman have now completed their new and entirely modern salesroom in the basement of the Ohio building beneath their store. This firm, though young, has made a truly wonderful progress and the new salesroom was absolutely necessary for their continued growth.

Harry Heinel, has been sending in some unusually fine roses but he has long enjoyed the reputation of being a better than ordinary grower of roses.
A. C. K.

AUSTIN, TEX.—Mrs. T. S. Hillyer, who recently opened an uptown store, reports excellent business.

Emphatically Yes!

When you ask us whether we make shipments promptly; whether our prices are right. Whether our goods have class. our answer is **EMPHATICALLY YES!**

CHRYSANTHEMUMS AND POMPONS

We are now offering the finest quality stock we ever had.

BIG CROP OF ROSES

Largest Assortment—Finest Quality.

Wild Smilax, Leucothoe, Mexican Ivy, Ferns
Farleyense, extra fancy, also Fancy Hybridum supplied on short notice.

CURRENT PRICE LIST—In Effect Now.

AMERICAN BEAUTIES.		Per doz.
Long	\$4.00 to \$5.00	
30-inch	3.00	
24-inch	2.50	
20-inch	2.00	
15 to 18-inch	1.50	
Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00.		
OPHELIA, RICHMOND, MILADY, SUNBURST,		
KILLARNEY BRILLIANT, KILLARNEY,		
WHITE KILLARNEY, WARD.		
Long	Per 100	\$8.00
Medium	\$4.00 to 6.00	
Short	3.00	
ROSES, good short—our selection. In lots of		
500 to 1,000, \$20.00 per 1,000.		

MRS. CHAS. RUSSELL.		Per 100
36 inches long	\$20.00	
30 inches long	18.00	
24 inches long	15.00	
13 to 20 inches long	12.00	
14 to 16 inches long	8.00	
Short	\$4.00 to 6.00	

MINIATURE ROSES.		Per 100
Cecile Brunner	\$2.00 to \$4.00	
Fireflame	2.00 to 4.00	
Baby Doll	per 100, 2.00	
George Elgar	per 100, 2.00	

FANCY CUT FERNS.		Per 100
Farleyense	\$8.00 to \$12.00	
Hybridum	1.50	
Adiantum .....	.75 to 1.00	

MISCELLANEOUS CUT FLOWERS.		Per 100
CHRYSANTHEMUMS, per doz., \$1.50 to \$4.00		
POMPONS, per bunch	\$1.50 to \$4.00	
CATTLEYAS	per doz., \$7.50 to \$9.00	
VALLEY	\$4.00, \$5.00, \$6.00	
CARNATIONS	\$3.00 to \$4.00	
Lilies	\$15.00	
Gypsophilla, \$1.00 per bunch.		

GREEN GOODS.

Mexican Ivy	\$0.75
Leucothoe sprays .....	.75
Sprengel and Asparagus Sprays	\$2.00 to 3.00
Galax (bronze and green)	per 1,000, \$1.50
New flat ferns	per 1,000, 2.00
Wild smilax	per case, 6.00
Boxwood	25c per bunch, per case, 7.50

SUPPLY DEPARTMENT

CORSAGE TIES

New and Novel.

VIOLET FIBRE PAPER

24-inch, per lb., 10 cents.

Listen To Reason

Immortelles

Ruscus

Magnolia Wreaths

Waxed Roses

Oak Leaves

Oak Sprays

Look for our Fall Circular mailed recently. If you don't get it, write for one.

Made-up Wreaths for All Saints' Day

50 Cents to \$1.00 Each. SATISFACTION GUARANTEED.

POEHLMAN

72-74 E. Randolph St.,

Kentias Western Kentias Headquarters

Largest and most complete stock offered in the West, in a healthy, strong and clean condition.

All previous prices quoted on Palms are hereby cancelled.

KENTIA FORSTERIANA SINGLE PLANTS.

	Leaves	Each
6 inch pots	5-6 28 inches high...	\$ 1.25
6 inch pots	6-7 32-34 inches high...	1.50
6 inch pots	6-7 34-36 inches high...	2.00
8 inch tubs	6-7 40-42 inches high...	3.50
8 inch tubs	6-7 42-46 inches high...	4.00
8 inch tubs	6-7 50 inches high...	5.00
9 inch tubs	6-7 52-56 inches high...	7.00
10 inch tubs	6-7 60 inches high...	8.00
10 inch tubs	6-7 60-65 inches high...	12.00
15 inch tubs	6-7 8 feet high...	40.00
15 inch tubs	6-7 9-10 feet high...	50.00

KENTIA BELMOREANA SINGLE PLANTS.

	Leaves	Each
2 1/4 inch pots	4 16-18 ins. high	\$1.50 per doz., \$12 per 100
4 inch pots	5-6 24 each	1.25
6 inch pots	5-6 28 each	1.50
8 inch tubs	5-6 42 each	5.00

Specimen plants, 15 inch tubs, \$75.00 each.



KENTIA FORSTERIANA MADE UP PLANTS.

Plants	Each
6 inch pots 3 26-28 inches high.....	\$ 2.00
7 inch tubs 3 30-32 inches high.....	2.50
8 inch tubs 3 38 inches high.....	4.00
8 inch tubs 4 48-50 inches high.....	5.00
9 inch tubs 4 52 inches high.....	6.00
10 inch tubs 4 54 inches high.....	8.00
12 inch tubs 4 60-64 inches high.....	12.00
12 inch tubs 4 66 inches high.....	15.00
15 inch tubs 4 6-6 1/2 ft. high, heavy..	25.00
15 inch tubs 4 75-80 inches high.....	30.00

ARECA LUTESCENS.

Plants	Each
6 inch pots 4 bushy, 24-26 inches high.	\$1.25

ASPIDISTRAS.

5 inch pots 10-12 leaves green	1.00
6 inch pots 16-20 leaves green	1.50
5 inch pots 10-12 leaves var.	1.50

10,000 POT CHRYSANTHEMUMS

Most magnificent supply in all the best leading varieties, some of which are ready for delivery now. Exceptionally fine stock and unusually good value. Order early.

5 1/2-in.-6-in., pots, 50c to 75c each; 7-in. pots, \$1.00 to \$1.50 each; larger specimens, \$2.00, \$3.00, \$4.00, \$5.00 each.

Araucaria Excelsa, 5 inch pot.....	Each. \$0.50 to \$0.60
" " 6 " " .....	.75 to 1.00
" " 7 " "	1.25 to 1.50
Araucaria Robusta Compacta, 6 inch pot....	1.25
" " 7 " "	2.00
Larger Specimens, \$3.00 to \$5.00 each.	
Pandanus Veitchii, 4 inch pot.....	\$0.35
" " 6 " " .....	.75 to 1.00
" " 7 " "	1.25
" " 8 " "	2.00
Crotons, 4 inch pot.....	.40
Rubber Plants, 5 inch pot.....	.50 to .75
Asparagus Sprengertii, 3 inch pots.....	Per 100 \$6.00
" " 4 " "	10.00
Asparagus Plumosus, 2 1/2 " "	3.50
" " 3 " "	7.00
Table Ferns, 2 1/2 " "	3.00
" " 3 " "	6.00
4 inch pots, \$10.00 per 100.	
Holly Ferns, 5 inch.....	Each. \$0.25
Coleus Emperor William, 5 inch.....	\$0.25 to .35
Begonia Luminosa, 5 inch.....	.20

Begonia Chatelaine, 2 1/4 inch.....	Per 100 \$ 3.50
" " 3 " "	8.00
" " 4 " "	15.00
For November and December Delivery. Each	
Begonia Cincinnati, 5 inch	\$0.75
" " 6 " "	\$1.00 to 1.25
" " 7 " "	1.50 to 2.00
Begonia Lorraine, 4 inch	\$0.30
Begonia Melior, 5 inch	\$0.75
" " 6 " "	\$1.00 to 1.25
" " 7 " "	1.25 to 2.00
Begonia Mrs. J. A. Peterson, 4 inch.....	\$0.50
Cyclamen For November and December Delivery. Per Doz.	
4 inch pot	\$4.20
5 " "	6.00
6 " "	9.00
7 " "	\$12.00, \$15.00, 13.00
Per 100	
Primula Obconica, 4 inch pot.....	\$15.00
Pepper Xmas, 5-6 inch pots, each.....	35c 50c 75c
" " 4 " "	15c 20c
Each	
Poinsettias, 6 inch pans	\$0.50
" " 7 " " .....	.75
" " 8 " "	\$1.00 to 1.50

BOXWOOD, 15-18-20 inches, 50c, 60c and 75c each.

AZALEAS FOR CHRISTMAS--Order Your Supply Now.

Orders Taken on Condition That Stock Arrives Safely.

Varieties—Mme. Petrick, Vervaneana, Petrick Superba, \$1.00, \$1.25, \$1.50, \$2.00, \$2.50, \$3.00, \$4.00, \$5.00, \$7.50.

A Nominal Charge is made for Packing.

N BROS. CO.

Long Distance Phone, **CHICAGO, ILL.**
Randolph 35.

CHRYSANTHEMUMS

Large White and Yellow Flowers, \$1.50 to \$3.00 per doz.; Pink, \$2.00 to \$3.00.

POMPONS—50 cents to 75 cents per bunch.

CHOICE SHIPPING ROSES

RUSSELLS—We are growing the finest Russells arriving in this market. All visitors to the greenhouses in the Chicago district say that our Russell are the best here.

We cut our flowers tight in the bud as the majority of our trade is shipping. Flowers that are sold mostly to the city trade are allowed to open more than for the shipping trade. The roses which we are receiving in large quantities direct from our greenhouses within a few hours of being cut, enable us to fill all orders with strictly fresh stock. This is the great advantage of buying direct of the grower. Order here.

CURRENT PRICE LIST

American Beauties	Per doz.
Specials, extra long stems.....	\$4.00
30 to 36-inch stems.....	3.00
Medium stems.....	\$1.50 to 2.50
Shorter lengths.....	.50 to 1.00

Hoosier Beauty, Rhea Reid, Ophelia, Sunburst, Shawyer.

	Per 100
Extra long	\$8.00 to \$10.00
Good medium.....	5.00 to 6.00
Short	4.00
Hoosier Beauty, special.....	\$12.00 per 100

Richmond, White and Pink Killarney Killarney Brilliant

	Per 100
Long.....	\$6.00
Medium.....	\$4.00 to 5.00
Short	3.00

ROSES, our selection, in lots of 300 or more at the rate of \$25.00 per 1000.

White, Pink and Yellow CHRYSANTHEMUMS—Yellow Pompoms

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN

LONG DISTANCE PHONE:
CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

CHRYSANTHEMUMS ARE MORE PLentiful.

Chrysanthemums are more plentiful this week but are selling well at good prices considering the large supply of stock offered. Golden Glow, Chrysolora, Bonnaffon, White and Yellow Touse, Robert Halliday and a large number of other varieties are on hand to select from and the quality of the local grown stock in some instances is unusually fine and in others it is below the average. Large quantities of chrysanthemums are being received regularly from California and it is a question whether the foreign growers will be able to compete with the home producers now that practically everyone is starting to cut more heavily. Pompoms have made their appearance in large numbers, particularly Zenobia, Astor, Fairy Queen and Buckingham. Some exceptionally grand American Beauty roses are obtainable in the longer stemmed grades which seem to clean up fairly well each day, although the prices realized might be much better. Mrs. Chas. Russell are of good quality but none too plentiful, which holds good for roses in general. Carnations

Chicago Flower Show

A FLORAL ART and NOVELTY DISPLAY

under the auspices of the

Chicago Florists' Club

will be held in the grand ball room of the

HOTEL LA SALLE

Sunday afternoon and evening

November 12, 1916

Admittance will be by invitation and preparations are being made to issue several thousands of the invitations to the trade and others interested.

Novelties in plants and flowers for this exhibition should be shipped by express in time to reach Chicago, **Saturday, Nov. 11**, all charges prepaid, addressed to

C. W. JOHNSON, Flower Show Manager,
Hotel La Salle, Chicago.

are steadily increasing in quantity but are still scarce and command high prices. Lilies are in short supply and so is lily of the valley, which is selling at higher figures than ever. Orchids are in good supply but the receipts of gardenias are scarcely large enough to meet the demand. Sweet peas are seen in larger numbers and some fine calepudulas, forget-me-nots, snapdragons and daisies are included in the daily receipts. Home-grown single and New York double violets are improving in quality but are not in very good demand. Trade is gradually improving and stock of all kinds is cleaning up well every day at good prices. Chrysanthemum and cyclamen plants are being featured in many of the retail stores and choice stock in these two items are seen. Greens of all kinds are in large supply and the first red winter berries of the season made their appearance this week.

NOTES.

The Weiss & Meyer Co., of Maywood, are cutting a good supply of fine American Beauty roses. They grow this variety exclusively and have about 35,000 plants, all told.

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

LARGE QUANTITIES

MUMS-CARNATIONS-POMPONS

Beauties, Russell, Sunburst, Ophelia, Champ Weiland, Killarney, White Killarney, Milady and other Roses mentioned in the price list below.

Fancy Lilies, Lily of the Valley, Complete Line of Greens

Current Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems	\$4.00
36 to 48-inch stems	3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.00
Short .....	.75

Richmond.....
Killarney.....
White Killarney.....
My Maryland.....
Sunburst.....
Ophelia.....
Milady.....
Champ Weiland.....

	Per 100
Extra select	\$8.00
Select	6.00
Medium	5.00
Short	4.00

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$2.00
Select	1.50
Medium	1.00
Short	\$.50 to .75

Per 100

Roses, our selection.....	\$ 3.00
Carnations	3.00
Chrysanthemums	per doz., 1.50 to 4.00
Pompoms	per bunch, .25 to .75
Harrisii	12.50 to 15.00
Valley	5.00 to 6.00
Adiantum	1.00
Asparagus, per bunch.....	.50 to .75
Ferns, per 1,000	\$2.00
Galax, bronze and green, per 1,000..	1.25

2,000,000 Feet of Modern Glass

Mention the American Florist when writing

The Chicago Flower Growers Association



182 North Wabash Avenue L. D. Phone Randolph 631

CHICAGO

EVERYTHING IN CUT FLOWERS IN LARGE SUPPLY.

Chrysanthemums, Roses, Violets, Lilies,
Carnations, Valley, Orchids, Greens, Etc.

Mention the American Florist when writing

Poehlmann Bros. Co. has a splendid supply of chrysanthemum pot plants ready for delivery in all the leading varieties and report a brisk demand for same. Some of the cyclamen are also ready and are moving rapidly. Tom Conlon, manager of the plant department, has everything looking fine for the fall trade and the stock at this establishment was never in such splendid condition as it is this season. He is making ready for the azaleas due to arrive at any moment and will insure the regular customers of their Christmas supply. August Poehlmann celebrated his forty-seventh birthday last Saturday, October 21, and looks as young as he ever used to be. Mr. Poehlmann says that his firm has placed an

White, Pink and Yellow 'Mums

FINE STOCK AT 10c EACH AND UP.

M. C. GUNTERBERG, 158 N. Wabash Ave., CHICAGO, ILL.

order for 5,000 Thenanthos carnation cuttings for January 1 delivery.

H. Van Gelder, president of the firm of Percy Jones, Inc., paid \$18,000 cash last week for a piece of property at the corner of Junior terrace and Clarendon avenue which he will improve this fall or next spring. His firm is showing a fine supply of stock of all kinds, particularly roses, carnations and chrysanthemums.

Peter Pearson, 5734 Gunnison street, will have a good supply of Dutch hyacinths in bloom for Christmas. The plants are now showing bud.

M. C. Gunterberg is supplying her trade with Bonnaffon, in addition to her many other offerings in chrysanthemums.

Miller & Musser's shipments now include a good supply of Michigan red winter berries.

Chrysanthemums

POMPONS--BEAUTIES ROSES--CARNATIONS

Highest quality obtainable in the Chicago market, and plenty for everyone at the prices quoted below. Send us a trial order today and you will never regret it. **Seeing is believing.**

Current Price List--Subject to Change Without Notice.

AMERICAN BEAUTIES.	Per doz.
Long stems	\$4.00
36-inch stems	3.50
30-inch stems	3.00
24-inch stems	2.50
18-inch stems	2.00
12-inch stems	\$1.00 to 1.50

White--KILLARNEY--Pink.	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00

RICHMOND	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00

OPHELIA.	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Good	3.00

SUNBURST.	Per 100
Extra Special	\$7.00
Select	6.00
Fancy	5.00
Good	3.00

GEORGE ELGAR	35c per bunch
ROSES, OUR SELECTION, \$3.00 PER 100.	Per 100
LILIES, Fancy	\$12.50 to \$15.00
Chrysanthemums, per dozen..	1.50 to 3.00
Carnations	\$3.00

Miscellaneous.	
Ferns, per 1,000	2.00 to 2.50
Smilax, per doz.	2.00
Adiantum	1.00
Sprenger, per bunch.....	.50
Asparagus Sprays, bunch.....	.50
Galax, bronze and green, per 1,000	1.25

Other Green Goods Market Rates.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

J. A. Budlong leased the corner store in the LeMoyné building early this week, consisting of 800 square feet of floor space, and has already taken possession. The new store adjoins the present L shaped Budlong quarters, consisting of 1600 square feet of floor space and all that is necessary to combine the two stores into one is the removal of the partitions, work on which has already started. After the alterations are completed the Budlong company will have one of the finest and best lighted wholesale stores in the great central cut flower market, with three entrances, two on North Wabash avenue and one on East Lake street. This firm's business has increased so rapidly of late that Manager Schupp was obliged to secure more space and was fortunate in being able to get it right next door, which was the only main floor store vacant in the LeMoyné building.

Felix Reichling says that carnations are in better crop with Peter Reinberg but that there is never any surplus in this item after the customers are all taken care of. Chrysanthemums and pompons are arriving in large quantities and clean up splendidly every day. Mrs. Reinberg was pretty busy last week entertaining Mrs. Woodrow Wilson while the president was making campaign speeches here.

The John C. Moninger Co. received an order from its New York office this week calling for three houses, 52x300 feet, for J. J. Fallon, Lynchburg, Va. The Moninger Co. has delivered the material for a new house to Sears-Roeback Co., which was ordered only last week and goes a long way to show what splendid service this concern is equipped to render. M. G. Kill of the Moninger sales force was married October 18.

The Alpha Floral Co. is making a fine showing of chrysanthemums and all other seasonable cut flowers at its loop store. Andrew Chronis says that trade is showing signs of improvement and is making a strong bid for the fall business by carrying a heavy and complete line of cut flowers on display at all times.

A. E. Hunt & Co. are cutting a good supply of sweet peas, daisies and calendulas. They specialize in daisies and have a fine stock of 2½-inch Chicago White and yellow Etoile D'Or plants ready for immediate delivery. Mr. Hunt says that they find these two varieties fill the bill best for cut flower purposes.

George V. Wienhoeber, 41 South Wabash avenue, has been in such unusually good humor of late that everyone has noticed it, but so far he has not told any of his friends it is because a brand new baby girl arrived at his home the other day.

Dick Rolston is in the employ of the Central Floral Co. at Detroit, Mich. This concern has a store in this city at 132 North State street, which Peter Duris so ably manages and is also doing business under the name of the Central Floral Co.

F. W. Haeger, who has been on the Texas border the greater part of the summer with the second regiment, Company F, is back home and is again attending to his duties in the plant department of the A. L. Randall Co.

The John Kruchten Co. is offering a large supply of Golden Glow chrysanthemums, which are just coming in crop with one of their growers, and marks the lateness of the chrysanthemum season in general.

Chris Pedersen, 58 East Randolph street, has been confined to his home with rheumatism for two months. His

sister, Mrs. Theodore Callos, is managing the store during his absence.

Andrew Benson, orchid collector for the Poehlmann Bros. Co., returned October 21 from the Philippines with large shipments of phalaenopsis and vandas in fine condition.

The Atlas Floral Co., 32 East Randolph street, has about completed the improvements to its store and will start decorating the interior as soon as conditions permit.

The Raedlein Basket Co., 713 Milwaukee avenue, is enjoying a busy season and reports trade as exceedingly brisk. Plant baskets especially are in heavy demand.

Miss Suzanne Leslie is doing nicely at her new store at 6 East Monroe street, opened last week, and which was formerly the location of the old Flower Market.

The Randolph Floral Co., 57 East Randolph street, has opened another store at 187 North State street, with Nic Mocasco in charge.

Lloyd E. Shirley, manager of the Garland Manufacturing Co., Des Plaines, made a business trip to Michigan last week.

D. E. Freres received his first consignment of pompons this week, but so far his shipments consist only of Zenobia.

J. E. Franke, 760 Milwaukee avenue, is back from a pleasant visit at his summer home at Thunder Lake, Michigan.

Philip L. McKee, of the American Greenhouse Manufacturing Co., visited at Milwaukee, Wis., October 20.

Hoerber Bros. are cutting from a splendid crop of White and Yellow Touset chrysanthemums.

E. C. Pruner, representing Poehlmann Bros. Co., is home from a trip.

QUALITY IS ECONOMY

The best way to prove it is to place your orders with a house that handles the **BEST STOCK** it is possible to produce and markets it at prices the average retailer can afford to pay us.

BEAUTIES-ROSES-ORCHIDS-VALLEY-LILIES 'MUMS-POMPONS-CARNATIONS-GREENS-Etc.

CURRENT PRICE LIST—Subject to Change Without Notice.

Beauties.	Per doz.
Long stems	\$3.00 to \$4.00
30 to 36-inch stems	2.50
20 to 24-inch stems	1.50 to 2.00
15 to 18-inch stems	1.00
12-inch stems .....	.75

Mrs. Chas. Russell.

	Per 100
Extra fancy	\$15.00 to \$20.00
Good medium	10.00 to 12.00
Good short	4.00 to 6.00

Roses.

Ophelia, fancy	\$5.00 to \$10.00
" good	5.00 to 6.00
" short	2.00 to 4.00
Killarney, fancy	8.00
" good	5.00 to 6.00
" short	2.00 to 4.00

	Per 100	\$
Richmond, fancy	8.00	8.00
" good	5.00 to 6.00	
" short	2.00 to 4.00	
White Killarney, fancy	8.00	
" good	5.00 to 6.00	
" short	2.00 to 4.00	
Ward, fancy	8.00	
" good	5.00 to 6.00	
" short	2.00 to 4.00	
Sunburst, fancy	8.00	
" good	5.00 to 6.00	
" short	2.00 to 4.00	
Killarney Brilliant, fancy	8.00	
" good	5.00 to 6.00	
" short	2.00 to 4.00	
Roses, our selection	3.00	

Carnations.

	Per 100
Special fancy	\$3.00
Good	\$1.50 to 2.00

Miscellaneous.

	Per 100
Easter Lilies, select	\$12.50 to \$15.00
Orchids, Cattleyas...per doz.	7.50
Vandas, fine large sprays, 25c per flower.	
Chrysanthemums.....per doz.	\$1.50 to \$4.00
Pompoms.....per bunch	.35 to .50
Violets, Home-Grown, Single.....	.75

Greens.

Asp. Plumosus.....per string,	\$0.50
Asp. Plumosus Sprays,bunch,	\$0.35 to .50
Sprengerl.....per bunch,	.35 to .50
Adiantum.....per 100,	1.00
Smilax, choice.....per doz.,	1.50 to 2.00
Fancy Ferns.....per 1,000,	2.00 to 2.50
Galax Leaves.....per 1,000,	1.25
Wild Smilax, per case.....	\$5.00
Boxwood, per lb., 25c; 50 lb. case	7.50

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave. Chicago

John Canger, Nick Lempares and Charles Stamalakos, of the John Mangel force, are back from a duck hunting trip to Lake Villa, Ind. The sight of the wood ducks and golden and silver pheasants in Mangel's windows was too much of a temptation to resist the call of the wild any longer, and nothing would satisfy them until they had spent a day in the blinds with the hope that they might accidentally bring down a few as the flocks crossed the wild rice district.

Bassett & Washburn will have a large exhibit of cut flowers at the fall flower show of the Illinois State Florists' Association to be held at Bloomington, November 9-10. Mr. Washburn is a big booster for the state society and is urging everyone to become a member and advises all the wholesalers to make an exhibit at the next meeting. No premiums will be awarded which should encourage a number of smaller growers to display their stock, who have never done so before.

A. L. Vaughan & Co. are featuring a large and most complete line of cut flowers, including a splendid supply of roses, especially American Beauties, and orchids. Their chrysanthemums and pompoms are fine and consist of all the leading varieties in both. Mr. Vaughan visited the H. W. Buckbee greenhouses at Rockford last week and found the stock in splendid condition, particularly the chrysanthemums, which are grown on a large scale each season.

Roses===Carnations===Chrysanthemums

Everything else in seasonable Cut Flowers and Greens.

Supplies For Fall Decorations

Natural Prepared Oak Sprays--Colored Ruscus
Magnolia Leaves--Baskets--Ribbons--Chiffons.

Write for our weekly wholesale cut flower price list.

O. A. & L. A. Tonner
30 E. Randolph Street, CHICAGO, ILL.
Phone, Central 6284.

Wieter Bros. are strong on chrysanthemums and pompoms this week and are cutting a magnificent supply of both, including extra fancy White and Yellow Touset. In pompoms they are cutting Zenobia, Astor, Vanderbilt, Buckingham and Fairy Queen. American Beauty roses of unsurpassed quality are included in the daily offering and are disposed of early at good prices.

L. A. Tonner, of O. A. & L. A. Tonner, is planning on making a business trip to Baconton, Georgia, where she and her sisters have extensive pecan orchards. She will be away about a week. This firm is supplying their trade with choice stock in all lines, including a good supply of snapdragons.

Zech & Mann's shipments of chrysanthemums now include fancy Chieftain, Early Snow, McNiece and Comoleta. Allie Zech says that business so far this month has been fine and that the sales are away ahead of the same period of last year.

A. T. Pyfer & Co. are finding that their enlarged quarters are coming in mighty handy right now and are using every foot of space to good advantage. Carnations are seen in good supply here and so are roses and chrysanthemums.

The Chicago Flower Growers' Association is handling a splendid supply of roses, carnations and chrysanthemums, in addition to a complete line of all other seasonable cut flowers.



Make it Pay Every Day

By placing your orders with

A. T. PYFER & Co.

Wholesale Florists

30 E. Randolph Street, CHICAGO, ILL.

Long Distance Telephone—Central 3373.

The fall flower show of the Illinois State Florists' Association will be held at the Coliseum, November 9-10. The train schedule from this city to Bloomington appears in this week's issue, page 764.

Miss Frances Ludlow is at her desk again in the flower seed department of Vaughan's Seed Store after an enjoyable trip through the east.

A. Henderson is now sole owner of A. Henderson & Co., having bought out the interests of A. Miller and G. M. Reburn last week.

Vaughan's Seed Store has taken in a carload of azalea plants this week.

Visitors: Eber Holmes, of W. A. Manda, Inc., South Orange, N. J.; George Hampton, representing Jos. G. Neidinger Co., Philadelphia, Pa.

Providence, R. I.

SUPPLY CLEANS UP WELL.

Conditions in the wholesale market continue satisfactory, and stock of all kinds cleans up well. October weather has much improved carnations, chrysanthemums and roses, while killing frost has practically destroyed the outside stock and there is an improved call for greenhouse flowers. Carnations still continue to sell well and all arrivals are quickly snapped up by the buyers. The present cooler weather is just what violets need, and there is a decided improvement in the quality of the flowers. Chrysanthemums are more plentiful. The varieties mostly in evidence are, Chrysolora, Unaka, Mrs. Eaton, Mrs. Appleton, and Pacific Supreme, while there are a few Polly Rose of the smaller varieties. Lilies are somewhat short, Cosmos are nearing the end of the season, Dahlias are gone, as are also asters and gladioli. Lily of the valley continues to sell well for weddings despite the high prices of the stock. The sale of pot plants is limited to ferns, palms, araucarias, pandanus and other foliage plants.

NOTES.

T. J. Johnston & Co., who have been in one location for a good many years, are going to move to much larger quarters on Washington street, where they will have larger display windows.

The local stores have had some splendid windows during the past week. They never were more attractive, which means more business.

H. A. T.

St. Louis, Mo.

STOCK IS PLENTIFUL.

Another week of favorable weather has passed, causing a firm and steady market. One rainy day followed by a cold spell, indicated the normal fall conditions. This brought the carnations in fine quality. The shipments were heavy and the demand was good. American Beauty is scarce and as usual when scarce, the demand is heavy. The prices run up to \$5 per dozen. Tremendous shipments of the poorer quality of roses are coming in. The novelties, Hadley, Ophelia, Francis Scott Key and Russell are in great demand. Golden Glow, Smith's Advance and Pacific Supreme are the only chrysanthemums to be had in quantities. They clean up fairly well at moderate prices; the best brought \$2 per dozen, the balance as low as \$6 per 100. The light frost, October 20, killed all outdoor flowers. This will help to clean up the inside stock. Orchids are coming in quantity; their quality is very good, and the demand for same fairly satisfactory. The same may be said about violets. Lily of the valley is scarce, and the retailers are depending more on the out-of-town markets for their supply. Lilies are in short supply and the price has advanced to \$15 per 100.

NOTES.

The preliminary premium list of the spring flower show to be given under the auspices of the St. Louis Flower Show Committee, Inc., in this city, March 15-18, 1917, is now ready for distribution. Prizes are offered in 26 sections, both for commercial and private growers. W. W. Ohlweiler, Missouri Botanical Gardens, is executive secretary and Jules Bourdet is exhibition manager. The premium committee is composed of H. W. Endres, O. K. Sanders, C. E. DeWeaver, C. B. Windler, A. H. Hammert and A. Jaenicke.

The Windler Wholesale Floral Co. handles a fine quality of yellow chrysanthemums. Frank Windler reports business very good. He has booked quite a few good orders for artificial Christmas goods.

The new St. Louis Wholesale Cut Flower Co. reports business good, especially in fancy orchids and chrysanthemums. The supply department is one of the finest west of the Mississippi river.

The daily sales of C. A. Kuehn & Co. are reported as running 30 to 35 per cent ahead of a year ago and Mr. Kuehn says conditions of the trade looks better to him each year.

H. Geranios, for years the owner of Metropolitan Flower Co., who gave up his business a year ago and went north, is back in the city. He is connected with J. Witek.

W. C. Smith Wholesale Floral Co. handles very fine roses and carnations from Kirkwood growers. Will Ossick reports business very good in all departments.

The retail florists' association held a well attended meeting October 16 at the Mission inn. All officers were present and much important business was transacted.

John Steidel, of Olivette, Werner Bros., of Clayton, and W. J. Pilcher, of Kirkwood, are cutting excellent roses in the leading varieties.

Ophelia is a splendid rose according to Vincent J. Gorly, who also likes the Vincent pink carnation. He says the public takes to both.

H. G. Berning has received shipments of the very fine Rose Minnetonka from Thermann Nurseries.

A heavy run of funeral work is reported by Mullanphy Florists.

F. C. Weber Jr. and F. H. Weber are daily visitors to the market.

Visitor: Frank McCabe, with A. L. Randall Co., Chicago. X. Y. Z.

Oklahoma City.

The first real frost came on the night of October 19, which was somewhat early for this region. However, there is no doubt that it was a benefit to business, as the flower shops report that trade is very good indeed. Chrysanthemums are the chief flowers seen, and it can truthfully be said that never before were flowers of such fine quality seen so early in the season. There is a red variety, named Eureka, which is certainly the best of this color this writer has ever seen in October.

Walter Mott, representing Hammonds Paint & Slug Shot works, Beacon, N. Y., was a visitor this week. Being an old acquaintance, it goes without saying that we had a very pleasant visit together. S. S. B.

BALTIMORE, MD.—The stock and fixtures of Pierce & Co. were sold at public auction October 20.

FOR ALL SAINTS' DAY**YELLOW—WHITE—PINK.****Heavy
Supply****'MUMS****Good
Quality****Also a good supply of the following Roses**Mrs. Chas. Russell
Lady Alice Stanley
Mrs. W. R. HearstOphelia
Sunburst
MiladyMrs. Aaron Ward
Hoosier Beauty
Double White KillarneyDouble Pink Killarney
Pink Killarney
Killarney Brilliant**NOVELTY ROSES: Cecile Brunner or Sweetheart—Baby Doll—George Elgar.****CARNATIONS---Dependable Supply****You can rely upon us to supply Carnations in spite of their scarcity.**

Notwithstanding the general reports that there is a scarcity, we have a dependable supply and can furnish you with what you need.

VALLEY--LILIESOur Blue Ribbon Brand speaks for itself.
Daily supply of Valley as well as Lilies.**CHRYSANTHEMUMS**

Can supply in Yellow, Pink and White varieties.

Why Not Use The Best For Your Trade ?

We never failed to take care of our customers during the extreme scarcity existing last spring. This year finds us situated better than ever to supply you, as we are receiving the output of several large new growers in this vicinity, together with the usual supply from our large range. Why not send your orders to us where they are always sure to be taken care of?

Our offerings consist exclusively of strictly fresh home-grown stock—bound to reach you in good condition.**You can increase your profits and business by sending us your orders; remember, we make no charge for boxes or packing which in itself is a saving to you.****Quality
Speaks
Louder
Than
Prices.****J. A. BUDLONG**

184 North Wabash Avenue, CHICAGO.

**ROSES, VALLEY
and CARNATIONS
A Specialty.....****WHOLESALE
Grower of****GUT FLOWERS****Prices
As
Low
As
Others.****SHIPPING ORDERS GIVEN CAREFUL ATTENTION.****We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.****Boston.****SALES SHOW DECREASE.**

During the past week business has quieted to a certain extent. There is a perceptible decrease in the retail business, and there is an extra large quantity of early chrysanthemums being grown this season, which has caused an over-supply. The consequence is that nearly every line of flowers have dropped in price. Roses are going cheaper than last week. The larger fancy varieties, such as Russell, Hadley and long-stemmed Ophelia, command real good prices. Carnations are more plentiful, but are selling well at \$2.50 and \$3 per 100. Colored varieties sell much better than white, as white chrysanthemums and pompons are plentiful. The chrysanthemum market is overstocked with the average quality flower, although large, fancy kinds sell at good prices. Pom-

pons are coming in larger quantities and are in demand. Violets are not very good yet, and the market for them is not especially brisk. There are a few sweet peas seen, but their quality does not command a very satisfactory price. Greens, such as Sprengerii and plumosus, are selling very well at 35 cents per bunch. Orchids are obtainable, but cattleyas are the most plentiful, being sold at \$4 per dozen.

NOTES.

At the time of our recent visit to the establishment of S. J. Goddard, Framingham, we found his stock in a flourishing condition. His carnations are looking very healthy and have a good foundation for the ensuing year. A bed of the new pink variety, Nancy, looked very fine and had the best crop of flowers of any variety on his place. Rosalea also showed up very well and Mr. Goddard thinks very well of this

new variety. He recently added a new Overland delivery car for his retail trade.

The Boston Co-operative Flower Market held their annual meeting and banquet at the Quincy House on Saturday evening, October 21. After the regular business meeting, the banquet was held, which was one of the best which the market ever had. Wm. Craig and Henry Comley gave short talks and John Lynch had charge of the entertainment. The board of directors for the coming year is as follows: Donald Carmicheal, Norris Comley, Wm. Elliot, J. Lister, E. Cartwright, John McFarland, Robt. Montgomery, J. Simson and M. Woods.

Robert Montgomery and wife of Natick spent the week end of October 21 at their summer home at Buster's Island, Me.

W.



Raedle's Special Plant Basket Offers

Styles you will need this fall and winter. Leading florists everywhere are using them for their foliage and blooming plants or in making combinations of both. They say that our baskets are best adapted to this kind of work, for the sizes are consistent with the dimensions of the pots and fit in very nicely.

THREE BIG BARGAINS

No. 1—\$18.00 Per Dozen

Assortment of 12 Plant Baskets for plants ranging in size from 5 to 10-inch pots, \$18.00 per dozen.

No. 2—\$12.00 Per Dozen

Assortment of 12 Plant Baskets for plants ranging in size from 5 to 10-inch pots, \$12.00 per dozen.

No. 3—\$8.00 Per Dozen

Assortment of 12 Plant Baskets for plants ranging in size from 5 to 10-inch pots, \$8.00 per dozen.

The difference in prices is due to the quality, but each offer is a good buy and big value. For other sizes and styles, write for new catalog.

RAEDLEIN BASKET CO.
713 Milwaukee Avenue, CHICAGO

Milwaukee.

GOOD STOCK IS SCARCE.

Due to the dark, cool weather the latter part of last week, the supply was suddenly cut short and it again became quite a task to fill all orders. With quite a bit of funeral work the local demand became brisk and all stock cleaned up in quick order. Russell and Ophelia roses are scarce at the present time; carnations do not remain on the counter, while the few Easter lilies are soon picked up. There is a greater variety of chrysanthemums, and while the supply has increased considerably within the last week, no good stock is held over, and the prices thus far are satisfactory. The green goods market is holding its own.

NOTES.

During his stay last week, James Mathewson, of Sheboygan, Wis., was taken to the famous Cudahy range in Gust Rusch's auto; it was his first visit there and he was well pleased with all the stock. During a conversation with Mr. Scott, the superintendent, it developed that both had worked for the same party in England, even slept in the same room and bed, it seemed then as though two long lost brothers had met again, talking of the good old times. Earlier in the week Messrs. Rusch and Scott made a tour of inspection, visiting the North Milwaukee growers, G. F. Baerman & Sons and the Heitman-Oestricher Co.

While there is a lull in the cut of Russell and Ophelia roses at the Brown Deer plant of the Holton & Hunkel Co., the pink and white one seems to be more faithful. They are cutting some fine chrysanthemums though to fill the gap.

Miss Elsie Gutermuth was recently married to Wm. F. Wichtel. The bride is a sister of Fred Gutermuth, who operates the greenhouses formerly owned by Wm. Edlefsen at North Milwaukee; also a retail store at 813 Winnebago street.

While they are cutting a good supply of chrysanthemums in variety, roses and carnations are also coming in good at the C. C. Pollworth Wauwatosa

plant. The cut of orchids, while not heavy at any one time, is steady.

Leon B. Thorpe and wife have returned from their honeymoon. The former is again back in the harness as foreman at the Greenwood Carnation Co.

Harry Mann, who opened a retail store a short time ago, reports satisfactory business thus far in spite of the high price of stock.

The Schroeder Floral Co., Rieb Bros. and the Fox Point Floral Co. are consigning yellow pompons of good quality to the local market.

The monthly meeting of the florists' club will be held November 2, 8:15 p. m., at Kurtz Bros., Eleventh and Prairie streets.

First snow October 20, with the thermometer down to 32 degrees the same night.

Mr. Claute, of Claute Bros., Fort Atkinson, Wis., was a visitor last week.

E. O.

Cincinnati.

FAIR BUSINESS AND AMPLE SUPPLY.

Business is fair. The supply of stock is large and able to care for all present demands upon it. A killing frost during the past week has put all outdoor stock out of commission and has relieved the market to that extent. Chrysanthemums are very plentiful and may be had in everything from pompons to the largest varieties. Roses, too, are very plentiful. The cut of carnations is about the same as it was at the last writing, but is sufficient for present needs. Easter lilies are in a good supply. The first callas of the season made their appearance last week. Excellent orchids and lily of the valley may be had. A few snapdragons, sweet peas and violets are coming into the market.

NOTES.

On Saturday night, October 21, at the Price Hill Masonic temple, E. G. Gillett, as chairman of the Temple Club entertainment committee, welcomed the guests in an address that preceded the entertainment, the first of a series. The evening was a success that bespoke eloquently the un-

tiring efforts of Mr. Gillett and his associates on the committee.

C. E. Critchell had some asters as late as last week. They were in pretty fair condition for the lateness of the season.

Visitors: Frank Ball, Indianapolis, Ind.; Karl Heiser and Walter Gray, Hamilton, O.; Sam Seligman, Chicago; S. Wertheimer, and Paul and Henry Dailledouze, New York City. H.

Pittsburgh.

LIMITED SUPPLY HOLDS PRICES STEADY.

Business has not been normal the past week and the supply of stock was just enough to meet the demand. Had there been more stock prices would have suffered considerably. Chrysanthemums are coming more plentifully and they will arrive steadily from now on. American Beauties are still holding their own, specials selling at \$20 to \$25 per 100. Carnations are still bringing three cents for good stock. Violets are not selling so fast, but will improve soon, as the weather gets colder. Lilies are more plentiful. All greens are plentiful, except smilax, which seems very scarce. Dahlias are over for this season. Cosmos is still coming, but will not last much longer.

NOTES.

The Sewickley Horticultural Society will hold its first annual flower show Nov. 2-5. They expect to have exhibits from all the leading chrysanthemum growers in the country. For further particulars address Geo. Wessenauer, Sewickley, Pa.

Jos. Thomas and his greenhouse force made a tour of all the greenhouse ranges in the northern end of Allegheny county, October 22. He found the crops far behind in most establishments.

Geo. L. Huscroft, of Steubenville, O., died October 21. He was one of the most popular florists in the country. The florists of Pittsburgh express their sympathy to the family.

J. Meiklejohn, representing W. A. Manda, of South Orange, N. J., called on the trade this week with a fine line of decorative plants.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

The Largest, Best Equipped,
Most Centrally Located

WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO

174-6 N. Wabash Ave., CHICAGO

L. D. Phones
CENTRAL 1977 and 1978.

Mention the American Florist when writing.

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Mention the American Florist when writing.

HOERBER BROS.

Wholesale Growers of **Cut Flowers**

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave.,

Chicago

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

Jas. Riley, of the McCallum Co., is confined to St. Francis hospital with pneumonia. It is hoped he will recover soon.

Visitors: Julius Dillhoff, of New York; Frank Farney, of M. Rice & Co., Philadelphia, Pa.

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST. Per doz.

Roses, Beauty, specials	\$ 4 00@	\$5 00
" " 36-in.....	3 00	
" " 30-in.....	2 50	
" " 24-in.....	2 00	
" " 20-in.....	1 50	
" " 18-in.....	1 00	
" " short.....per 100,	\$4 00@	6 00

" Mrs. Chas. Russell.....	\$4 00@	15 00
" Hoosier Beauty.....	4 00@	10 00
" Killarney Brilliant.....	3 00@	10 00
" Killarney.....	3 00@	10 00
" White Killarney.....	3 00@	10 00
" Richmond.....	3 00@	10 00
" Prince de Bulgarie.....	3 00@	10 00
" Rhea Reid.....	3 00@	10 00
" My Maryland.....	3 00@	10 00
" Mrs. Geo. Sawyer.....	3 00@	10 00
" Milady.....	3 00@	10 00
" Sunburst.....	3 00@	10 00
" Mrs. Aaron Ward.....	3 00@	10 00
" Hadley.....	3 00@	10 00
" Ophelia.....	3 00@	10 00
" Double White Killarney.....	3 00@	10 00
" Mrs. Moorfield Storey.....	3 00@	10 00
" Champ Weiland.....	3 00@	10 00
" Stanley.....	3 00@	10 00
" Tipperary.....	3 00@	10 00
" Frances Scott Key.....	3 00@	10 00
" Bayard Thayer.....	3 00@	10 00
" Cecile Brunner.....	2 00@	3 00
" George Elgar.....	2 00@	3 00
" Baby Doll.....	2 00@	3 00
" Fireflame.....	4 00	
" Our selection.....	1 50@	3 00

Carnations.....	per doz.,	7 50@	9 00
Cattleyas.....	25c per bloom.		
Vandas.....	per doz.,	1 50@	5 00
Chrysanthemums.....	per bunch,	25@	75
Pompons.....	per 1000,	50@	75
Lilium Harrisii.....		12 50@	15 00
Valley.....		5 00@	6 00
Adiantum Croweanum.....		1 00@	1 50
Ferns.....	per 1000,	2 00@	2 50
Galax.....		1 00@	1 25
Leucothoe.....		75@	1 00
Mexican Ivy.....	per 1000,	5 00@	6 00
Plumosa Strings.....	each,	60@	75
Smilax.....	per doz.,	2 00@	2 50
Sprengerii, Plumosa Sprays.....		3 00@	4 00
Boxwood, 25clb per case.....		7 50	
Wild Smilax.....	per case,	\$6.00	

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 NO. WABASH AVE., CHICAGO
Telephone Central 466

Mention the American Florist when writing.

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

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George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

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ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

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Mention the American Florist when writing

New Crop Smilax

Smilax..... at \$2.50 per case
Green Sheet Moss... 1.75 per bag
Perpetuated Moss.... 3.50 per bag

Edward A. Beaven, EVERGREEN, ALA.

Mention the American Florist when writing.

Beauties

THE LEO NIESSEN CO.,

1201-5 Race St., Philadelphia, Pa.

Philadelphia.

MARKET WELL STOCKED.

The market the past week has been well supplied with all kinds of stock. A few days of unusually warm weather, breaking the records of the weather bureau for October, brought everything along rapidly and rather flimsy in substance. Dahlias, not caught by the early frosts, are in evidence and appear to be in good demand. All other outdoor stock is about over. Roses are particularly plentiful and are sold low in quantity lots—the quality, until the warm spell set in, has been exceptionally good, American Beauties excelling. Russell has also shown class, while Prima Donna, with some growers who appear to have initiated themselves into the lady's good graces, is doing splendidly, showing up much better than the Russell; the stems are equally straight and strong and the color brighter. Carnations are improving and are more plentiful. Cattleyas are not so freely offered as two weeks ago. Lily of the valley is quite equal to the demand. Everything has, however, to stand aside for the chrysanthemum, which now, and for the next four weeks, will rule the market; there is an abundance of choice flowers in all colors, Chrysolora, with its huge yellow blooms, being the most conspicuous. Pacific Supreme, Polly Rose, October Queen, Early Frost, Unaka, etc., are also offered. The demand fell off considerably the past week, nearly all the stores complaining that the business was very flat with little doing. Week-end and special sales were in order, and the man who would take a chance, purchasing in any quantity, was given special attention and very low prices, the balance being almost given away to the street gentry.

NOTES.

The detailed report of the Florists' Telegraph Delivery meeting in Chicago, complete reports of which were given in THE AMERICAN FLORIST, issues of October 14 and October 21, was interesting reading to the retail brethren in this city. The great work being done by this association is not realized by those who are on the outside. Since its inception it has overcome many obstacles, which in reality proved to be only imaginary, as was seen when this fine body of men got together; they were found to be all of one mind, all in harmony and each willing to do his utmost to help the movement, which, while for his own benefit, is also bound to be a great factor in opening up a new field which will largely increase the sale of flowers in every state in the union. In every community, large or small, every live retail florist should become a member of this association; mingling with such progressive members of the trade will widen his vision and open his eyes to the possibilities of the increased business that is bound to come his way if he will work for it intelligently, along the lines laid out by this association.

Charles Grakelow, the live wire up-town retailer, celebrated his birthday October 17 at Lulu Temple by entertaining over 500 guests. The various midway attractions of a country fair afforded great amusement to the company. Mr. Grakelow, who belongs to

Per dozen, . . . \$1.00 to \$ 3.50

Per 100, 6.00 to 25.00

They give satisfaction wherever we sell them. When you need Beauties and you place your order with us, you will never be disappointed.

EDWARD REID

CHRYSANTHEMUMS OF QUALITY

ORCHIDS, VALLEY, HIGH GRADE ROSES

This is the exclusive shop, only one block from Express Depots.

1619-1621 Ranstead Street,

PHILADELPHIA, PA.

Wholesale Flower Markets

BUFFALO, Oct. 25.		Per 100
Beauty Special.....	20 00@25 00	
.. Fancy.....	15 00@20 00	
.. Extra.....	10 00@12 00	
.. First.....	8 00@10 00	
.. Second.....	2 00@4 00	
Roses, Killarney.....	3 00@8 00	
.. White Killarney.....	3 00@8 00	
.. My Maryland.....	3 00@7 00	
.. Sunburst.....	3 00@6 00	
.. Ward.....	2 00@5 00	
.. Shawyer.....	3 00@8 00	
Lily of the Valley.....	6 00	
Lilies.....	12 00@15 00	
Cattleyas.....	40 00@50 00	
Carnations.....	3 00@4 00	
Pompons.....	25@ 75	
Chrysanthemums.....	10 00@25 00	
Violets.....	50@ 60	
Asparagus Sprengeri.....	35@ 50	
Ferns.....	per 1000, 2 00	
Smilax.....	20 00	

CINCINNATI, Oct. 25.		Per 100
American Beauty, per doz.....	75@ 4 00	
Roses, Killarney.....	3 00@8 00	
.. Mrs. Chas. Russell.....	6 00@10 00	
.. My Maryland.....	2 00@8 00	
.. Ophelia.....	4 00@10 00	
.. Richmond.....	3 00@8 00	
.. Sunburst.....	3 00@8 00	
.. Taft.....	3 00@8 00	
Carnations.....	2 00@4 00	
Lilium Giganteum.....	10 00@12 50	
Lily of the Valley.....	6 00	
Orchids.....	7 50@9 00	
Chrysanthemum, doz.....	75@3 00	
Asparagus Plumosus, per bch., 25c		

BOSTON, Oct. 25.		Per 100
Roses, Beauty.....	20 00@25 00	
.. Killarney Queen.....	2 00@8 00	
.. White and Pink Killarney.....	2 00@8 00	
.. Double White Killarney.....	2 00@8 00	
.. Killarney Brilliant.....	4 00@10 00	
.. Hadley.....	4 00@10 00	
.. Cardinal.....	2 00@8 00	
.. Mock.....	6 00@12 00	
.. Mrs. Chas. Russell.....	6 00@12 00	
.. Sunburst.....	6 00@12 00	
.. Taft.....	2 00@8 00	
.. Milady.....	2 00@6 00	
.. Ward and Hillingdon.....	2 00@8 00	
.. My Maryland.....	50@ 5 00	
Cattleyas.....	50 00@75 00	
Lily of the Valley.....	4 00@5 00	
Sweet Peas.....	50@ 1 00	
Carnations.....	1 00@2 00	
.. select.....	2 00@3 00	
Chrysanthemums.....	5 00@16 00	

numerous lodges and business men's associations, received several valuable gifts at their hands. There was music and dancing, which ended a delightful evening.

John A. Ruppert of H. A. Dreer, Inc., whose district is New Jersey, New York City and parts of Connecticut, reports prosperity everywhere. A splendid importation of boxwood has just been received at Riverton. Very large shipments of palms have recently been made to central western points.

Hon. Joseph Heacock is now in the thick of his campaign for election as a member of congress. As a life long democrat, he expects to win, in which case his district will never have been

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

262B DEVONSHIRE STREET,
BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 a. m.

BERGER BROS.

Central Market

ROSES, ORCHIDS, VALLEY

Choice Early Chrysanthemums
Always high grade Easter Lilies

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

represented by a better or more conscientious man.

The Leo Nissen Co.'s market, with its huge consignments of flowers, is a busy place these autumn days. Chrysanthemums, American Beauty roses and carnations are seen in quantity. Cattleyas and gardenias are also features.

The S. S. Pennock-Meehan Co. has found the handling of plants for both growers and retailers a great adjunct to their business. Mr. Liggett has charge of this department and is much gratified at its rapid expansion.

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., Milwaukee, Wis.

Wholesalers and Growers of
**Choice Cut Flowers
and Greens**

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

Mention the American Florist when writing

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers in Kansas City. If on the market, we have it. Get our prices and we will fill your orders. Satisfaction guaranteed.

1016-1018 McGee Street

Kansas City, Mo.

Mention the American Florist when writing

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

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**STUART MILLER, WHOLESALE
FLORIST**

Always Seasonable Flowers

Orchids, Valley, Roses, Easter Lilies,
Best Early Chrysanthemums.

Unexcelled Opening for Carnation Consignors
for the Coming Season.

ONE BLOCK FROM EXPRESS OFFICE

1617 Ranstead Street, PHILADELPHIA, PA.

Philadelphia Wholesale Florists' Exchange

High Grade Roses, Gladioli, Asters, Easter Lilies
and other Seasonable Flowers.

Up-to-the-Minute Service. Satisfaction Guaranteed.

WANTED—A consignor with 25 bunches Asparagus a day.

1615 Ranstead St., Philadelphia, Pa.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in
FLORISTS' SUPPLIES.

Phone Main 1245.

P. O. Box 206

444-446

Milwaukee St., Milwaukee, Wis.

New Fancy Ferns

Special picked. Leave your regular orders with us.

Fancy Lily of the Valley, Orchids, Gladioli, Lilies and all other seasonable flowers.

FLORISTS' SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist.
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Oct. 25. Per 100		
Roses, Beauty, special.....	25	00@30 00
" " fancy.....	16	00@20 00
" " extra.....	12	00@15 00
" " shorter grades.....	6	00@10 00
" Mrs. Chas. Russell.....	3	30@15 00
" Killarney.....	2	00@ 6 00
" White Killarney.....	2	00@ 6 00
" Liberty.....	2	00@ 6 00
" Hadley.....	4	00@12 00
" Sunburst.....	3	00@ 6 00
" Ophelia.....	3	00@ 8 00
" Hoosier Beauty.....	4	00@ 6 00
Carnations.....	1	00@ 2 00
Cattleyas.....each, \$0 40@	50	
Lilium Longiflorum.....	8	00@10 00
Asters.....	2	00@ 4 00
Gladiolus.....	2	00@ 4 00
Larkspur.....	2	00@ 4 00
Dahlias.....	1	00@ 4 00
Valley.....	4	00@ 6 00
Snapdragons.....	1	00@ 3 00
Chrysanthemums.....	6	00@20 00
Asparagus.....per bunch, 50		

PITTSBURGH, Oct. 25. Per 100		
Roses, Beauty, special.....	25	00
" " fancy.....	20	00
" " extra.....	15	00
" " No. 1.....	8	00
" Killarney.....	2	00@ 6 00
" My Maryland.....	2	00@ 6 00
" Sunburst.....	2	00@ 6 00
" Mrs. Aaron Ward.....	2	00@ 5 00
Cattleyas.....	40	00
Lilium Giganteum.....	12	00
Carnations.....	3	00
Adiantum.....	1	25
Asparagus Sprengerii, per bunch, 35@40		
Lily of the Valley.....	4	00
Dahlias..... 2 00@ 4 00 per 100		
Yellow Daisies.....	1	00

MILWAUKEE, Oct. 25. Per 100		
Roses, Killarney and W. Killarney.....	3	00@ 8 00
" Ward.....	3	00@ 8 00
" Mrs. Chas. Russell.....	3	00@20 00
" Ophelia.....	3	00@ 8 00
" Hoosier Beauty.....	4	00@10 00
Lilies.....	15	00
Cattleyas.....per doz., 6 00		
Carnations.....	3	00@ 4 00
Rubrum.....	3	00@ 4 00
Valley.....	6	00
Chrysanthemums.....	1	50@ 4 00

DAVID WELCH

EDWARD J. WELCH

WELCH'S WHOLESALE AND COMMISSION FLORISTS

FLORISTS' SUPPLIES

280 and 282 Devonshire St.,
BOSTON, MASS.

Consignments of Beauties, Lilies of the Valley,
Orchids and all other flowers received daily.

Telephone—Court Hill 2964, 2965.

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

ST. LOUIS, Oct. 25. Per 100		
Beauty Short.....	8	00
Hadley.....	4	00@ 8 00
Killarney.....	3	00@ 6 00
Hoosier Beauty.....	4	00@12 00
Richmond.....	4	00@ 8 00
Sunburst.....	3	00@12 00
Ward.....	2	00@ 5 00
Mrs. Shawyer.....	6	00@15 00
Mrs. Russell.....	6	00@15 00
Ophelia.....	4	00@12 00
Valley.....	4	00@ 5 00
Lilies.....	5	00
Beauty Special.....	5	00 per doz
" Fancy.....	4	00
" Extra.....	3	00
" No 1.....	2	00
" No 2.....	1	50
Orchids.....	5	00@ 6 00
Ferns.....per 1000		

Bulbs--Boxwood--Nursery Stock Sales at Auction Every Monday and Thursday at 10 a. m

Note Sales Days—MONDAY and THURSDAY.

JOHNSON & MILLANG, Inc. Coogan Bldg., 55-57 W. 26th St., NEW YORK
Under Cut Flower Exchange
Consignments Solicited. 10,000 Square Feet Devoted to Our Auction Business. Write for Catalogue. Ask for prices.

Herman Zimmer piloted Samuel Liley, Rupert Kienle and Frank Gaul, October 15, through the famous dahlia farms of Atco, Williamstown and Collingswood, where he entertained the party with a good dinner. Exceeding the speed limit was a feature of the trip but as they never "fine" Fords in New Jersey, the usual admonishment was thought sufficient.

Wm. Graham, late of this city, but now of Chicago, is spending a week here attending his son's wedding and visiting old friends. Mr. Graham, who looks well, says Chicago is certainly a hustling city, something doing all the time, which keeps all branches, particularly the retailers, constantly on the go.

The Robert Craig Co. has commenced cutting chrysanthemums; a number of houses at their Forty-ninth street place look very well, particularly the later sorts. Plant shipping is going on extensively, the express companies, with their large trucks, being on the job morning and afternoon.

Edward Reid has somewhat recovered from the "western influence" and is getting down to business. He had a great trip. High grade chrysanthemums and choice American Beauties are features here.

The Philadelphia Wholesale Florists' Exchange is crowded to the doors with stock these days. Sawyer and Ophelia roses and chrysanthemums are headliners.

A new wholesale cut flower company is being incorporated to do business in the central district. Several well known members of the trade are interested.

At Berger Brothers, Tint of Gold, Chrysolora and other choice chrysanthemums were much in evidence. Good single violets sold well.

Choice chrysanthemums are a feature of Stuart Miller's stock. A good supply of roses and carnations are also being received.

M. J. Callahan had a loss by fire October 23. It started in the basement and spread rapidly. His loss is \$500, fully insured. K.

New York.

MARKET LACKS LIFE.

The late "Sandy" Faulkner, the Arkansas poet, had a story about calling at a house one day to seek shelter from a heavy rainstorm. When he got inside he found there was little relief, as the roof leaked badly, so he said to the proprietor: "Why don't you fix that roof?"

"Can't fix it stranger, when it's raining," was the curt reply.

"Well, why don't you fix it when it stops raining?" "Don't need it fixed when it doesn't rain," was the come back.

Taking a humorous view of the situation, this market is a parallel. When there is a brisk demand for flowers everything cleans up and nothing seems to be needed, but when there is but little demand and stock keeps pouring in, nothing can be done, and the past week was a fair illustration of that condition. The gulf storm, or a section of it, swept this city, October 19, with wind and drenching rain. The following day was unseasonably warm, so these two days were practically lost to the trade. As a matter of course,

the retailers must keep up a stock, and Saturday brought a little life to the market, but it was very much like sustaining life with a pulmotor. One leading wholesaler has stated that his September business was much better than it has been thus far, this month, and the statement is quite reasonable. In September he had a fair supply of roses which cleaned up. Now he has an increased supply of roses, a great stock of chrysanthemums, carnations, dahlias and various other stock, with no increase in the demand. The special stock in roses and chrysanthemums is particularly hard to move, as the general demand is for something cheap. The white chrysanthemums, good ones too, are practically a drag. There is a process in vogue with several wholesalers, of dipping or dyeing them pink and many are treated that way, and it is much more successful relating to appearance, than dyeing white carnations green. No fault can be found with the quality of stock on the market; even the violets are much improved in quality but there is simply too much of it for the demand. This refers particularly to the roses, chrysanthemums and violets. American Beauties, lilies and lily of the valley are holding on well, there being no surplus. Orchids are rather cheap, but moving fairly well.

October 23.—The weather is clear and cool, a condition that should be favorable to business, but business responds very slowly. The buying on Saturday, October 21, was fairly brisk, but it appears that the retailers did not clean up and it is slow this morning. While a few of the specials and novelties in chrysanthemums bring fair prices, the bulk of the stock is selling very cheap compared with former years. In white, there is good stock going as low as \$1 to \$1.50 per dozen, and the great supply of chrysanthemums is dragging down prices on nearly all other stocks.

NOTES.

C. B. Knickman, of McHutchison & Co., has recently returned from an extended business trip on the Pacific coast. He visited the principal cities of California, Oregon and Washington, and is well pleased with results. It

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York.

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers.



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—We are—

Wholesale Florists

Have twenty-two years' experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

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WHOLESALE FLORIST
64 West 26th St., NEW YORK
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20 years experience
Consignments Solicited and Prompt RETURNS GUARANTEED.

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Successors to Satow & Suzuki.

259 Fifth Avenue, NEW YORK

Greenhouses: Woodside, L. I.

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 Successors to Badgley, Riedel & Meyer.
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 Receivers and Distributors of
CHOICEST CUT FLOWERS

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Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

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 Telephone No. 2264 Farragut.

Walter F. Sheridan
Wholesale Florist
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 All the NEW ROSES, CARNATIONS and
 Seasonable Flowers.

HORACE E. FROMENT
WHOLESALE COMMISSION
 All the New and Standard Varieties of Roses,
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Goldstein & Futterman
WHOLESALE FLORISTS
 The Right People to Deal With.
102 West 28th St., New York
 Mention the American Florist when writing

Wholesale Flower Markets

NEW YORK, Oct. 25.		Per 100
Roses, Beauty, special.....	25	00@30 00
" " extra and fancy.....	15	00@20 00
" " No 1 and No 2.....	6	00@ 8 00
" Prima Donna.....	4	00@15 00
" Alice Stanley.....	75	@ 6 00
" Francis Scott Key.....	4	00@20 00
" Mrs Geo. Shawyer.....	75	@ 6 00
" Double White Killarney.....	75	@ 6 00
" Killarney, My Maryland.....		
" " Special.....	3	00@ 4 00
" " No 1 and No 2.....	50	@ 1 50
" " Queen.....	1	00@ 6 00
" " Brilliant.....	75	@ 6 00
" Aaron Ward.....	1	00@ 6 00
" Richmond.....	50	@ 6 00
" Sunburst.....	75	@ 6 00
" Taft.....	1	00@ 6 00
" J L Mock.....	1	00@ 6 00
" Ophelia.....	75	@ 6 00
" Mrs. Chas. Russell.....	1	00@ 8 00
" Cleveland.....	75	@ 6 00
" Hadley.....	1	50@15 00
" Hoosier Beauty.....	50	@ 6 00
Cattleya Orchids, special.....each,	50	@ 60
inferior grades.....	25	@ 35
Bouvardia.....	2	00@ 4 00
Rubrams.....	5	00@ 6 00
Lilies, Longiflorum and Harrisii.....	4	00@ 6 00
Lily of the Valley.....	4	00@ 6 00
Carnations.....	1	00@ 3 00
Chrysanthemums.....per doz.	75	@ 3 00
Novelties, per doz.	4	00@ 8 00
Gardenias.....per doz.	75	@ 3 00
Sweet Peas.....	1	00@ 1 25
Snapdragons.....	00	@ 3 00
Violets.....	20	@ 35
Paper White Narcissus.....	3	00@ 4 00
Adiantum Croweanum and		
Hybridum.....	50	@ 75
Asparagus Plumosus.....doz. bchs.	1	00@ 1 25
Smilax.....doz. strings,	1	00@ 1 25

United Cut Flower Co., Inc.

WHOLESALE
111 West 28th St., New York
 Telephones: Farragut 4422
 4423
 Mention the American Florist when writing

HOUSE OF FERNS

Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.
 Mention the American Florist when writing

Frank H. Traendly Charles Schenck
Traendly & Schenck
 Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Farragut.
 Orchids, Roses, Carnations and all the other
 best products of the leading growers.
 Consignments solicited.

WM. KESSLER,
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange

Coogan Bldg., 6th av. and W. 25th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.

Desirable well space to rent for advertising.

V. S. DORVAL, Secretary.

The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
 Florist Trade at Wholesale.
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is unnecessary to state that McHutchinson & Co. is a very enterprising firm. Their importation of raffia cloth from Madagascar is an innovation. We recently visited their warehouse where many thousand dollars worth of it is stored in bales. As will be supposed, by all who have handled raffia, the cloth is light but very durable and is in demand for the manufacture of summer hats.

The Warendorff family is so large that it is hard to keep track of all of them and their activities. Herman, the buyer and head of the house, is well known in the wholesale district and makes his headquarters in their fine store in the Ansonia Hotel. In the management of this store he is assisted by one brother, Richard. Edward conducts a store at Madison avenue and 59th street, while Ben, the humorist of the family, conducts a nice store at Liberty and Nassau streets. They have yet another store in the Empire building on lower Broadway.

Fred Howard, of Howard & Smith, Los Angeles, Calif., was in this city during the past week, in the interest of their new rose, Los Angeles. On October 20 he visited Eugene Daille-douze, at his Flatbush range, who accompanied him to the fine estate of Admiral Aaron Ward at Roslyn, L. I. He later visited Bobbink & Atkins, the Julius Roehrs Co., C. H. Totty and other well known growers. Los Angeles, we have been informed, is an outdoor rose and will be disseminated in the east by Henry A. Dreer, Inc.

The flower stand in the Astor market, Broadway and 95th street, which is conducted by the United Floral Co., is very attractive. They have 500 square feet of space, the floor is concrete, the counters thick glass. As the market has its own refrigerating plant, they share in its benefits. The market being new and handsome and located in a fine section, is frequented by well-to-do people, thus a good quality of plants and cut flowers is kept in stock and a good business is carried on.

Attention is called to the announcement of the Nippon Garden, Inc., in another column. This store is near

PREPARED CYCAS LEAVES

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PERFECT COLOR.

VERY PLIABLE.

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Wholesale Florist

1324 PINE STREET
ST. LOUIS, MO.

28th street, only two blocks from the heart of the wholesale district. They are clever men, but for that matter all the Japs we ever met were clever. There is nothing in the line of Japanese gardening but what they can carry out successfully. At the last National flower show, they were awarded a certificate of merit for their exhibit.

Miss Florence Rubin, who, for the past seven years has been cashier for the New York Cut Flower Co., has resigned the position, to enter the married state, so it is said. We do not know the gentleman, but hope he is worthy of her as she is a fine young woman. She will be succeeded by Richard B. Cantillon, who for the past 12 years has served the same company in various capacities.

On the steamer Ryndam which reached this port October 17, the Macniff Horticultural Co. had several hundred cases of bulbs and plants, azaleas included in the plants. Robert Macniff advises us that his auctions of the past week were very successful. Calling, October 21, we found carpenters at work fitting up a poultry supply department in one of their stores.

We have recently noticed at the store of the Colonial Florist, Broadway and 157th street, a remarkably handsome display of chrysanthemums. In the show window space, which is large, they were closely arranged in a pyramid about 10 feet high. At the base there was a border of pompons, building up with large white, pink and yellow blooms in the order named.

A diversion for the next few weeks, will be the fall shows, Madison, N. J., October 26-27; Mt. Kisco, N. Y., October 27-29; Greenwich, Conn., October

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Green Sheet Moss..... 1.75 per bag
Perpetuated Moss..... 3.50 per bag

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Everything in Southern Evergreens
EVERGREEN, ALABAMA

31-November 1; Tarrytown, N. Y., November 1-3; New York, November 8-10 and another 9-12. Going further from home, Philadelphia, Pa., Boston, Mass., Providence, R. I., and other cities may be visited.

The wholesalers need not worry, even if business gets worse. Miss Freda Hempel, Metropolitan opera star, who spent most of the summer in Germany, arrived here on the Bergensford, October 22. She says that the scarcity of food in the Fatherland is a blessing in disguise, as it is taking fat off both men and women and improving their figures.

A retail store that makes a fine appearance is that of the Boston Florists, at the northeast corner of Lexington avenue and 34th street. They occupy two floors, both having fine show windows which are always well filled with cut flowers and plants. This firm has occupied the same store for quite a number of years and have a nice business.

Visitors: W. E. Day, Syracuse, N. Y.; Howard Nichols, office manager for S. J. Reuter & Son, Westerly, R. I.; Conrad Schulz, Westerly, R. I.; Wm. Kleinheinz, Ogontz, Pa.; David Rust, Philadelphia, Pa.

A. F. F.

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Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Briggs Floral Co., Chicago.
Brooklyn Cut Flower Market, Brooklyn, N. Y.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Callahan, M. J., Philadelphia, Pa.
Central Floral Co., Chicago, Ill.
Central Floral Co., Detroit, Mich.
Clarke's Sons, David, New York.
Comley, Henry R., 6 Park St., Boston, Mass.
Cooke, Geo. H., Conn. Ave., and L, Washington.
Dard's, 44th and Madison Ave., New York.
Dominion Floral Co., The, Montreal Quebec.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyles, 106 State St., Albany, N. Y.
Evenden Bros., Williamsport, Pa.
Fox, J. M. & Son, Inc., Milwaukee, Wis.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Grimm & Gorly, St. Louis, Mo.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Hatcher, John C., Schenectady, N. Y.
Heinl & Sons, J. G., Terre Haute, Ind.
Hencle, Miles S., Syracuse, N. Y.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Higgins, N. F., Springfield, Mass.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Howard & Smith, Los Angeles, Calif.
Huscroft's Flower Shop, Steubenville, O.
Johnston & Co., T. J., Providence, R. I.
Joseph's, 233-235 Grant Ave., San Francisco.
Joy Floral Co., Nashville, Tenn.
Keller Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia, Pa.
Mangel, Chicago.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
McMurray, D. M., Pueblo, Colo.
Metairie Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J. & Sons, Buffalo, O.
Park Floral Co., The, Denver, Colo.
Pearson, E. W., Newburyport, Mass.
Penn, The Florist, Boston, Mass.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Potter Floral Co., El Paso, Tex.
Pyfer & Olsem, Wilmette, Ill.
Randall's Flower Shop, Worcester, Mass.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London and Norwich, Conn.
Reuter's, Westerly, R. I.
Robbins, F. A., Augusta, Me.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Schmidt, Chas. L., Harrisburg, Pa.
Sekenger, Adam, Bangor, Me.
Sekl Bros. & Co., Los Angeles, Calif.
Smith & Fettes, Cleveland, O.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Van Meter Flower Shop, Springfield, O.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Whitted Floral Co., Minneapolis, Minn.
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Augusta, Me.—Robbins, F. A., 122 Winthrop St.
Bangor, Me.—Sekenger, Adam, 32 Newbury St.
Boston, Mass.—Comley, Henry R.
Boston, Mass.—Thos. F. Galvin, Inc.
Boston, Mass.—Penn, The Florist.
Brooklyn, N. Y.—Brooklyn Cut Flower Market.
Brooklyn, N. Y.—Jeseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Briggs Floral Co.
Chicago—Central Floral Co., 132 N. State St.
Chicago—Friedman, 522 S. Michigan Blvd.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder, 3343 W. Madison St.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel, 17 E. Monroe St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
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Cleveland, O.—Bramley & Son.
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Cleveland, O.—The J. M. Gasser Co.
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Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Mattews, the Florist.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Des Moines, Ia.—J. S. Wilson Floral Co.
Detroit, Mich.—Central Floral Co., 35 Broadway.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
El Paso, Texas—Potter Floral Co.
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Omaha, Neb.—Lewis Henderson.
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Philadelphia—The London Flower Shop, Ltd.
Pittsburgh, Pa.—Randolph & McClemons.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
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St. Louis, Mo.—Mullanphy Florists.
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St. Paul, Minn.—Holm & Olson.
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San Francisco—Joseph's, 235-35 Grant Ave.
San Francisco—Podesta & Baldocchi.
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Sedalia, Mo.—Archias Floral Co.
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Springfield, Mass.—N. F. Higgins.
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Steubenville, Ohio.

Huscroft's Flower Shop

173 North Fourth Street

All Orders Promptly Executed

Mention the American Florist when writing.

Cleveland, O.

The Smith & Feters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Friedman

...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

CHARLES L. SCHMIDT

313 Market St., Harrisburg, Pa.

Night and day service in all Central Pennsylvania.

Nassau County Horticultural Society.

The monthly meeting of the Nassau County Horticultural Society was held Wednesday evening, October 11, President James McDonald in the chair. The report of the dahlia show was read and approved, and final arrangements were made for holding the chrysanthemum exhibition November 2-3. James Gladstone was appointed manager of the same. It was decided to hold a smoker after the next meeting, November 8, and it was left to the executive committee to make arrangements for same. Robert Jones offered a prize of \$10 for the best decorated table by assistant gardeners to be competed for at that meeting, the decoration to consist of chrysanthemums. An essay received from the National Association of Gardeners on "Malnutrition in Trees," by Arthur Smith of New Jersey, was read and proved to be very interesting.

JAMES MCCARTHY, Cor. Sec'y.

ANDERSON, IND.—J. S. Stuart & Son, successors to Stuart & Haugh, report business very good and stock in excellent condition.

KANSAS CITY, MISSOURI.

Rock's
FLOWERS

Members Florists' Telegraph Delivery Ass'n.

CHICAGO

Wangel
 The Palmer House Florist
17 E. MONROE ST.

C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
 Trade discounts. First-class stock.

Send Telegraph, Telephone or Mail Orders for florist service in this vicinity to

THE DOMINION FLORAL CO.

484 St. Catherine's St., West Montreal, Que., Canada

Every order receives prompt and careful attention

C. Frauenfelder
FLORIST

3343 W. MADISON ST.
 NEAR GARFIELD PARK

CHICAGO

For Wisconsin Delivery
 OF

"Home Grown Flowers"

Get in touch with

J. E. MATTHEWSON, SHEBOYGAN, WISCONSIN.

Member of Florists' Telegraph Delivery.



GUDE BROS. CO.
 FLORISTS
 1214 F ST. N.W.
 WASHINGTON D.C.

WASHINGTON D. C.

Gudes'

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

SAN FRANCISCO
JOSEPH'S

233-235 GRANT AVENUE

Members of Florist's Telegraph Delivery and National Florists for this District. A specialty made of "Welcoming" and "Bon Voyage" packages.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Pueblo, Colo.

D. M. McMurray
FLORIST

105 East Abriendo Ave.

Mention the American Florist when writing

Send Telegraph, Telephone or Mail orders for florist service in this vicinity to

Howard & Smith

853 So. Olive St., Los Angeles, Calif.

Every Order sure to receive prompt and careful attention.

Mention the American Florist when writing

WORCESTER, MASS.

Randall's Flower Shop,

13 Pleasant Street.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

VAN METER FLOWER SHOP
SPRING and HIGH, Springfield, O.

BEST FLOWERS for EVERY OCCASION.

Mention the American Florist when writing

Williamsport, Pa.
EVENDEN BROS. CO.

Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Boston, Mass.

HENRY R. COMLEY, Florist, 6 Park St.

50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

Mention the American Florist when writing

John C. Hatcher

Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Hoffmans, N. Y.

Mention the American Florist when writing

FREY & FREY,

1338 O Street, LINCOLN, NEB.
WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

El Paso, Texas.

Potter Floral Co.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Boston, Mass.

Penn The Florist

"Penn, The Telegraph Florist"

Member of Florists' Telegraph Delivery Ass'n.

124 TREMONT STREET

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

Mention the American Florist when writing

Chicago Detroit
CENTRAL FLORAL CO.

132 North State Street, CHICAGO, ILL.

35 Broadway, DETROIT, MICH.

Special attention given to telegraph and mail orders for delivery in either city and adjoining territory. Both of our stores are located in the heart of each city, which means quick and efficient service to theatres, hotels, depots, etc. Our Chicago store is located opposite Marshall Field & Co.'s retail establishment and one block from the Great Central Cut Flower Market.

DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

Mention the American Florist when writing

Newark, Ohio.
CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

TERRE HAUTE, IND.

THINK OF HEINL'S

Mention the American Florist when writing

Rockford, Ill.

H. W. BUCKBEE.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

St. Louis, Mo.

WIRE

Grimm & Gorly

Mention the American Florist when writing

Augusta, Me.

F. A. ROBBINS, Florist

122 WINTHROP STREET

We deliver in Maine and all New England points.

Mention the American Florist when writing

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Cleveland, O.

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE
FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Members of Florists' Telegraph Delivery.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

PROVIDENCE, R.I.

and all T. J. JOHNSTON & CO.

NEW ENGLAND POINTS.

171 WEYBOSSET ST., PROVIDENCE

—American Ass'n of Park Superintendents. 1870

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President;
F. W. Belgiano, Washington, D. C., First
Vice-President; L. L. Olds, Madison, Wis.,
Second Vice-President; C. E. Kendel, Cleve-
land, O., Secretary and Treasurer. Thirty-
fifth annual convention, June, 1917.

GRAND RAPIDS, MICH.—The business of the Jones Seed Co. has been sold to the A. J. Brown Seed Co.

ALBERT DICKINSON, Chicago, will celebrate the seventy-fourth anniversary of his birthday October 28.

SPRINGFIELD, ILL.—George Jack, formerly with A. C. Brown, seedsman here, is with him no longer.

CHICAGO.—Prices for grass seed on the Board of Trade, October 25, were as follows: Timothy, \$4.00 to \$5.25 per 100 pounds.

WASHINGTON, IA.—The trustee in the bankrupt estate of the Mills Seed Co. here has made a first and final distribution of eight per cent.

WETHERSFIELD, CONN.—Seed growing conditions in this district are pretty serious on the large growers. Common labor at \$3.50 per day is almost prohibitive.

ST. LOUIS, MO.—The forces at the St. Louis Seed Co. and the Schisler-Corneli Seed Co. are being kept busy. All indications point to a good fall season in seeds and bulbs.

SHENANDOAH, IA.—The Henry Field Seed Co. has discontinued the handling of soft house plants and 1-year roses, claiming this class of stock causes more trouble than seeds or bulbs.

NEW YORK.—W. E. Atwood, of the A. T. Boddington Co., Inc., sales staff, whose brother is a member of the flying corps in France, will leave shortly to join the American ambulance corps in that country.

It is reported that the growing of the old Totus Albus Paper White narcissus has been given up in Southern France because the smaller flowers will not sell in competition with those of Paper White Grandiflora.

VISITED CHICAGO: A. J. Brown, of the A. J. Brown Seed Co., Grand Rapids, Mich.; G. C. Thompson, of Northrup, King & Co., Minneapolis, Minn.; E. F. Crossland, of Steele, Briggs Seed Co., Toronto, Ont.; Thos. Madsen, New York.

NEW YORK agents of Vilmorin-Andrieux & Co., Paris, France, report that owing to present exceptional circumstances now prevailing, and the lateness of the crops, the preliminary seed list will be mailed about the middle of October.

NASHVILLE, TENN.—McKay, Reece & Co. have reorganized as the McKay-Reece Co., with the following officers: Duncan McKay, president; J. E. Patter, vice-president; E. F. Baird, secretary-treasurer. Additional warehouse room has been leased.

Dutch Bulb Dumping.

Seedsman of New York and vicinity are complaining of the very evident dumping of Dutch bulbs. The Dutch Bulb Growers' Union was evidently not well advised when it circularized the American trade with the statement that Dutch bulbs would not again be dumped on this market. Not only have surplus bulbs been consigned to the United States in large quantities but both trade and private buyers have been drummed to a finish by circular and otherwise proclaiming the reason of this wholesale dumping of such stocks. Where is the United States government anti-dumping inspector?

Snow Perils Western Seed Crops.

Sioux City, Ia.—We had about eight inches of snow here October 18-19 with some rain, the former drifting badly. Much of the corn in the field was blown over by the wind and the crop is partially covered by snow. We look for about 25 per cent damage to the many crops still in the field. However, the weather is now clear and if it warms up and the snow disappears quickly the condition will be improved. The sweet corn was good and dry and will better survive than would have been possible under less favorable circumstances.

SIoux CITY SEED & NURSERY CO.

Waterloo, Neb., October 20.—We have just passed through a very unusual storm for the time of year. It snowed more or less all day yesterday, although we only have about three inches. The snow was preceded by some rain, but not a great deal. The thermometer went down to 15-18 degrees above zero last night. It is feared a good deal of damage may have occurred to corn and a great many summer squash crops are still in the field. Most of our small corns are grown in the central part of this state and the storm was more severe there than here. We are afraid a good deal of damage has been done and that a short crop will be further reduced in quantity.

J. C. ROBINSON SEED CO.

Onion Seed Vitality.

Following the examination of 1793 samples of onion seed of succeeding crops from 1896 to 1912, the Connecticut experiment station in its annual report for 1915, Part 6, states that, in general, onion seed loses in vitality the second year, but it often happens that seed more than one year old from a crop grown and harvested under fa-

vorable conditions will sprout better than seed less than a year old, which grew or was gathered under unfavorable conditions. It is the opinion of the station, that with sufficient skill in separating seed after threshing and winnowing, Connecticut grown seed can be put on the market which will compare favorably with California seed, from the standpoint of high germination.

Gladiolus Diseases.

Continued appearance of several kinds of diseases in certain varieties of gladiolus bulbs, appearing either at digging or developing during winter storage, the nature and control of most if not all, of which seems to be entirely unknown to both state and government experts, prompts careful growers to discard all planting stock showing disease. The further question arises, Should any infected stock be used at all, especially on soil which may be used again? It is said that germs of "hard rot" will remain four years in soil where such infected bulbs have been grown. Of the well known kinds of diseases "hard rot" seems most prevalent, infecting a larger percentage of the varieties which it attacks and apparently making good progress in winter somewhat as crocus disease operates. Another more deadly infection is a dark brown, soft decay, which infects one-fourth or more of the substance of the bulb and quickly and rapidly involves 50 or even a larger per cent of it. As this develops the central part of this decayed portion becomes hollow and of a lighter brown color.

French Seed Crops.

A recent summary of the seed crop conditions in France contains the following:

"In general the land usually reserved for seed crops has been diverted to other purposes. The heavy drain on the country of all men capable of bearing arms between the ages of 18 and 48 has been a great burden in the country districts. Proficient and able-bodied help is no longer forthcoming. Many of the farms are much neglected. The women are nobly performing along with the men past military service and children their full share of the responsibilities of the war, but prefer to grow potatoes, haricots and wheat to the troubles of seed raising. Moreover, the prices are more remunerative and deals are made on a cash basis. This is of great importance to the small farmer as the cost of living has gone up considerably the past year."

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Trade Directory

PRICE: \$3.00, postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St.

CHICAGO

Braslan

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT,
PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED
GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Seed Growers

SAN JOSE, CALIFORNIA

Company

Lilium Harrisii BULBS

	Per 100	Per 1000
5 in. to 7 in.....	\$ 4.50	\$36.00
7 in. to 9 in.....	8.00	72.00

PAPER WHITE NARCISSUS GRANDIFLORUS

Prices on application.

WE OFFER TO FLORISTS
A CHOICE SELECTION OF
HYACINTHS, TULIPS, Etc.,

FOR FORCING OR
OUTDOOR PLANTING.

Send us a list of your requirements and
we will give you attractive
special prices.

J. M. THORBURN & CO.
53 Barclay Street, through to 54 Park Place
NEW YORK CITY.

Seed Importation Act Amended.

The joint regulations of the secretary of agriculture and the secretary of the treasury for the enforcement of the seed-importation act of August 24, 1912, as amended by the agricultural appropriation act of August 11, 1916, as compared with those published in T. D. 35363 of May 3, 1915, are as follows:

(1) Definitions of rye grass and vetch are included, the original act having been extended by the amending act referred to above so as to cover these seeds.

(2) More exact instructions for the sampling of screenings which result from the recleaning of seed in bond are provided.

(3) More definite disposition is provided for the various classes of screenings removed from seed in bond.

(4) Provision is made for the mixing of seeds of similar quality upon a written permit of the secretary of agriculture.

Imports at New York.

For the week ending October 21, imports were received at New York as follows:

From Rotterdam, Holland—
McHutchison & Co., 152 cases plants.
Chas. Schwake & Co., 47 cases plants.
MacNiff Hort. Co., 362 cases bulbs, 5 cases plants.

A. Rolker & Sons, 8 cases plants.
Johnson & Millang, Inc., 21 cases bulbs, 10 cases plants.

Vaughan's Seed Store, 6 cases bulbs.
W. E. Marshall & Co., 6 cases bulbs.
Stumpp & Walter Co., 12 cases bulbs, 5 cases plants.

Julius Roebrs Co., 119 cases shrubs.
Wadley & Smythe, 35 cases shrubs, etc.
C. F. Meyer, 11 cases bulbs.
Elliott Auction Co., 5 cases bulbs.
Mutillod's Secaucus Nurseries, 19 cases plants.
H. H. Berger & Co., 1 case bulbs.
W. J. Elliott, 7 cases bulbs.
Weeber & Don, 31 cases bulbs.
J. M. Thorburn & Co., 2 cases seed.
From Havre, France—
H. Frank Darrow Co., Inc., 22 bags seeds.

Disclaimer Resolution.

The following resolution was unanimously adopted at the annual convention of the American Seed Trade Association, held at Chicago, June 20-22, 1916:

Resolved, That this association is opposed to any legislation affecting the germination of seeds, nullifying the disclaimer, or interfering with interstate commerce.

Asparagus Plumosus Nanus

Greenhouse Grown Seed

1,000 Seeds, \$3.50 10,000 Seeds, \$32.50

Californian Grown Seed

1,000 Seeds, \$2.50 10,000 Seeds, \$22.50

5 per cent discount, Cash with order.

ARTHUR T. BODDINGTON CO., Inc.
128 Chambers Street, NEW YORK.

Kentia Seeds

New Crop--Just Arrived.

KENTIA BELMOREANA KENTIA FORSTERIANA
COCOS WEDDELIANA

WRITE FOR IMPORT PRICES, STATING QUANTITY REQUIRED.

McHUTCHISON & CO., THE IMPORT HOUSE 95 Chambers St., NEW YORK

BEANS, PEAS, RADISH

AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write for prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St., Telephone Main 2762. CHICAGO

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, NEBRASKA

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc.
Moorestown, New Jersey

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomdsdale Farm. **Bristol, Pa.**

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.
SANTA ANA, CALIFORNIA.

Before Placing Orders for

SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; **TOMATO, LIMA and POLE BEANS,** write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Petunias Petunias

Seeds of our celebrated strains
will be ready in November.

Seedsmen can safely recommend our
Giants of California, Fluffy Ruffles, Giant
White, Marvelous double, and Peony-
Flowered double.

Gold Medal Panama—Pacific Exposition.
Silver Medal Panama—Calif. Exposition.

Prices and list on application.

T. B. SHEPHERD CO.,
VENTURA, CALIF.

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of
Pedigree Tomato Seeds Baltimore, Md.

American Bulb Co.

A. Miller, President.

WHOLESALE DEALERS IN

Bulbs, Seeds, Supplies, Etc.

178 N. Wabash Ave., Chicago, Ill.

THE J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Canta-
loupe, Watermelon, Squash and Pumpkin
seed; Sugar, Flint and Field Seed Corns.

Contract Seed Growers

Specialties: Pepper, Egg plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

My New PRICE LIST of

**Winter Orchid-Flowering
Sweet Pea Seed**

Has been mailed. If you have not received a
copy, send Postal for it.

Part of new crop is ready now.

Ant. C. Zvolanek, Lompoc, Calif.

BARNARD'S
Seed Store
231-235 W. Madison St.
CHICAGO.

Send Us Your Order Now.

Imported Bulbs

**Narcissi, Hyacinths and Tulips
Freesias and Japan Lilies**

We Offer
The Best Stock Grown.

Write for
Trade Price List.

ST. LOUIS SEED CO.,

The Home of "Pure and Sure Seeds"

411-413 Washington Ave.,

St. Louis, Mo.

Mention the American Florist when writing

KELWAY'S SEEDS--Flower, Vegetable and Farm

For present delivery or on contract. Wholesale only.

Special quotations for next season and
from 1917 harvest now ready.

Langport, - England.

Mention the American Florist when writing

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed
and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
Solicited.

SWEDSBORO, N. J.

Grass Mixtures

— FOR —

Golf-Tennis-Polo

MEET ALL REQUIREMENTS FOR ALL SOILS

The Albert Dickinson Co.,
CHICAGO, ILL.

The L. D. Waller Seed Co.

Gaudalupe, California

Wholesale Growers of

**FLOWER SEEDS, SWEET
PEAS AND NASTURTIUMS**

Correspondence Solicited.

Henry Fish Seed Co.

**Bean Growers for the
Wholesale Seed Trade**

CARPINTERIA, CALIF.

Mention the American Florist when writing.

BRUNNINGS

Now contracting for Beans and Peas
for 1917, 1916 stocks being exhausted.

AUSTRALIAN BROWN ONION

1915-1916 crop seed still available

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Asters,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing.

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip,
Radish, Beet, Etc.

Branches: Michigan, WISCONSIN and IDAHO. **MILFORD, CONN.**

Mention the American Florist when writing.

For Indoors or Outdoors--Do it Now

NARCISSUS PAPER WHITE GRANDIFLORA

A few cases only:
13 ctm. and up
14 ctm. and up
Write for prices

DARWIN TULIPS IN QUANTITY. GRAND BEDDERS.

SPECIAL PRICES on LEADERS in
Bulbs for Present Planting

HYACINTHS

	Per 1000		Per 1000
Hyacinths Named, 1st size, our selection.....	\$42.00	Miniature, our selection.....	\$12.50
Hyacinths Named, 2nd size, our selection.....	30.00	Mooy's Christmas Pink Hyacinth	38.00

TULIPS—Early Single Named

	Per 1000		Per 1000		Per 1000
La Reine	\$ 7.00	Rose Gris de Lin.....	\$ 7.50	Duchess de Parma.....	\$ 9.50
Artus.....	6.50	Keizerskroon.....	12.00	Couronne d'Or (double)	14.50
L'Immaculee.....	8.50	Yellow Prince.....	8.65	MURILLO (double).....	10.00
Cottage Maid.....	8.25	Couleur Cardinal.....	14.50	Fine Mixed Single.....	6.00

TULIPS—Darwin and Cottage

	Per 1000		Per 1000		Per 1000
Pride of Haarlem.....	\$11.50	Baron de La Tonnaye.....	\$10.00	EUROPE.....	\$15.00
GESNERIA-A SPATHULATA.....	9.50	FLAMBEAU.....	11.50	SULTAN.....	10.00
Clara Butt.....	10.00	REV. H. EWBANK.....	14.00	MARGARET.....	9.00
MAD. KRELACE.....	13.00	NAUTICUS.....	11.00	Maiden's Blush.....	10.00
Glare of the Garden.....	25.00	Inglescomb Pink.....	12.00	Parisian White.....	12.00
Bouton d'Or.....	9.50	Inglescomb Scarlet.....	16.00	Parisian Yellow.....	13.50
Elegans (Red).....	13.00	Isabella.....	9.00	The Fawn.....	18.00
Emerald Gem.....	24.00	Leghorn Bonnet.....	13.50		

Lilium Formosum

	Per 1000
5 to 8-inch, (350 to case) regular strain.....	\$35.00
6 to 8-inch (350 to case) true black stem variety.....	40.00

Lilium Giganteum

	Per 1000
6 to 8-inch (400 to case).....	\$30.00
7 to 9-inch (300 to case).....	45 00
8 to 9-inch (250 to case).....	65 00
8 to 10-inch (225 to case).....	73 50

Lilium Candidum

Just Arrived—Steamer Delayed.

	Per 1000
Regular (20-22 ctm.).....	\$48.00
Extra (22-24 ctm.).....	60.00
Mammoth (24 ctm. and over).....	72.50

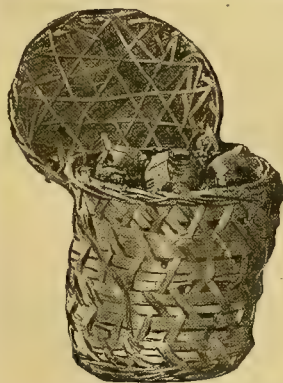
Lilium Multiflorum

	Per 1000
7 to 9-inch (300 to case).....	\$45.00

VAUGHAN'S SEED STORE

CHICAGO

NEW YORK



James Vick's Sons

Seedsman, Nurserymen, Florists

SEEDS All the leading
PLANTS kinds for summer
BULBS and fall planting.

Ask for Catalogues. ROCHESTER, N. Y.

Mention the American Florist when writing

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

Mention the American Florist when writing

SIMON LOUIS FRERES & CO.,

Bruyeres-le-Chatel (Seine et Oise), France.

ESTABLISHED 1666.

Wholesale Growers and Exporters of Choice Stocks of

Vegetable, Flower and Forage Seeds

Specialties—Giant Half-Sugar Mangel-Wurzel, Beet, Carrot, Celery, Dandelion,
Endive, Leek, Lettuce, Radish, Swiss-Chard, Swede and Turnip,
IMPORTERS OF—Red-top, Meadow Fescue, Blue
Grass, Sunflower, Timothy and Garden Peas. ENGLISH
CORRESPONDENCE.

Our traveling salesman, MR. LAWRENCE S. PAYN, who has been calling on the American
trade for many years past, is now in the United States and all mail should be addressed
to him care F. B. Vandegrift & Co., 15 Whitehall Street, New York.

The Early Advertisement Gets There.

Market Gardeners

Vegetable Growers' Association of America.

H. W. Selby, Philadelphia, Pa., President;
H. F. Thompson, Arlington, Mass., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; Eugene Davis, Grand Rapids,
Mich., Treasurer.

Next annual convention will be held at
Springfield, Mass., in 1917.

THE potato market at New York has shown signs of weakening. Offerings have been large with no fair demand, and lower prices were easily established on nearly all grades of whites. —Good onions were steady and well controlled.

Prices of Indoor Fruits and Vegetables.

Chicago, Oct. 24.—Mushrooms, home grown, 15 to 25 cents per pound; lettuce, small cases, 6 to 8 cents; radishes, \$1.00 per 100 bunches; celery, 40 to 50 cents per box; tomatoes, 10-lb. baskets, \$1.00 to \$1.25; cucumbers, per 2 dozen box, \$1.50 to \$1.75.

New York, Oct. 24.—Celery, per crate, \$1.00 to \$3.00; cucumbers, 75 cents to \$2.00 per basket; mushrooms, \$1.00 to \$2.00 per 4-lb. basket; tomatoes, per package, 25 cents to \$1.50; radishes, per 100 bunches, 50 cents to \$1.00; lettuce, per package, 25 cents to \$1.50.

Onion Exports from Valencia.

The 1916-17 onion export season opened for the Valencia district May 15, and shipments to September 16 have amounted to 852,860 cases and 584,995 crates as compared with 661,057 cases and 235,230 crates for the corresponding period of 1915, according to Consul John R. Putnam. The shipments to the United States began June 20, 1916, and have totaled for the less than three months period 564,835 crates and 20,034 cases as against 231,045 crates and 18,703 cases shipped during the same period last year. The export of onions from this district is steadily increasing each year.

Harvesting Sweet Potatoes.

Sweet potatoes must be harvested and stored with the utmost care, say specialists of the United States department of agriculture, if their production is to prove profitable. Any bruising of the roots, either in the field or in storage, will greatly increase the percentage of loss.

Throughout most of the sweet potato producing region the harvest will take place within the next six weeks or two months. Growers should be sure before digging that the roots are mature, and they should select a time when the ground is dry and the day bright. If frost nips the plants, the roots should be dug within the next few days, and, if this is impossible, the dead plants should be cut off at the ground with a hoe so that in rotting they will not carry the decay to the roots.

Care should be taken in plowing out the potatoes to avoid all bruising by contact between the implements used and the roots. The soil should then be scratched away from the potatoes and they should be left exposed for several hours to dry. Picking should

be in padded boxes, baskets, or crates. The roots should be carefully placed, not thrown into the picking receptacles. Although sweet potatoes do not have the appearance of being easily injured, they require, in fact, as careful handling as oranges and apples.

Handling should be minimized to as great an extent as possible. This makes desirable a rough sorting in the field by placing the largest potatoes in one picking container, the smallest in another, and the bruised roots in a third. In no case should sacks be used either as temporary containers or for marketing purposes. Diseased potatoes should be placed in none of the assortments. Such roots should not be left permanently in the field, however, to contaminate the soil, but should be gathered and fed to pigs.

Sweet potatoes may be satisfactorily stored in bins, but where economically practicable it is advisable to store in crates or hampers, since such a practice reduces pressure on the roots, permits better ventilation, and confines such rotting as may start to a relatively restricted space.

Where storage is to be in bins or other receptacles these should, if they have been used before, be thoroughly disinfected by spraying with solutions of formalin or copper sulphate. The former should be used in the proportion of 1 pint to 30 gallons of water. The copper sulphate should be used at the rate of 1 pound to 25 gallons of water. With either solution a second spraying should be given after 24 hours.

Further information on this subject may be obtained from Farmers' Bulletin No. 548.

Celery Roots Bunched.

The report of the Connecticut agricultural experiment station botanist for 1915 calls attention to celery which after being transplanted remains small or becomes stunted during the season due to lack of sufficient fertilizer or of sufficient cultivation to enable the plants to make use of it in a normal growth. A somewhat similar trouble is attributed to excessive fertilization and the plants remain stunted, appearing "pot bound." While the roots in two fields under observation were massed together and had a reddish diseased appearance, no signs of fungus or bacterial cause were seen, the trouble being apparently due to fertilizer burn. In some instances the worst spots show a red color of the soil, due to the development of an unusual amount of unicellular alga, indicating an unusual condition of the soil solutions.

Nashville, Tenn.

AUTUMN BRINGS GOOD BUSINESS.

With the coming of the first frost and the approach of cold weather, the opening of the many schools, the inauguration of the social season, and the daily announcement of brides and brides-to-be, trade has taken a decided upward tendency which promises to be permanent during the season. Some very handsome wedding decorations have already been arranged at churches and homes, with a long list of bridesmaids, necessitating many elaborate bouquets, all of which made business good. The supply has grown with the season and the demand, and is very good. Chrysanthemums are coming in, in rich profusion and are much in demand for any and all occasions. Roses are much improved, the blossoms fine, but in some instances with short stems, but good blossoms and plentiful. American Beauty is coming on nicely and already is good to look upon. Carnations are excellent and good in supply. There is still a plentiful supply of lilies, there never having been a scarcity of them even through the summer season. The florists seemed to take a good deal of interest in a society stunt given here recently which they called "Fashions and Follies" and among other things demonstrated, the fashionable flower to be used with each gown and for each festive occasion, was shown off to advantage.

NOTES.

McIntyre Bros. have again opened up their stand in the market house. While doing a large business at their beautiful West End store, they find it profitable to also sell in the open market, reaching an entirely different class of customers. They have a fine supply of pot plants, chrysanthemums, cyclamen and a variety of cut blooms on sale.

Geny Bros. have an abundant supply of fine chrysanthemums and their roses are first class. They have fine Richmond, Killarney, both white and pink, Kaiserin, American Beauty, Aaron Ward and Mrs. Russell.

The Joy Floral Company is showing very fine American Beauty and other roses, as well as a choice lot of chrysanthemums and carnations. They have had some very fine wedding orders recently.

Funeral business continues good.
M. C. D.

Mushrooms

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Assorted rich colors, 4-inch at \$1.50 per doz.; \$12.00 per 100; \$100.00 per 1000.

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9-inch at \$15.00 per doz.
10-inch at \$18.00 per doz.
Assorted Ferns for Dishes, 2-in at \$3.00 per 100.
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3-in. at \$6.00 per 100; 4-in. at \$9.00 per 100.

DRACAENA FRAGRANS:

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3-inch at \$5.00 per 100.

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2 1/4-inch, \$3.00 per 100.

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Cocos Weddelliana, 2-inch at \$1.75 per doz.; \$14.00 per 100.
Cocos Weddelliana, 3-in. at \$2.50 per doz.

COLEUS:

Brilliant, 2-inch at \$3.00 per 100.
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5-inch at \$2.50 per doz.

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4-in., assorted, bright colors, at \$3.60 per doz.
5-in., assorted, bright colors, at \$6.00 per doz.

MISCELLANEOUS:

Ficus Nitida, 4-in., per 100.....\$3.00
Kentia Belmoreana, 5-in., per doz..... 9.00
English Ivy, 4-in., per doz..... 1.50
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Glorie of Wandsbek, Sunset,
Rose of Wandsbek, Excelsior,
Dark Red, Prince of Wales,
Brilliant Red, Princess May,
Bright Red, White with pink eye.

3-inch, assorted colors, \$8.00 per 100.

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48 in.. " 40-in.....		15.00	28.00
PYRAMID—5 ft. high 24 in. diam.		8.00	15.00
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	IN TUBS	Each	Pair
PYRAMIDS—	2 1/2-ft.....	\$2.00	\$3.75
	3-ft.....	2.50	4.50
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STANDARDS—	18-20-inch stem, 12 inch ball tops.	3.00	5.50
	12-in. stem, 12-in. crown.....	1.25	2.25
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American Association of Nurserymen.

John Watson, Newark, N. Y., President;
Lloyd C. Stark, Louisiana, Mo., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Forty-second annual convention will be held at Philadelphia, Pa., June, 1917.

WENATCHEE, WASH.—The Columbia & Okanogan Nursery Co., of this city, has been incorporated with a capital stock of \$20,000.

LAWRENCE, KAN.—Theo. E. Griesa, for many years in the nursery business in this city, has filed a petition in bankruptcy, with liabilities of \$24,564.87 and assets, \$21,425.47.

LOUISVILLE, KY.—The board of education of this city, through Samuel D. Jones, its business director, is asking for bids on 1,000 pin oaks and Norway maples for planting in public school playgrounds.

OCTOBER weather has been favorable for digging and handling out-door stock, but all growers and nurserymen should remember that we are nearing the date when all such operations are attended with freezing risks and will do well to provide nightly against damage from stiff frosts and arrange for warm refrigerator cars for transportation.

Peony Bulletin.

We have received from Secretary A. P. Saunders, Clinton, N. Y., Bulletin No. 3 of the American Peony Society, containing proceedings of the society at its annual convention, held at New York, June 9-11, 1916, report of the New York exhibition, reports on local exhibitions, a symposium of the new foreign varieties, "Peonia lutea as a Basis for Cross-fertilization," by Winthrop H. Thurlow, and "Peony Fragrance." Copies of this bulletin may be had by anyone interested on application to the secretary as above.

California Association of Nurserymen.

The sixth annual convention of the California Association of Nurserymen, scheduled to take place at the Civic Recreation building, Santa Barbara, October 26-28, has been postponed for one week. The association has extended an invitation to all horticulturists, landscape gardeners, florists, seedsmen and nurserymen to attend this meeting. The following programme replete with papers and discussions having to do with many phases of horticulture should prove of more than usual interest:

"Production, Prices, Salesmanship and Credits," by Geo. C. Roeding, Fresno; "Horticultural Laws, Pomologists and Plantmen," by Geo. H. Hecke, Sacramento; "Transportation Freight Rates as Affecting the Development of California's Nursery Industry," by Chas. W. Ward, Eureka; "California Native Plants in Our Parks and Gardens," by Theodore Payne, Los Angeles; "The Orange and Lemon in an Art Atmosphere," by F. N. Renfro, San Bernardino; "Standardization of Commercial Nursery Products," by Wm. T. Kirkman, Jr., Fresno; "The Proposed California Pure Seed Law," by

Geo. Weldon, Sacramento; "Commercial Bulb Growing in California," by Colin H. McIsaac, Santa Barbara; "New Plants of Commercial Value to the Trade," by D. W. Coolidge, Pasadena; "The Latest in Avocados and Other Tropical Plants," by T. U. Barber, Los Angeles; "Plant Immigrants in Our Parks and Gardens," by Prof. R. T. Stevens, Berkeley; "The City Beautiful; its Parks and Boulevards," by Ernest Braunton, Los Angeles; "The House Beautiful," by Mrs. Myrtle Shepherd-Francis, Ventura; "Santa Barbara, a Mecca for Plant Lovers," by Frank Ball, Santa Barbara.

Following the close of the business session, the local reception committee, under direction of W. J. Pettingill, will escort the visitors on a tour of inspection of many of the beautiful gardens in the vicinity of Santa Barbara, followed by an automobile trip to mountain and seaside resorts and a banquet in the evening.

White Pine Blister.

State boards of agriculture of Massachusetts, New Hampshire, Vermont, New York, Pennsylvania and Rhode Island have issued appeals to citizens to destroy all currant bushes, gooseberry bushes and flowering currant shrubs, as otherwise white pine is doomed. White pine blister, a disease brought from Europe on white pine seedlings a few years ago, has already spread so rapidly as to endanger white pine growth all over New England and other eastern states, but needs leaves of the currant and gooseberry as a go-between for propagation.

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4-in. Asparagus Plumosus.....	7.00	65.00
4-in. Asparagus Sprengerii.....	7.00	65.00
2½-in. Begonias, 8 varieties.....	6.00	55.00
2½-in. Chinese Primroses, 20 kinds	3.00	28.00
3-in. Cyclamen, 8 separate vars...	8.00	75.00
4-in. Cyclamen, 8 separate vars...	20.00	175.00
2½-in. Snapdragons, white, pink and yellow	4.00	35.00
5,000 ferns in 5 varieties, fine stock, \$15, \$20 and \$25 per 100		
100,000 2 and 2½-in. Pot geraniums in 28 varieties.....	2.25	20.00
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Prices of rooted cuttings ready for delivery Dec. 15th and later. 25 or less at the rate of \$8.00 per 100. 50 and less than 100 at \$6.00 per 100. Orders of 100, and less than 250, \$5.00 per 100 and orders of 250 or more at the rate of \$45.00 per 1000. All cuttings guaranteed strictly first class.

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Begonias, Vernon.....	2.00	\$18.50	3.00	\$25.00
Coleus	2.00	18.50	3.00	25.00
Cuphea	2.00	18.50	3.00	25.00
Hardy Englias Ivy.....	2.00	18.50	3.00	25.00
Heliotrope	2.00	18.50	3.00	25.00
Lemon Verbenas.....	2.00	18.50	3.00	25.00
Lantanas, 10 varieties.	2.00	18.50	3.00	25.00
Moonvines, white & blue	2.00	18.50	3.00	25.00
Parlor Ivy, S. Scandens	2.00	18.50	3.00	25.00
Petunias, double and				
single mixed	2.00	18.50	3.00	25.00
Pompon Chrysanthemums			3.00	25.00
Salvia, Bonfire & Zurich	2.00	18.50		
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Sewickley Horticultural Society.

The regular meeting of the above society took place in the Odd Fellow's Hall, Sewickley, Pa., Tuesday, October 10, President Wessenauer in the chair. Four new members were elected. Some fine dahlia exhibits were on hand from R. Taylor, T. Sturgis, J. Carman, H. Rapp, G. Wessenauer and M. Curran, which brought forth an interesting discussion on this favorite flower. A vote of thanks was accorded all the exhibitors. The flower and vegetable show, September 22-23, was voted a complete success and the thanks of the society was extended to the committee. Arrangements were gone into for the forthcoming chrysanthemum show, November 2-5, and final committees appointed. The classes for private gardeners are confined to Allegheny county, but the commercial classes are open. Schedules may be had from the Secretary, M. Curran, Sewickley, Pa. The ladies of the Allegheny County Garden Club are giving able assistance and a good show is looked for.

M. CURRAN, Sec'y.

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ASPARAGUS PLUMOSUS, 2½ in., \$3.00 per 100; 3 in., \$6.00 per 100.

ASPARAGUS SPRENGERI, 2½ in., \$3.00 per 100; 3 in., \$5.00 per 100; 4 in. at \$10.00 per 100.

BOUGAINVILLEA SANDERIANA—The finest we ever grew. Trimmed plants, 3 in., \$10.00 per 100; 4 in., \$15.00 per 100; 5 in., \$25.00 per 100.

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KENTIA PALMS, 4 inch pots, 15 to 18 inches high, 5 leaves, \$40.00 per 100; 5 inch pots, 18 to 24 in., 5 to 6 leaves, \$1.00 each.

CANTERBURY BELLS, (Campanula Media) fine field plants for potting for spring sales, ready for 5 inch pots. Blue, Rose and White, \$6.00 per 100.

FUNKIA NUDULATA VARIEGATA—A good seller from pots in early spring. Ready for 4 inch pots, \$6.00 per 100.

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Geo. A. Kuhl, Wholesale Grower,
PERIN, ILL.

Dracæna Indivisa

2-in., \$2.00 per 100; \$18.00 per 1,000.

Per 1000

Vinca Variegata, 2 in., \$2.00 per 100...\$20.00

S. A. Nutt, 2-in..... 16.00

Rex Begonias, 3-in.....per dozen 1.00

Satisfaction guaranteed.

ELMER RAWLINGS,

Wholesale Grower

ALLEGANY, NEW YORK

CARNATIONS

F. DORNER & SONS CO.,

Lafayette, - - Indiana

NEW SCRANTON, N. Y.—Mrs. L. Herrlich, who conducts the Fillmore Conservatory, Buffalo, N. Y., will build a greenhouse here in the spring.

Horticultural Trade Journal

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BURNLEY, ENGLAND

GERANIUMS

Next delivery about Nov. 15th at \$13.50 per 1000 for S. A. Nutt and Buchner and \$16.00 per 1000 for Ricard and Poitevine.

Asparagus Plumosus, fine stock at \$25.00 per 1000; same rate per 100.

ALBERT M. HERR, LANCASTER, PA.

BOXWOODS—MOST BEAUTIFUL STOCK

Pyramids, 2 -ft.....\$1.00 each
Pyramids, 2½-ft..... 1.50 each
Pyramids, 3 -ft..... 2.00 each
Pyramids, 3½-ft..... 2.50 each
Standard Shape, 14x14 in..... 2.50 each
Globes, 14x14 in..... 3.00 each
Heavy Bushes, 2-ft..... 1.50 each
Nice Bushes, 15-in..... 35c each

F. O. FRANZEN 5319 N. Clark St.
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Ready Reference Section.

10 CENTS PER LINE, NET.



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Araucaria Excelsa, 5-in., 60c each; 6-in., 75c to \$1 each; 7-in., \$1.25 to \$1.50 each. Robusta Compacta, 6-in., \$1.25 each; 7-in., \$2 each. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS.

Asparagus Plumosus, 2½-in., \$3 per 100; 3-in., \$6 per 100. Sprengeri, 2½-in., \$3 per 100; 3-in., \$5 per 100; 4-in., \$10 per 100. The Storrs & Harrison Co., Painesville, O.

Asparagus Sprengeri, 3-in., \$5 per 100; Asparagus plumosus, 2-in., \$3 per 100, 3-in., \$6 per 100. The George Wittbold Co., 737 Buckingham Place, Chicago.

Asparagus Sprengeri, 3-in., \$6 per 100; 4-in., \$10 per 100. Plumosus, 2½-in., \$3.50 per 100; 3-in., \$7 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS PLUMOSUS SEEDLINGS, extra strong, \$6.00 per 1,000. VAUGHAN'S GREEN-HOUSES, Western Springs, Ill.

Asparagus Sprengeri, extra strong, 2-in., \$2 per 100; 3-in., \$5 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Asparagus plumosus, Sprengeri and Hatcheri, 2½-in., \$3 per 100; \$25 per 1,000. Alonzo J. Bryan, Washington, N. J.

ASPARAGUS SPRENGERI, 3-in., \$4 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

Asparagus plumosus, fine stock, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

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Azaleas. W. & T. Smith Co., Geneva, N. Y.

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Bay Trees. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEGONIAS.

BEGONIAS—Immediate Delivery.

Per 100 Mrs. J. A. Peterson (new), 2½-in. pots, \$25.00
Per 1,000 200.00
JULIUS ROEHRS CO., Rutherford, N. J.

Begonia Chatelaine, 2½-in., \$3.50 per 100; 3-in., \$8.00 per 100; 4-in., \$15 per 100; 5-in., 25c each. Poehlmann Bros. Co., Morton Grove, Ill.

Begonias. Glory of Cincinnati, Melior and Mrs. J. A. Peterson. Price list on application. J. A. Peterson & Sons, Westwood, Cincinnati, O.

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Begonia Vernon, 2-in. stock, \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

BOXWOOD.

BOXWOODS.

PYRAMIDS. Broad, heavy specimens, 2 ft., \$1.90 each; 2½ ft., \$2.00 each; 3 ft., \$2.50 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee, Ill. Write for prices on larger sizes.

BUSH SHAPE, 10-12-in., balled, 30c each; 18-in., balled, 60c each; 30-in., balled, \$1.75 each.

THE D. HILL NURSERY CO., INC.
Box 404, Dundee, Ill.

BOXWOOD.

Boxwoods. (In tubs), pyramids, bush and standard shapes. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

Boxwoods, bush, 15-in., 50c each; 18-in., 60c each. Poehlmann Bros. Co., Morton Grove, Ill.

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Bulbs. Chinese Narcissus. Per mat of 120 bulbs, \$5. Named Hyacinths, 1st size, \$42 per 1,000; 2nd size, \$30 per 1,000; miniature, \$12.50 per 1,000. Mooy's Christmas pink, \$38 per 1,000. L. Formosum, 6 to 8-in., regular strain, \$35 per 1,000; 6 to 8-in., (350 to case), \$40 per 1,000; 7 to 9-in., (250 to case), \$58; 10 to 12-in., (100 to case), per case, \$12, \$100 per 1,000. L. Candidum, regular, \$48 per 1,000, extra, \$60 per 1,000, mammoth, \$72.50 per 1,000. Tulips, early single named, Darwin and Cottage, for names and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs. Lilium Harrisii, 5 to 7-in., \$4.50 per 100, \$36 per 1,000; 7 to 9-in., \$8 per 100, \$72 per 1,000. Paper White Narcissus Grandiflorus, prices on application. J. M. Thorburn & Co., 53 Barclay St., New York City.

Bulbs. Lilium Formosum and Giganteum, ready now. For sizes and prices see advertisement on front cover page of this issue. Wm. F. Kasting Co., 568-570 Washington Street, Buffalo, N. Y.

Bulbs. Imported. Narcissus. Hyacinths and Tulips. Freesias and Japan Lilies. Write for trade price list. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Bulbs, seeds, supplies, etc. Wholesale only. American Bulb Co., 178 N. Wabash Ave., Chicago.

CARNATIONS.

Carnation Belle Washburn, New red carnation, bright clear red, large flower, non-splitable calyx. Rooted cuttings ready Dec. 15th and later. 25 or less, \$8 per 100; 50 and less than 100, \$6 per 100; 100 and less than 250, \$5 per 100; 250 or more, \$45 per 100. Bassett & Washburn, 178 N. Wabash Ave., Chicago.

Carnations, rooted cuttings, Rosalia, Old Gold, Merry Christmas, Doris, Cottage Maid and Crystal White. Delivery January 1917 and later. \$12 per 100, \$100 per 1,000, 250 at 1,000 rate. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

CARNATION PLANTS. Some extra nice Philadelphia is all we have left. \$5.00 per 100. HENRY SMITH, Grand Rapids, Mich.

Carnation Aviator. Field plants, good strong healthy stock, \$12 per 100; \$100 per 1,000. Delivery now. J. D. Thompson Carnation Co., Joliet, Ill.

Carnations. F. Dörner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

CHRYSANTHEMUM STOCK PLANTS.

Fine large plants full of cuttings. Price, \$15.00 per 100, \$3.00 per dozen. We dig all our plants from soil. They are not pulled up. Varieties—in white, Early Frost, Crystal Gem, Oconto, White Chieftain, October Frost. In yellow—Golden Queen, Marigold, Yellow October Frost. In pink—McNiece.

BASSETT & WASHBURN.
178 N. Wabash Ave., Chicago

ALEX GUTTMANN.

Chrysanthemum (Dinda), the best early lavender-pink in the market. Blooms have been selling for \$6.00 per dozen since middle of September. Stock plants 75c each; \$7.50 per dozen. GUTTMANN & RAYNOR, Inc., Wholesale Florists, 101 W. 28th St., New York, or Frank Dinda, Farmingdale, L. I., N. Y.

CHRYSANTHEMUMS. Good commercial varieties, 2½-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums, pompon variety, 3-in., \$3 per 100, \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

COLEUS "Defiance." It defies any other coleus for commercial purposes. C. Winterich, Cyclamen Specialist, Defiance, O.

Coleus. Brilliancy, 2-in., \$3 per 100; Trailing Queen, \$2.50 per 100. The George Wittbold Co., 737 Buckingham Place, Chicago.

Coleus, Emperor William, 5-in., 25c to 35c each. Poehlmann Bros. Co., Morton Grove, Ill.

CROTONS.

Crotons, 4-in., \$4.20 per doz.; 5-in., \$6 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

Crotons. Good 4-in. stock, \$3.50 per doz., \$25 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Crotons, 4-in., 40c each. Poehlmann Bros. Co., Morton Grove, Ill.

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CYCLAMEN, fine 4-in. stock, giant quality, \$15.00, \$20.00 and \$25.00 per 100. C. Winterich, Cyclamen Specialist, Defiance, O.

CYCLAMEN, improved Wandsbek type, 4-in., 15c to 20c; 5-in., 35c to 50c; 6-in., 60c to 75c. All in bud and in excellent condition. Cyclamen seedlings, Wandsbek type, 8 varieties, equally divided, \$30.00 per 1,000, \$4.00 per 100. Rocco erecta, new pink, mixed, \$5.00 per 100. ERNEST ROBER, Wilmette, Ill.

Cyclamens, best varieties, 3-in., assorted colors, \$8 per 100; 5-in., assorted colors, \$4.50 per doz., \$35 per 100. The George Wittbold Co., 737 Buckingham Place, Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

DAHLIAS.

Dahlias. Best new and standard varieties. Peacock Dahlia Farms, Williamstown Junction, N. J.

DAISIES.

BEST FLOWERING DAISIES. Chicago White, special strain, 2½-in., \$5.00 per 100; Etoile D'Or (yellow), 2½-in., \$5.00 per 100. Cash, please. A. E. HUNT & CO., 30 E. Randolph St., Chicago.

DAISIES (bellis). Monstrosa, white and pink, also Longfellow and Snowball; strong, field-grown seedlings, \$2.00 per 1,000. Cash. Brill Celery Gardens, Kalamazoo, Mich.

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Deutzia Gracilis, pot grown, very bushy plants, now ready. Splendid forcing stock. 6-in., \$2.60 per doz., \$18 per 100; 8-in., \$3.50 per doz., \$25 per 100. Vaughan's Seed Store, Chicago and New York.

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DRACAENA INDIVISA. 5-in., \$35.00 per 100; 4-in., \$15.00 per 100; 3-in., \$6.00 per 100. ERNEST ROBER, Wilmette, Ill.

Dracaena fragrans, 4-in., bushy stock. \$3 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

DRACAENA INDIVISA. 5-in., 35c. Harry Heintz, West Toledo, O.

Dracaena Indivisa, 2-in., \$2 per 100, \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

FERNS.**BOSTON FERNS.**

	Per dozen.
5-inch	\$ 2.40
6-inch	4.20
7-inch	9.00
8-inch	12.00
9-inch	15.00

The George Wittbold Co.,
737 Buckingham Place, Chicago.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

TABLE FERNS. best varieties, fine stock, 2-in., \$3 per 100, \$25 per 1,000; 3-in., \$5 per 100, \$40 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Ferns, Boston, 4-in., \$15 per 100; 7-in., \$6 per doz.; 8-in., \$1 each, \$9 per doz. Large plants in 11 and 12-in. pots, \$2 to \$5 each. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Fine Nephrolepis ferns. For varieties and prices see advertisement elsewhere in this issue. F. R. Pierson Co., Tarrytown, N. Y.

Ferns, Boston, 5-in., 40c each. New fern, John Wanamaker, 6-in., 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

Fern dish ferns, 2½-in., best sorts, \$3 per 100. The Storrs & Harrison Co., Painesville, O.

GERANIUMS.

GERANIUMS. Extra strong, 2-in., S. A. Nutt, Ruby (best dark red), Dagata, Ricard, Red Wing, Viaud, Landry, La Favorite, Perkins, Oberle and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wylie, Aviator, Rogers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. F. H. DE WITT & CO., Wooster, O.

Geraniums. Alph. Ricard, Beauty Poitevine, Jean Viaud, Edmond Blanc and Scarlet Bedder, 2-in., \$2 per 100, \$20 per 1,000; 3-in., \$3 per 100, \$30 per 1,000. S. A. Nutt, Gen. Grant, Mad. Buchner, Mad. Recamier, Jean Oberle, Abbie Schaffer, E. G. Trego, etc., 2-in., \$2 per 100, \$18.50 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, 2-in. pots, the following varieties in first class condition: Poitevine, Ricard, S. A. Nutt, E. C. Hill, Maryland, Perkins, Buchner, Alliance and Thibaut, \$22.50 per 1,000, for all orders booked before Nov. 10th. S. S. Pennock-Meehan Co., 1612 Ludlow St., Philadelphia.

GERANIUMS.

GERANIUM CUTTINGS. extra well rooted Nutt, \$10.00 per 1,000, \$1.25 per 100. American Beauty, Hill, Thos. Meehan, Montmore, Landry, Scarlet Bedder, Gen. Wayne and Ruby, \$15.00 per 1,000, \$1.50 per 100. Mixed of above varieties, \$10.00 per 1,000, \$1.25 per 100. CHRIST WINTERICH, Cyclamen Specialist, Defiance, O.

GERANIUMS. Mixed varieties, fine healthy plants, \$8.00 per 100. M. C. GUNTERBERG, 158 North Wabash Avenue, Chicago.

Geraniums, 100,000 in 2 and 2½-in. pots, in 28 varieties, \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, S. A. Nutt and Buchner, \$13.50 per 1,000; Ricard and Poitevine, \$16 per 1,000. Albert M. Herr, Lancaster, Pa.

GREENS.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. Caldwell, The Woodsman Co., Evergreen, Ala.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

Southern wild smilax, \$2.00 per case here. WINTERGREEN GARDENS, Marion, Ill.

HEDGE PLANTS.

	Per 1,000
Calif. Privet, 1 yr., 10 to 18-in.	\$ 6.00
" " 2 yr., 12 to 18-in.	10.00
" " 2 yr., 18 to 24-in.	12.00
" " 2 yr., 2 to 3 ft.	15.00
Spiraea, Van Houttei, 3 to 4 ft.	7.00
Reeresil, 3 to 4 ft.	7.00
Althea, Named, 2 to 3 ft.	10.00
Barberry, Thun., 12 to 18-in.	4.00
" " 18 to 24-in.	7.00

Send for complete trade list.

THE LANCASTER COUNTY NURSERIES.
R. F. D. No. 7, Lancaster, Pa.

HYDRANGEAS.

Hydrangeas, French. Heavy, well-grown field plants, 12 to 18 shoots, ready for 7 to 8 in. pots, \$7 per doz.; \$50 per 100. The Storrs & Harrison Co., Painesville, O.

HYDRANGAEA OTAKSA. 3-in., \$5 per 100. Flowering sizes pot-grown, 25c to 50c each. HENRY SMITH, Grand Rapids, Mich.

Hydrangeas. 4-in., \$20, 5-in., \$30, 6-in., \$40 per 100. S. S. Pennock-Meehan Co., 1612 Ludlow St., Philadelphia, Pa.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

Hardy English ivy, 2-in., \$2 per 100, \$18.50 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERMAN IVY. rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

JERUSALEM CHERRIES.

Jerusalem Cherries, 4-in., stocky, \$1.00 per doz., \$8 per 100. The George Wittbold Co., 737 Buckingham Place, Chicago.

LANTANAS.

LANTANAS, mixed, 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the valley. Finest in existence. For quotations address Otto Mann, Leipzig, Saxony, Germany.

MOONVINES.

Moonvines, lemon verbenas, swainsona, parlor ivy, S. scandens, alternanthera, coleus, euphea, petunias, double and single mixed, ageratum, 2-in., \$2 per 100, \$18.50 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

NURSERY STOCK.

Write for wholesale price list of ornamental nursery stock. MAYWOOD NURSERY CO., Maywood, Ill.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.**PALMS.****KENTIA FORSTERIANA SINGLE PLANTS.**

Leaves	Each
6 inch pots 5-6 28 inches high...	\$ 1.25
6 inch pots 6-7 32-34 inches high...	1.50
6 inch pots 6-7 34-36 inches high...	2.00
8 inch tubs 6-7 40-42 inches high...	3.50
8 inch tubs 6-7 42-46 inches high...	4.00
8 inch tubs 6-7 50 inches high...	5.00
9 inch tubs 6-7 52-56 inches high...	7.00
10 inch tubs 6-7 60 inches high...	8.00
10 inch tubs 6-7 60-65 inches high...	12.00
15 inch tubs 6-7 8 feet high...	40.00
15 inch tubs 6-7 9-10 feet high...	50.00

KENTIA BELMOREANA SINGLE PLANTS.

Leaves	Each
2½ inch pots 4 16-18 inches high...	\$ 1.50 per doz., \$12 per 100
4 inch pots 5-6 16-18 inches high...	5.00
6 inch pots 5-6 24 inches high...	1.25
6 inch pots 5-6 28 inches high...	1.50
8 inch tubs 5-6 42 inches high...	5.00

KENTIA FORSTERIANA MADE UP PLANTS.

Plants	Each
6 inch pots 3 26-28 inches high...	\$ 2.00
7 inch tubs 3 30-32 inches high...	2.50
8 inch tubs 3 38 inches high...	4.00
8 inch tubs 4 48-50 inches high...	5.00
9 inch tubs 4 52 inches high...	6.00
10 inch tubs 4 54 inches high...	8.00
12 inch tubs 4 60-64 inches high...	12.00
12 inch tubs 4 66 inches high...	15.00
15 inch tubs 4 6-6½ ft. high, heavy...	25.00
15 inch tubs 4 75-80 inches high...	30.00

ARECA LUTESCENS.

Plants	Each
6 inch pots 4 bushy, 24-26 inches high...	\$1.25

ASPIDISTRAS.

5 inch pots 10-12 leaves green	\$1.00
6 inch pots 18-20 leaves green	1.50
5 inch pots 10-12 leaves var.	1.50

POEHLMANN BROS. CO.,

Morton Grove, Illinois.

LATANIA BARBONICA PALMS. 15-in. tubs, suitable for decorative work, \$5 each. Pandanus Veitchii, 15-in. tubs, \$5 each. HENRY SMITH, Grand Rapids, Mich.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th Sts., Philadelphia, Pa.

Kentia Palms, 4-in., \$40 per 100; 5-in., \$1 each. The Storrs & Harrison Co., Painesville, O.

Palms. Joseph Heacock Co., Wyncote, Pa.

PANDANUS.

PANDANUS VEITCHII. 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. HENRY SMITH, Grand Rapids, Mich.

Pandanus Veitchii, 4-in., 35c each; 6-in., 75c to \$1 each; 7-in., \$1.25 each; 9-in., \$2.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

PANSIES.

Giant Flowering Pansy seedlings, heavily rooted, 35c per 100; \$2.50 per 1,000. Steele's Private Stock Pansy seedlings, exhibition strain, 50c per 100, \$4.50 per 1,000. Prepared to ship immediately short distances; advise shipping long distances only after October 10, to allow frost to harden. Cash. JOS. H. CUNNINGHAM, Delaware, Ohio.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

PANSIES.**THE BEST GIANT PANSIES.**

Our pansies are the best the world produces. They combine the choicest large flowering sorts of both European and American growers. It has been our aim to make this the finest strain of this favorite flower in existence. Raised at an altitude of 5,721 ft. above sea level gives them lots of fibrous roots. They start quickly. They are not soft.

Send your order in at once with the cash for field-grown plants, \$3.50 per 1,000.

GLOBE GREENHOUSES,
2nd Ave., Munroe and Garfield Sts., Denver, Col.

PEONIES.

Peonies. Write for list. Peterson Nursery. Stock Exchange Bldg., Chicago.

PEPPERS.

Peppers, Bird's-Eye, bushy plants, 4-in., \$12.00 per 100; \$100.00 per 1,000.

Peppers, Celestial, 4-in., \$12.00 per 100; \$100.00 per 1,000.

Jerusalem Cherry, 4-in., \$12.00 per 100; \$100.00 per 1,000.

PYFER & OLSEM, Wilmette, Ill.

PRIMROSES.

PRIMROSES, Obconica, Chinensis and Malacoides, 2-in. pots at \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

POINSETTIAS.

POINSETTIAS, true Christmas double flowering, 2½-in. stock, \$5.00 per 100; \$47.50 per 1,000.

C. Winterich, Cyclamen Specialist, Defiance, O.

PRIMULAS.**PRIMULA MALACOIDES.**

Extra fine stock.	100	1,000
2-inch	\$3.00	\$27.50
2½-inch	4.00	35.00
3-inch	6.00	50.00

PYFER & OLSEM, Wilmette, Ill.

PRIMULA MALACOIDES. 300 extra strong, 2½-in., \$4 per 100 or \$10 for all. 4-in., 15c each; 4-in., extra selected, 20c each. This stock is well worth the money. TEMPERLEY'S, 5318 College Ave., Indianapolis, Ind.

PRIMULA OBCONICA. Gigantea in splendid colors, (no white). 4-in., ready for 5-in., fine for Christmas, \$8.50 per 100. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

PRIMULA OBCONICA. Ronsdorf strain, fine mixed, 3-in., \$6.00 per 100; Malacoides, 3-in., \$6.00 per 100; 4-in., \$10.00 per 100. ERNEST ROBER, Wilmette, Ill.

Primula Obconica. Assorted rich colors, 4-in., \$1.50 per doz.; \$12.00 per 100; \$100 per 1,000. The George Wittbold Co., 737 Buckingham Place, Chicago.

PRIVET.

California Privet, of superior quality, in all sizes from one to four feet. J. T. Lovett, Little Silver, N. J.

PTERIS.

Pteris Wimsetti, 4-in., serrulata, 4-in., cretica albo-lineata, 4-in., \$1.00 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

ROSES.**ROSES.**

2,000 White Killarney, 2½-in., grafted, good, big plants	\$8.00
2,000 Richmond, 2½-in., grafted, good, big plants	8.00
1,000 Cecile Brunner, 3-in., own root, choice stock	4.00
500 American Beauty, 3-in.	8.00

BASSETT & WASHBURN,
178 N. Wabash Ave., Chicago.

Roses. Grafted 3½-in. stock: Pink and White Killarney, Brilliant, Old Gold, Scott Key, Elgar, \$140 per 1,000. Grafted 2½-in. stock: White Killarney, \$100 per 1,000. Own root, 3½-in. stock: Pink and White Killarney, Old Gold, Richmond, Elgar, \$98.70 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

ROSE PLANTS, Pink and White Killarney, 3-in. pots, own roots, \$6 per 100; \$50 per 1,000. My Maryland, 3-in., at \$8 per 100, \$75 per 1,000. All first-class stock. HENRY SMITH, Grand Rapids, Mich.

ROSES.

ROSES. 300 good, healthy Killarneys, grafted from 4-in. pots, 10c each, to close out. Cash or satisfactory reference. Can use a few Rose Pink Enchantress. W. W. COLES, Kokomo, Ind.

Rose Champ Weiland, strong grafted plants, \$35 per 100; 250 for \$82.50; 500 for \$150; 1,000 for \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses. Pot-grown, 2½ and 4-in. Field grown, to pot, 5 to 6-in. The Leedle Floral Co., Springfield, O.

Roses, cannas and shrubbery. The Conard & Jones Co., West Grove, Pa.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

SPECIAL OFFER.

500 seeds free by mail for your name and address and 15c in stamps. 100 Asparagus Sprengeri; 100 Ampelopsis Veitchii; 100 Pepper tree; 100 Chamaerops excelsa; 100 Dracaena australis. GEORGE LEAVER, P. O. Box 1049, Los Angeles, Calif.

Seeds. Kentia. New crop, just arrived, Kentia Belmoreana and Forsteriana, Cocos Weddelana. Write for import prices, stating quantity desired. McHutchison & Co., 95 Chambers St., New York.

Seeds. Asparagus Plumosus Nanus, greenhouse grown, 1,000, \$3.50; 10,000, \$32.50. California grown, 1,000, \$2.50; 10,000, \$22.50. Arthur T. Boddington Co., Inc., 128 Chambers St., New York.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, contract growers of cucumber, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, contract growers of pepper; egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed. Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, specialties: Lettuce, onion, sweet pea, aster, cosmos, mignonette, verbena in variety. Waldo Rohmert, Gilroy, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsley, parsnips, turnips. R. & M. Godineau, Angers, France.

Seeds, large growers and shipper of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellcott Sts., Baltimore, Md.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Petunias. Our celebrated strains will be ready in November. Prices and list on application. F. B. Shepherd Co., Ventura, Calif.

Seeds. Flower and garden seeds. Sweet Pea and Nasturtium a specialty. Routzahn Seed Co., Arroyo Grande, Calif.

SEEDS.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds. Vegetable, flower and forage. Simon Louis Freres & Co., Bruyeres-le-Chatel (Seine et Oise), France.

Seed. Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

Seed. High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds. Flower, sweet pea and nasturtiums. The L. D. Waller Seed Co., Guadalupe, Calif.

Seeds. All the leading kinds for summer and fall planting. James Vick's Sons, Rochester, N. Y.

Seed. Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seeds, flower, vegetable and farm. Wholesale only. Kelway's, Langport, England.

Seeds. Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seeds. Flower and garden. Barnard Seed Store, 231-235 W. Madison St., Chicago.

Seed. For the wholesale trade only. Braslan Seed Growers' Company, San Jose, Calif.

Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seeds which succeed. Get quotations from Landreth, Bristol, Pa.

STRAWBERRY PLANTS.

Progressive and Superb, \$5.00 per 1,000. Other varieties as low as \$1.50 per 1,000. Catalog free. L. G. Tingle, Box 170, Pittsville, Md.

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SNAPDRAGONS, the color of Ophelia rose, beautiful pink yellow, took first prize at the 1915 Cleveland show, topped and branched, 2-in., \$3.00 per 100; \$27.50 per 1,000. C. Winterich, Cyclamen Specialist, Defiance, O.

SWAINSONA.

SWAINSONA, 4-in. pots, fine plants, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

TULIPS.

Tulips. Single named and Darwin. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Darwin tulips. For varieties and prices see advertisement on front cover of this issue. A. Henderson & Co., 211 N. State St., Chicago.

VEGETABLE PLANTS.

FIELD-GROWN PLANTS, all varieties: Cabbage, \$1.00 per 1,000; \$8.50 per 10,000. Celery, \$2.00 per 1,000. Parsley, \$2.50 per 1,000. F. M. PATTINGTON, Scipioville, N. Y.

Grand Rapids and Big Boston head lettuce seedlings, \$1.00 per 1,000; transplanted, \$2.50 per 1,000. Satisfaction guaranteed. S. T. DANLEY & SON, Macomb, Ill.

VINCAS.

Vinca variegata, 2-in., \$2 per 100; \$20 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

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VIOLETS. Gov. Herrick; strong field grown clumps from selected blooming stock, \$5.00 per 100. Cash. W. H. Culp & Co., Wichita, Kansas.

VIOLETS, 500 extra fine, field-grown, California plants at \$4 per 100. DR. J. F. WILSON, 717 Newton Claypool Bldg., Indianapolis.

VIOLETS. Gov. Herrick. The best of all. Fine field clumps, \$5.00 per 100; \$45.00 per 1,000. C. Winterich, Cyclamen Specialist, Defiance, O.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

MISCELLANEOUS.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Choice landscape, decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., box 404, Dundee, Ill.

Japanese tea garden and rockery for your greenhouse and conservatory. Made in a short time. T. R. Otsuka, 300 S. Michigan Ave., Chicago.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Av., Detroit, Mich.

Boiler flues, cleaned and trimmed. Stuttle's clamps and elbows to join flues. H. Munson, 1353 N. Clark St., Chicago.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Japanese miniature gardens, fern dishes, vases, flower pots, jardinières, etc. Nippon Garden, Inc., 259 Fifth Ave., New York.

Daylite glass cleaner, quick and powerful. Will not injure paint or putty; leaves no greasy surface. Andersen Specialty Co., 6 E. Lake St., Chicago.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Norway Spruce for miniature Christmas trees. 2-3 ft., \$15 per 100; 18-24 in., \$12 per 100; 12-18 in., \$10 per 100. Can be shipped at once or later on, up to December 1st. Jackson & Perkins Co., Newark, New York.

Use the scientific constructed Hansell rocker grate. It will mean money in your pocket. Hansell Grate Co., 654 Railway Exchange Bldg., Chicago.

Prepared cycas leaves. Best quality, perfect color, very pliable. 100 assorted sizes up to 36 inches long, \$4.80. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Best stock catalogues for nurserymen. Sample free. Order early. Gillies Litho. & Printing Co., Rochester, N. Y.

Vaughan's perfection points. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Nursery stock of all descriptions. Catalogues and price lists free on application. The Storrs & Harrison Co., Painesville, O.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Catalogues. Large runs our specialty. Write for prices. Regan Printing House, 503 Plymouth Place, Chicago.

Baskets of every description. Write for catalogue. Raedlein Basket Co., 713 Milwaukee Ave., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 1302-1308 West Division street, Chicago.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Boilers of high grade for greenhouses. Write for catalogues. Giblin & Co., Utica, N. Y.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Blooming plants or anything in soft wooded plants. Geo. A. Kuhl, Pekin, Ill.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffa, natural and colored. McHutchison & Co., 95 Chambers, New York.

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It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

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By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

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Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

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Glass, large stock and good prices. Sharp, Partridge & Co., Chicago.

Wired toothpicks, 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Greenhouse boilers. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Everything the best in florists' supplies. H. Bayersdorfer & Co., 1127 Arch St., Philadelphia.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

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Cyclone and hail insurance; also insurance on growing crops while in the fields. The American Mutual Cyclone and Hail Insurance Co., Muncie, Ind.

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Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 908 Blackhawk St., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Jakes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Pecky Cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction and equipment. King Construction Co., North Tonawanda, N. Y.

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Nicotine. The Grassell Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nikoteen, excellent for spraying. Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset flower, vegetable waterproof paper pots. Vaughan's Seed Store, Chicago and New York.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kohn, 2934-36 N. Leavitt St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c for 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 264 Randolph St., Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

STAKES.

Cane Stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000. Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Rose stakes, extra stiff, No. 9 galvanized wire, 4½-ft., \$13.50 per 1,000; carnation supports, \$18 per 1,000. The Carnation Support Co., Connerville, Ind.

WIRE WORK.

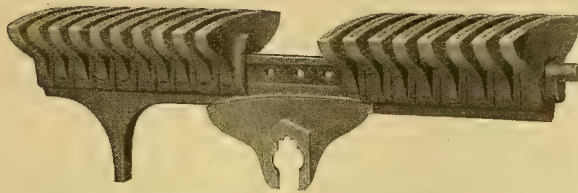
Florists' wire designs and fancy wire lamp shades. NORTHWESTERN WIRE WORKS, 228 13th Ave., N. E., Minneapolis, Minn.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

It Will Mean **MONEY IN YOUR POCKET** If You Will

LET US SOLVE YOUR GRATE PROBLEMS.

OWING to the scientific construction of the **HANSELL ROCKER GRATE**, we can positively guarantee a considerable **SAVING IN FUEL**, maximum boiler efficiency at minimum cost and practically eliminate repairs.



Cross-Bar, showing Removable Fingers and correct air area, resulting in perfect combustion, more heat, less fuel, impossible to burn out, a pleasure to operate.

TO GREENHOUSE OWNERS:

We have a special offer to make you, whereby you can convince yourself as to the merits of our grate, without cost. The result of our installations in greenhouses should interest you. Write for particulars, **TODAY**.

HANSELL GRATE COMPANY, 654 Railway Exchange Building, **Chicago**

Los Angeles.

BUSINESS AHEAD OF 1915 PERIOD.

It really looks like an early season among the local florists. All dealers report a business far ahead of a year ago. Violets are now selling at 10 cents the bunch and all the street stands are supplied with them. A few for-get-me-nots are seen.

NOTES.

Redondo Floral Co. reports brisk business for the week, having several large funeral orders from out of town. Weddings are still coming their way. They have an abundance of stock with violets showing considerable improvement. So far October is running way ahead of a year ago.

Wright's Flower Shop, Inc., was busy decorating the Alexandria hotel for the Hughes demonstration. This firm still seems to have the bulk of the orchids and lily of the valley in the city, as well as the gardenias. Their American Beauties are really fine.

J. W. Wolters had a window of pompons in all shades and sizes from yellow through the browns and bronzes to dark red. He raised them and he says he is much interested in this class of chrysanthemums.

Wolfskill Bros. & Morris Goldenson are busy with funeral work. Albert Goldenson announces his engagement to Miss Jennie Jacobi, of this city. We extend our best wishes.

The Broadway Florists recently had orders for one funeral, calling for 22 floral pieces. They are confident of a big season's trade.

O. C. Saakes has a nice line of pot palms and aspidistras, which make a fine showing among his fancy cut flowers.

Our Flower Shop is the name of a new establishment at 651 South Hill street. Mrs. Burrows is the manager. G. H. H.

Tri-City Florists' Club.

The regular meeting of the Tri-City Florists' Club was held October 12, at the residence of Henry Gaethje, Rock Island, Ill., President Stapp in the chair. J. M. Hassett, of Davenport, Ia., was elected to membership. Bulbs and flowering plants for Christmas was the topic presented for discussion by P. J. Pearson. C. J. Reardon will select the topic for the November meeting, which will be held at the residence of C. O. E. Boehm, Van Der Veer Park, where the members will view the chrysanthemum show. Wm. Goos, Sec'y.

WHICH DO YOU WANT?

Cast Iron Boilers—
FOOL Economy

OR

**KROESCHELL BOILERS—
FUEL ECONOMY**



False Ratings, Fuel Waste,
Danger of Breakdown,
Dealers' Profits—

OR

Honest Ratings, Safety,
Quick Heat, No Boiler Pits,
Factory-to-user Prices.

Read What the Users Say:

Cast Iron Cannot Be Compared with Kroeschell

We bought a No. 2 Boiler in 1904. It takes care of 5000 sq. ft. of glass, and we could add 2000 more. We are very well satisfied. We used a cast iron boiler before we had yours. It cannot be compared with the Kroeschell boiler. Your boiler has certainly a great capacity for heating water.

HALL & ROBINSON,
Montreal, Canada.

Cast Iron Boilers Break Down

Have fired greenhouse boilers since 1885, both steam and hot water. Yours suits me the best. I have two of your boilers. At one time I had two cast iron boilers working together, and during a blizzard the rear section of one boiler gave out and the front section of the other sprung a crack a couple of months later. No more cast iron boilers for me. I came very close to freezing out in both instances.

G. M. THOST, De Soto, Mo.

WHEN YOU BUY—GET A KROESCHELL

"THE BOILER OF UNEQUALED FUEL ECONOMY"

KROESCHELL BROS. CO.,

452 West Erie Street
CHICAGO, ILL.

Mention the American Florist when writing

**GREENHOUSE
LUMBER**

1866—1916
**"ALL-HEART" CYPRESS
WORKED TO SHAPES.
HOTBED SASH.
PECKY CYPRESS.**

LOCKLAND LUMBER CO., Lockland, O.

Mention the American Florist when writing

Established 1765

Incorporated 1904

HEWS**STRONG
RED
POROUS****POTS**POT MAKERS FOR A
CENTURY AND A HALF.

Standard, Azalea, Bulb, Orchid, Fern, Hanging, Embossed, Rose, Carnation, Palm, Cyclamen, Cut Flower. Special Shapes to Order. Chicken Founts, Pigeon Nests, Bean Pots, Etc.

WORLD'S LARGEST
MANUFACTURERS.**A. H. HEWS & Co., Inc., Cambridge, Mass.**WAREHOUSES:
Cambridge, Mass.

New York, N. Y.

**Syracuse Red Pots
Standard Pots
Azalea Pots, Pans**

A large stock ready for immediate shipments. Our catalogue will tell you all about them.

SYRACUSE POTTERY

C. Bretschwerth, Prop.

SYRACUSE, N. Y.

Mention the American Florist when writing

Kramer's Pot Hangers

For sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

I. N. KRAMER & SON, Cedar Rapids, Ia.

Mention the American Florist when writing

**Those Red Pots
"STANDARDS"**

Full size and wide bottoms,

BULB PANS AND AZALEA POTS**DETROIT FLOWER POT M'Y****HARRY BALSLEY Rep. Detroit, Mich. 490 Howard St.**

Mention the American Florist when writing

**Standard Flower Pots**Porosity and Strength
Unsurpassed.

Write for prices.

A. F. KOHR

2934-36-38 N. Leavitt St., CHICAGO

After using all other makes, Florists prefer our **PLANT STAND** because it has proven by experience that it is the very best, most practical stand on the market. Enamelled green. Made in three sizes to extend to 30, 44 and 56 inches. Price, \$18.00 per dozen.**DETROIT STAND CO.**

842 Grandy Ave., Detroit, Mich.

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**REED & KELLER,
122 W. 25th St., NEW YORK.
FLORISTS' SUPPLIES**

We manufacture all our

Metal Designs, Baskets, Wire Work, and Novelties, and are dealers in Glassware, Pottery, Decorative Greens and all Florists' Requisites.

Pecky CypressWe are **SPECIALISTS**

in this line, having been practically the first to sell to the trade. Get the value of our long experience. Perfect satisfaction guaranteed. Rock-bottom prices. Pecky Cypress, because of its durability, is the only wood now being used for greenhouse benches. Will ship in any quantity, carload or less.

**Drop Siding, Ship Lap, Flooring, White Cedar Posts, Etc.
Everything in Lumber. Write for prices.****ADAM SCHILLO LUMBER CO. 1560 Kingsbury St., CHICAGO.**

L.D. Phones: Lincoln 410 and 411



Azalea Pots, Hanging Baskets, Lawn Vases, Urns, Etc.

RED POTS

REFINED CLAYS—SKILLED LABOR

**The Peters & Reed Pottery Co.
So. Zanesville, Ohio****WM. M. WARRIN**
16 W 23rd St., NEW YORK**"MOSS AZTEC" WARE****I. G. KIMBLE**
6 E. Lake St., CHICAGO

Mention the American Florist when writing

TILE GREENHOUSE BENCHESWhen erecting your next bench, why not build with material that will last? Our Clay Tile Benches need no replacing, and the cost is very little more than wood. Are now furnishing our new beveled rounding corner 9-inch width Floor Tile. Write for particulars. **CAMP CONDUIT CO., Cleveland, O.**

Mention the American Florist when writing

**GEO. KELLER & SON,**
Manufacturers of**Red Pots**

Before buying write for prices.

2614-2622 Herndon St.,
CHICAGO

Mention the American Florist when writing

**The Regan Printing House
LARGE RUNS OF****CATALOGUES**

—OUR SPECIALTY—

WRITE FOR PRICES

527 Plymouth Place, CHICAGO

Mention the American Florist when writing

**Order
Now
FOR
Fall
Shipping****NEPONSET
Flower Vegetable Waterproof
PAPER POTS**

Waterproof, Don't Break, Cost Little. Shippers may use them and save their customers many dollars in express charges.

Vaughan's Seed Store, Agents
Chicago and New York**DREER'S
Florist Specialties.
New Brand, New Style,
Hose "RIVERTON"**

Furnished in lengths up to 500 ft. without seam or joint.

The HOSE for the FLORIST
3/4-inch, per ft., 15 c
Reel of 500 ft., 14 1/2 c
2 Reels, 1000 ft., 14 c
1/2-inch, 13 c
Reels, 500 ft., 12 1/2 c
Couplings furnished.**HENRY A. DREER**
714 Chestnut St.,
PHILADELPHIA, PA.

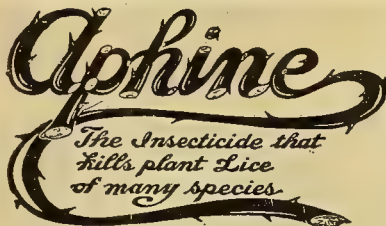
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CONTINUOUS REPLACEMENTS

and repairs are a thing of the past with **Garland Quality Products.**

We design, build, erect and equip complete any type of greenhouse for any purpose, and guarantee complete satisfaction. Let us assist you.

GARLAND MANUFACTURING COMPANY,
DES PLAINES, ILLINOIS
 LOUIS WITTBOLD, President.



The Recognized Standard Insecticide

A spray remedy for green, black, white fly, thrips and soft scale.

Quart, \$1.00. Gallon, \$2.50.

NIKOTIANA

A 12% nicotine solution properly diluted for fumigating or vaporizing.

Quart, \$1.50. Gallon, \$4.50.

Until further notice shipments on our products **Fungine, Vermine** and **Scaline** will be subject to conditions of the chemical market. Prompt shipments can be guaranteed on **Aphine** and **Nikotiana**.

APHINE MANUFACTURING COMPANY
 MADISON, N. J.

Mention the American Florist when writing



NIKOTEEN

For Spraying.

APHIS PUNK

For Fumigating.

Ask Your Dealer for it.
NICOTINE MFG. CO.
 ST. LOUIS

Mention the American Florist when writing

Since Its Organization

The Florists Hall Association has paid 2,250 losses, aggregating 348,000.00. For particulars, address

JOHN G. ESLER, Saddle River, N. J.

Lock the door before the horse is stolen.

Mention the American Florist when writing

PERFECT HOUSES

Our houses are all model buildings. Up-to-date, strong, durable, perfectly made and perfectly built. Price right.



MASONIC TEMPLE BUILDING

WIZARD BRAND

TRADE MARK

PULVERIZED SHEEP - PULVERIZED CATTLE SHREDDED CATTLE MANURE

A kind for every use about the greenhouse.

Ask for booklet, prices and quotations on bag or carload lots.

The Pulverized Manure Co.

32 Union Stock Yards, Chicago

Kansas City Stock Yards,
 Kansas City, Mo.

National Stock Yards,
 East St. Louis, Ill.

Mention the American Florist when writing



THE RENOWNED FOOD FOR PLANTS.

MANUFACTURED BY

CLAY & SON, STRATFORD, LONDON, ENGLAND

Aetna Brand Tankage Fertilizer

Is the best balanced fertilizer manufactured. It contains the ten salts constituting soil. It is giving satisfactory results wherever used.

Farmers' and Florists' Fertilizer Co.
 809 Exchange Ave., Room 5. Tel. Drover 1932.
 U. S. YARDS, CHICAGO, ILL.

NICOTINE 40%

GUARANTEED BY

The GRASSELLI CHEMICAL CO.
 CLEVELAND NEW YORK CINCINNATI
 CHICAGO MILWAUKEE ST. PAUL
 ST. LOUIS

WRITE FOR PRICES



USE IT NOW.

F.O. PIERCE CO.
 12 W. BROADWAY
 NEW YORK

Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.

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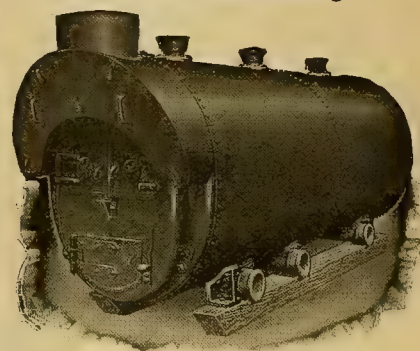
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CHICAGO AND NEW YORK, NOVEMBER 4, 1916.

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SUGGESTIONS FOR PLANT GROWERS.

Poinsettias.

The crucial period in the growth of poinsettias is now at hand, and if the plants are in good condition there should be no difficulty in bringing them through all right. Steady firing can now be depended upon to maintain the proper temperature. Until the bracts are well formed, keep an even temperature and while these are forming avoid all draughts as much as possible. If the house is kept uniform at 60° at night with a rise of 10° during the day there will be but little trouble with the leaves dropping, but a fluctuating temperature will surely result in plants with bare stems. As soon as the bracts form tie the plants to stakes so as to support the flowers and have the plants erect. As many of the plants are used for home decoration a neat green painted stick adds to the attractiveness. The early struck plants and those that are grown in benches for cut blooms will be greatly benefited by a watering with liquid manure. Do not make it too strong at first. Begin with a weak liquid once a week and increase the strength, but after the bracts are fully out discontinue the watering with liquid manure or the color will be affected. The small plants should be placed in pans at once, if this has not already been done. They can be easily sized up now to make a fine appearance—a taller one in the center and shorter ones on the outside of the pan make the best appearance.

Roman Hyacinths.

The early Roman hyacinths should be well enough rooted to bring them into the houses. These early bulbs will require a little more heat than those that are forced later, when more time is given them to form good roots. A plan often adopted by growers of early bulbs is to place them under the benches on the heating pipes when first brought into the house. When hot water circulation is in use the boxes can be placed directly on the pipes, but with steam pipes it will be

necessary to place pieces of wood or other material on the pipes, at least two inches thick, to protect the roots from the intense heat radiated by the steam pipes, and the boxes carefully watched to see that they do not dry out at the bottom. Make weekly plantings of Roman hyacinths in order to keep up the supply of flowers. Place some of the bulbs in bulb pans—a few of these will prove very satisfactory for house decoration, and if not used for this purpose the flowers can be cut the same as from boxes. It entails but little more labor to grow them in pots and at times they are very useful as a pot plant.

Lilies.

The lily bulbs will soon be here and preparations should be made to handle them immediately upon their arrival. There is no time to waste in order to have this crop in the best of shape for Easter, especially with the bulbs that are imported from Japan. Whichever way the bulbs are to grow, whether in 4-inch or 6-inch pots, it is necessary to have pots enough on hand to pot them all up at once, and a pile of good, rich soil all ready, so that there will be no delay. The rapid potting of these bulbs by some growers is done as follows: The 6-inch pots are placed touching each other and then filled about half full of soil; the bulbs are then placed on the soil and the pot filled in nearly to the top and watered. This can be done in this manner very rapidly and there is but very little handling of either the pots or bulbs. After the bulbs are in the pots they should be buried outside until good, strong root growth has taken place; the success or failure of the crop will mainly depend on having the bulb make good roots early. A frame that can be covered during excessive wet weather is the best place for these plants until they are brought into the houses. If the weather becomes very cold and severe the frames should be covered with sash or the beds have straw or some other protection thrown

over them. If kept cool the bulbs will make strong roots before the top starts to grow, yet the ground over them should not be allowed to freeze or damage will be done. The giganteums for Christmas should now be growing nicely and the buds should show about November 10. If they do not appear by that time a little extra heat will be necessary to have them in on time.

Imported Azaleas.

The imported plants of Azalea Indica are now here and the grower will do well to prepare for them by having his pots and compost all ready to give them attention without any delay. The plants do not apparently root deeply in the soil in which they are grown in Europe, the balls being wide rather than deep, and consisting of a mass of fine fibrous roots. For this reason special azalea pots are made wider than the ordinary pots of the same depth, and just allowing sufficient room for a little drainage and to take the plants easily. One good crock should be laid concave side down over the drainage hole and a little rough fibrous peat shaken out when preparing the compost should be placed over this to prevent the fine sandy particles of the soil being washed away by the continuous watering. The soil should consist largely of fine yet fibrous peat, with a little good loam to give it adhesiveness and allow of its being well firmed in the pots and a sprinkling of guano or dried cow manure. As soon as the plants arrive take them out of the packages and examine them carefully to see if any are dry at the roots. Often they have been transhipped several times before reaching the grower and each time renders them more liable to be dry. Have flat tubs if no tank is at hand and place the balls of roots in water deep enough to cover them, leaving them to soak for an hour or two; then take them out and allow the superfluous moisture to drain away before potting the plants. If there is the least suspicion of dryness in the majority of the plants soak them all, for it can do them no harm and if potted while the center of the ball is dry, it will be difficult to moisten it afterwards and the drought will likely cause the loss of some leaves. In potting, the old ball should be lightly covered, setting the plant in the pot so that the soil rounds a little to the center and making it very firm. When the plants come with the heads tied up it will be better to untie them before potting, as it is impossible to see the exact shape of the heads while these are tied and this it is necessary to do to pot the plants properly. Pot each so that it looks best according to the shape of the head, and after potting stand the plants level on a shed floor and thoroughly soak every particle of soil with water. The plants must be gone over several times to do this, taking especial care that those on the outside are well moistened. When they have run a little dry, place them in a cool house and spray the heads several times daily. If there is a quite cool house with an earth floor, such as is used in many places for starting newly imported stock, this is the best possible place for the azaleas, and they will recover more quickly from the journey in the cool, moist atmosphere of such a house than anywhere else.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

What My Business Has Taught Me.

The following is an abstract of an article by Max Schling, the well known retailer of 22 West Fifty-ninth street, New York, in System for November:

A flower store is just like any other business, and a man who runs a flower store in a businesslike manner, has to suit his methods to his surroundings and to the classes from which he draws his patrons. When a man opens a store he should try and open it where he comes among an element with which his education or his knowledge is most in keeping.

When one is a florist he has to be not only a florist for the sake of dollars and cents, to have success, but he has to be a florist because the business awakens sufficient interest in him

so that he loves his work; he has to have an interest in the people whom he sells to and interest in the people he buys of.

Cheap stuff does not mean a poor quality of stock. Cheap stuff means a flower or plant of good stock at a cheap price; and if a florist buys cheap stock of the kind I think of, he will never take advantage to sell it otherwise than in accordance with the standard of honest business men—to sell it at a fair profit, regardless of petty expenses like packing, care and such.

To gain the confidence of people one not only has to keep a good quality of stock and charge fair prices. He has also to give good service. When a customer comes into a store and orders \$5.00 worth of flowers and selects something which might have been in the store for three or four days and is not up to the standard, he should be told: "Do not buy this."



AMERICAN BEAUTY ROSES.

Presented to President Wilson by Miss Melba Stolla, Niece of F. X. and J. B. Gorly, St. Louis, Mo.



SMALL'S NEW YORK STORE IN AUTUMN DRESS.

I can not sell flowers that would cause dissatisfaction and that are utilized only for the store.

When a customer calls or phones for flowers which are scarce and rare or which are not in stock he should be told: "How long will you allow me to deliver the order? I shall try my utmost to have it delivered on time."

Do not say, "I will send out and try to get for you the flowers you want." That is a wrong expression. If we get something which we need for a patron in our store, we do not get it for him, we get it for ourselves, for our business. In serving our customer our answer should be: "We will try our utmost to deliver your order promptly. Kindly give us the best time limit?"

Where there is a will there is always a way to fill this kind of order, even if it is at times with a loss—that does not count. By making possible the impossibilities, we gain the confidence of customers, and through the fact that we are willing and that we never say "no" to them, we greatly strengthen this confidence.

He must be first of all a careful buyer. That does not mean to cut prices. That means to buy what is necessary to keep a good stock on hand in accordance with the amount of business he does. He should buy good stock which lasts well. He wants to make progress by selling his own stock at a fair profit and he should be willing to pay a fair price when his judgment tells him that the stock is justly worth it.

A busy man spends half of his life in his business. His successful business which, when small, was not too big to take all its motive power from him, grows to need besides himself

strong support which he can not gain for a weekly salary. He can gain that added motive power only if he manages to awaken the interest of his employees to such an extent that they begin to look at him not only as an employer but as a co-worker. He must manage to arouse their ambition to such an extent that when they begin to talk of his business they will not say: "The place I am working in," but "Our place," or "Our business." That is the kind of ambition which will help them because they will respect themselves more in that they respect their work and their employer, and it will help the business in that customers will like to have dealings at a place where the employees seem to be heartily interested in seeing that people get the best kind of service.

Chrysanthemums.

Chrysanthemums, the showiest flowers of the year, are now seen in all their splendor. They fill a most important place in the round the season sequence, coming in just as the glories of the garden are fading away, keeping the market filled with their beauty of form and color until the winter crops of the greenhouses have rounded into shape and are ready to succeed them. They are a profitable flower to the grower, enabling him to fill the houses emptied by spring sales with a crop which can be marketed by early November, again providing space to finish the plants for the Christmas holidays. Of late years the quality and size of the early varieties has greatly improved. Golden Glow is now universally grown as the earliest variety, coming in as early as August. Unaka is the first pink of note and Smith's Advance the earliest white. After these scouts, the grand army

arrives, bringing many new ones each year, all fighting for recognition.

These gorgeous long-stemmed flowers are great helps to the decorator. No function of importance, with more or less elaborate floral display, is now complete without them. They are especially effective in wedding decorations, both at church and house. Tall floor vases of choice flowers standing high among palms in the chancel, or platform, or by themselves add much in their bold beauty of form and color. Shorter stemmed, large-flowered blooms in clusters, tied with ribbons at the pew ends of the center aisle, or arranged on tall standards at intervals along this main passage, are a great help to the decorative scheme.

The kneeling stool, which should have a place at every ceremony; church or house, is very effectively decorated with white chrysanthemums in their varied sizes tied with the necessary ribbons.

At the dwelling, have a separate color for each room, shades of pink, yellow and white, where they will fit in best with the color scheme of the decorations. Their efficiency is greatly enhanced by a judicious use of autumn leaves.

As a cut flower for sale over the counter, the chrysanthemum will be found most profitable; they are so beautiful in form and color, so sturdy and lasting, as to make them general favorites with the public. Especially are they useful and valuable in window and store decoration, keeping up a decorative effect that has much to do in advancing the business of the season.

As a flower for the funeral spray, there is nothing that makes more show than the chrysanthemum. Long-stemmed, white blooms, arranged with autumn leaves tied with purple rib-

bon, with a good sized spot of violets at the ribbon, is very suitable for the funeral of an elderly person. In fact, all colors except the bright yellow are useful for funeral purposes.

Beautiful bunches are made for the fair debutantes; when artistically arranged by themselves or in combination with many other flowers of the season and tied with suitable duotoned ribbons, they hold their own with any other and more expensive creation. As a flower for baskets, they make up wonderfully well. Nothing could be more effective than well arranged selections of both the large and pompon varieties in the newer Japanese bamboo vases and baskets, these coming from the native habitat of the flower, seem especially fitted for the chrysanthemum and form a combination that always attracts attention.

Many beautiful varieties of the pompon family seem to have been grown for the decoration of the table; arranged in low bowls, or in sprays, with autumn leaves on the cloth, they are very acceptable, their brown and russet tints blending in so exactly with the autumn foliage. These miniature varieties are also suitable for the popular tumbler baskets—filled all of one color with a sprig or two of autumn leaf, and tied with a suitable ribbon, they are as dainty and pretty as anything in the shop, and when a number sufficient to fill the window are nicely displayed, they are sure to attract a crowd and move off like hot cakes.

As a corsage flower, for which one or two choice blooms are sufficient, they are in great demand, especially during the football season, when often thousands are sold on the days of the big college games.

As a pot plant, they are one of the most satisfactory. Florists, who keep a selected stock, are sure to find them in good demand, very often getting more for them as cut blooms when stock of medium sized flowers run low, than when sold as plants.

Careful attention in looking after the large long-stemmed flowers is necessary in order that they shall give the best results when in the warm rooms of the dwelling. Nothing should be sent out that has not stood over night in deep jars of water or at least a sufficient time for stem, foliage and flower to have taken up or become filled with water. All superfluous foliage should be removed and the hard cane-like bottoms of the stems cut off so that the softer part may more readily absorb the water. A drop or two of formaldehyde in the jar will prevent any fouling of the foliage or stems and should be added to all jars of water in which flowers are kept. K.

Morning Glory Heavenly Blue.

ED. AMERICAN FLORIST:

Please tell me why the Morning Glory Heavenly Blue does not bloom the first year and if it will come up again and bloom the second year.

New York.

E. C. A.

This plant is an annual and will not flower the second year. To insure bloom sow early under glass.

HARTFORD, CONN.—The Florists' Club of Hartford has been organized with the following officers: Joseph F. Coombs, president; Joseph McManus, vice-president; Wallace Thompson, treasurer; Alfred Dixon, secretary.

THE CARNATION.

Night Firing and Fall Care.

The plants, having become well established, are now making fine growth, and in spite of the trying time they had outside during the past summer, will shortly be in good crop. Owing to the plants being generally small when brought in from the field, a great many growers topped their plants later than usual, consequently carnation flowers are now very scarce on the market, but before the chrysanthemums are out of the way there ought to be a good supply to meet the demand.

The care of the plants while they are in such active growth during the next



Aster, Single White.

See Issue of Oct. 28, Page 761.

few weeks of fine autumn weather will have a very important effect on the success of the winter crop. The general routine of the work in the care of the plants should receive close attention. The necessity of night firing creates a changed condition for the plants; a more even night temperature can now be maintained, and it will be necessary to pay closer attention to the watering. Bright sunshine during the daytime, followed by cool nights, with a little firing, will cause the beds to dry out quickly, but these are also ideal conditions for the plants to make good growth.

It is assumed that all the plants are neatly supported ready for their winter's work by this time; if not, the work of putting on the rings and wires should be finished up without any further delay. The shoots of the plants already supported should be placed in the rings as they become in need of it; there is a lot of labor saved when this work is done on time. To allow the shoots to grow wild out over the benches means a great deal more trouble when putting them in, as well as causing many crooked and broken stems. As soon as

the shoots commence to bud up, they should receive attention as regards disbudbing. Remove the side buds and growth far enough down to insure a nice stem to the flower, but do not carry it far enough to the extreme to also remove the lower shoots, which are the ones to be depended on to give size to the plant for winter flowering.

Do not allow insects of any kind to get a foothold; the only way to make sure of this, is to attend to the work of using the insecticide regularly. After it becomes necessary to use the steam, the men in charge of the temperature, either by day or night, are just about as important as anyone on the place, the success or failure of the crops depending to a great extent on how faithful they are at obeying instructions and attending to their duties. The temperature to be kept in each house should be plainly marked up at every thermometer, and the men should be thoroughly instructed in the airing and the use of the ventilators. It will be some time before it will be necessary to fire steadily with the ventilators closed down tight. At present, there are very few nights when it is necessary to use the steam all night; by leaving the ventilators open a little and using a single line of pipe, a more even temperature can be maintained. While the plants are making growth and not so heavy in flower, it is best to keep them a little cool. The night temperature best suited for them now is 48-50 degrees with a raise of six degrees in the daytime on cloudy days. On bright days the temperature must be regulated to a great extent by the ventilation. It is very important that the temperature be not allowed to reach a high degree early in the day before shutting off the steam and raising the ventilators. Carnations thrive in a cool temperature—heavy forcing is ruinous to them. Let this, therefore, be the guide in their care, particularly during the next few weeks.

C. W. JOHNSON.

Violets and Pansies for Spring.

ED. AMERICAN FLORIST:

Please advise me as to the growing of Princess of Wales violets and pansies in cold frames, and whether it is too late to plant for the spring trade.

New Jersey.

W. V.

Princess of Wales violets can be grown in cold frames in New Jersey; the only drawback to the method is the picking of the flowers during severe weather, and while a nice cut of blooms can be had during the season, it does not pay compared with the plants grown in a greenhouse. The plants should be placed in the frames as soon as possible so as to get well established before severe winter weather comes on, but do not be in a hurry to put on the sash while the weather remains open and dry, but if heavy rains come on, the plants must be sheltered. Plenty of air should be given on every favorable occasion and every means taken to guard against closeness during mild weather.

As a protection during very cold periods, bank up the sides of the frames with leaves and straw litter and use straw mats for the sash covering. Early October is not too late to transplant pansies in cold frames for early spring trade, providing you have the young seedling plants on hand, but it is now getting late to sow seed.

C. W. JOHNSON.

THE ROSE.

Preparing for the Christmas Cut.

Too many roses at this season would not be proper, it seems, as the chrysanthemums must have a chance, so the rose grower can console himself, for the reign of the autumn queen is of short duration, and even during her reign the rose comes in for a small share of admiration, and this little rest-up we have always found very beneficial to the roses, as it gives one the opportunity to build up the plants and to get them into prime condition for the heavy strain they will be subjected to during the dark winter months. So we always suggest at this time pinching out all the short growths about the last of October, and also the pinching of any of the growths intended for the Christmas holidays. Usually any of the pinching done the three last days of October and the first two or three days in November will bring the cut about on time for Christmas, providing of course that one has ordinary good weather, and that the temperature has been maintained evenly. A latitude of nearly a week, or we will say a week, compensates for dark or cold weather that may be encountered during this time.

Of course there are other things besides an even temperature and allowances for the weather to be considered. The watering must be done carefully; also the feeding, and all this summed up means skillful handling at all times and a thought each day to the many details involved in handling the stock successfully. Following is a list, or, we might say, a partial list of the "Don'ts" that may be of some help to the beginner:

Don't syringe the plants when the temperature is less than 70 degrees in the rose houses.

Don't ventilate by putting a foot of air on the houses to cool them down quickly; increase the ventilation gradually and decrease it the same way.

Don't use any more artificial heat than is necessary; bank the fires as soon as practicable.

Don't syringe heavily or water heavily if the weather is threatening. If, after syringing, one gets caught with a cloudy sky, take a short piece of hose and go after each plant; a light tap will remove the surplus moisture and a crack of air with a little circulating heat will usually bring the plants through in good shape before night.

Don't wait until the plants show the red spider signs, but syringe for the "little devils" every day throughout the year—good and hard.

And, don't think of letting the green fly get a foothold; a light fumigating once a week will keep the plants absolutely free of them.

This list of "Don'ts" will be about all for this time. We will now add a few suggestions as to feeding. At this time the plants should be growing nicely, with perhaps here and there a bud that needs some extra feeding. If the plants are carrying good foliage, but the same has an over-ripened look, and the growths are very much shortened, this (as a rule) indicates a starved condition, and rather extreme. A good mulch on such beds should be applied at once, and watered in, using fairly well rotted cow manure, having the soil in a condition to take a good soaking. Only in treating roses in this



ASTER CREGO'S GIANT WHITE.

One Plant. See Issue of Oct. 28, Page 761.

condition would we suggest a mulch at this season, as we think the liquid manure offers the best, and by far the safest means of feeding during the winter months, especially if the grower is, through inexperience, a little afraid of over or under watering his plants. A grower with a knowledge gained by years of careful observation and experience will apply a mulch at most any time during the year, but the novice has all to lose and very little to gain by attempting on a very large scale anything in the feeding line beyond his actual experience. We say on a large scale, meaning, of course, trying out the experiment, for instance, on a whole house or a range of houses. We would suggest taking a section of a bed in each house and experimenting in a small way. One has quite a wide range of fertilizers to draw on, a great many of them being practically worthless in the rose houses. Among the best for roses will be found steamed bone meal, dried blood, tankage, shredded cow and sheep manure, and occasionally nitrate of soda. The above fertilizers are a few that we think are the most practical and useful to use in the rose houses; and at the same time, the safest. The nitrate of soda can be applied as a liquid, using one pound to 50 gallons of water. We have used one handful of dried blood to two square feet of surface; also, bone and tankage in the same quantity, with excellent results on other soils than ours. It may take more or less to get results, which brings us back to our suggestions of trying out a small section when experimenting. The shredded sheep and cow manure can be applied as a light top dressing to the beds at any time,

in connection with the regular weekly application of the liquid manure.

E.

Massachusetts Agricultural College.

Professor A. H. Nehrling announces that the annual flower show will be held November 11-13. Many new features are to be introduced. The design of the entire show is to be as nearly as possible that of a formal garden. At each end of the hall will be constructed a pergola. Water features are to be introduced also. Another feature will be an art exhibit of flowers in picture frames, such as were shown at the National Flower Show. Wedding decorations are to occupy a prominent position, and many other forms of bouquets to be worn on the person are to be exhibited. Competitions, one on the best arranged table decoration and another on the best flower basket, are open to the students, and there is to be keen competition for the prizes. A special class has also been arranged for the Northampton & Holyoke Gardeners' & Florists' Club.

John Coombs and family of Hartford were recent visitors at the college greenhouses.

The commission appointed by Governor McCall to investigate the work of the college, visited the department of horticulture recently and expressed themselves as well satisfied with the amount of practical work being given the students.

The class in flower baskets, open to the students of the agricultural college, at the Northampton & Holyoke Florists' & Gardeners' Club show, to be held at Northampton, has aroused keen interest among the students, and a close competition is expected.

WITH THE GROWERS

Elmer and Chas. Weaver, Ronks, Pa.

At Ronks, Elmer Weaver and his brother, Chas. M. Weaver, have large areas of glass so close together as to almost appear to be one establishment.

Elmer Weaver does several things very well, calendulas, sweet peas and carnations being his principal crops. The calendulas are from seed sown in ground beds about August 10 and are now (October 14) strong plants full of buds and from which some flowers have been cut. Side benches of this very wide house are filled with mignonette, which looked well. The strain is selections from Farquhar and Hoehl varieties. Carnations are given a large house, 45x230 feet; all are in ground beds. They were nice, bushy plants, having all the early shoots made in the house topped back, Mr. Weaver saying this strengthened the plants and insured better crops later. In a smaller house were new sorts being tried out. Miss Theo is well thought of here, there being plants with 24 shoots and one on which were counted 24 buds. They are also much pleased with Alice. In the large house the walks between the beds of carnations were quite wide and a row of sweet peas down the center of each were about a foot high. Mr. Weaver finds he can manage both crops in this way. A new cement wall and iron eave plates to replace a modern structure along one side of the large houses that had given way, was being put in.

At Chas. M. Weaver's range, sweet peas and mignonette are specialties. A house 18x325 contained three ground beds of mignonette, which would gladden the heart of any grower; every part of it was in splendid condition, all coming into bud. A new house 30x300 is in process of erection, about half completed. Sweet peas are to be the crop here and are up nearly a foot, the house being built over them. In an adjoining house, 40x300, sweet peas, sown July 20, were from three to four feet in height; they were blooming freely, cutting having commenced about October 1. They were all orchid varieties, and from their early start, should give a good account of themselves the coming season. The house is quite high and a pipe tie rod from one side to the other, about seven feet from the ground, affords support for boards on which the men stand when picking sweet peas later in the season when the vines attain their full size. Tobacco dust is frequently applied to keep down green fly, particularly when the vines are young. Mr. Weaver believes that striped or mottled sweet pea flowers are due to damage from green fly when the plants are young; the vines may later seem to attain vigor and grow, but the flowers are never as good. The system of staking here is the best the writer has ever seen. Roofing lath 2½-inch by 1-inch and 8 feet long, are driven into the ground crossways of the row, 20 feet apart, the length of the house; light galvanized wire is attached to each edge of the lath six inches apart with a matting tack which holds the wire to place but does not bind. When the season is over the wires are easily removed and wound up to be used again. The varieties are White Orchid, Pink and White, light sport of Rose Queen and a deep pink and blue sport of his own. The Skinner system of irri-

gation is installed in all but the carnation houses, the sweet pea houses having one pipe to two rows of plants. A 17-foot driven well in the bottom of the stoke hole gives a never failing supply of water. An electric motor operates the pump, current costing 4½ cents a kilowatt, being found much more economical and convenient than gasoline. A new and massive concrete chimney is said to be very efficient. About 55,000 feet of glass is the area here.

Both of these places are very interesting, all plants being grown on a large and yet economical scale. K.

Totty's Novelties.

Possibly there are many people who know Charles H. Totty, of Madison, N. J., that never suspected that "Horticulture" is his middle name, but after many visits to his ranges, seeing his stock in many exhibitions, and hearing him talk on the various phases of the business, we have concluded that such must be the case. We will not call him a "wizard," for in the light of recent events, wizards are becoming obsolete. And again, in many minds, wizards are associated with hermits and with what some colored folks call "night doctors," and we are sure he is none of these.

As a grower and distributor of novelties in roses and chrysanthemums, he has an established reputation, which he not only sustains but in-

At the San Francisco exposition this rose was awarded the prize as being the best rose entered in competition with roses from all over the world. Primrose is a bronze-yellow variety that will also be disseminated in 1917. This also is a greenhouse rose.

In chrysanthemums, varieties that are this year being shown for the first time, are Golden Champion, and W. H. Waite, bronze. Golden Champion, as the name indicates, is a very attractive yellow. October King, an incurved variety, is not only a beautiful yellow, but also a very finely formed flower. As usual, he is very strong on pompons and single varieties. H. Marie Totty is a very handsome single crimson with an orange center.

Since the foregoing was written we have visited the Madison, N. J., flower show, where his new productions were exhibited, and find that we have omitted several new varieties. Ulster Standard is a fine single, for garden culture, red in color. Golden Spray is a yellow garden rose. Nellie Parker, Ophelia shade, may turn out to be a good greenhouse rose. For his collection of new roses he was awarded a special medal by the judges of the show, first prize for Hoosier Beauty and numerous prizes for exhibition and commercial chrysanthemums.

At his range, growing in the open, he has a large and fine stock of delphiniums or hardy larkspurs.

A. F. F.



WASHINGTON FLORISTS VISITING JOHN SINFERT, CHERRY GROVE, MD.

creases as the years go by. Cleveland, the latest pink rose which he introduced to the trade, is now reaching the market in considerable volume and is winning golden opinions. Tipperary is a promising yellow rose. Seedling F 16 is another yellow that looks very fine.

In garden roses he has a good selection of the Dickson productions that will be disseminated in 1917. Among them are Ethel Dickson, pink, and other promising varieties. There are also many seedlings under test. Lillian Moore, yellow, known as the "\$1,000 trophy" rose, a greenhouse variety, will be disseminated in 1917.

Palm Smut.

False smut, a fungus which appears on palms in greenhouses, is not uncommon in tropical regions, especially on the date palm, according to the report of the botanist at the Connecticut agricultural experiment station, New Haven, for 1915. The fungus was collected in New Haven in 1914 on specimens imported from Ghent, Belgium. It was originally considered a smut and rupturing shows as small black cup-shaped receptacles, light in color, when on top and elevated above the surface of the leaf about one-half millimeter. When abundant it causes some damage to the leaves.

EXHIBITIONS.

Madison, N. J., Exhibition.

The twenty-first annual flower show of the Morris County Gardeners' and Florists' Society was held in Assembly Hall, Madison, N. J., October 26-27. This society is known far and near for the fine stock exhibited at its shows, and this year it fully sustained its reputation. The competition did not seem to be as close as it has sometimes been in former years, but a large amount of fine stock, both in roses and chrysanthemums, was exhibited. Considering the season, no fault could be found with the carnation exhibit, but this is not the time of year when much can be expected of carnations, and all fall shows are primarily chrysanthemum shows.

It may be of interest to many to know what varieties are winning prizes this year, so we will mention a number that entered largely into the successful competition at this show. Some of the following are already well known to the trade: Bob Pulling, a very large yellow bloom; James Fraser, yellow; Pockett, crimson; Mrs. D. Syme, white; A. S. Baldwin, yellow; Glenview, bronze. To the writer's eye, Glenview seems to be the ideal bronze. William Turner, white, has been seen in exhibitions for a number of years and there are but few that, so to speak, can "put it out." Mary Mason, bronze, is well known as a fine flower. Lady Hopeton, lavender shade, is a very large bloom. Alice Day is a white of good appearance. Mrs. R. C. Pullen, a good yellow, and Mrs. G. Lloyd Wigg is another yellow of large size. Golden Champion, October King and Marigold are yellows that look fine. C. H. Totty is a good bronze.

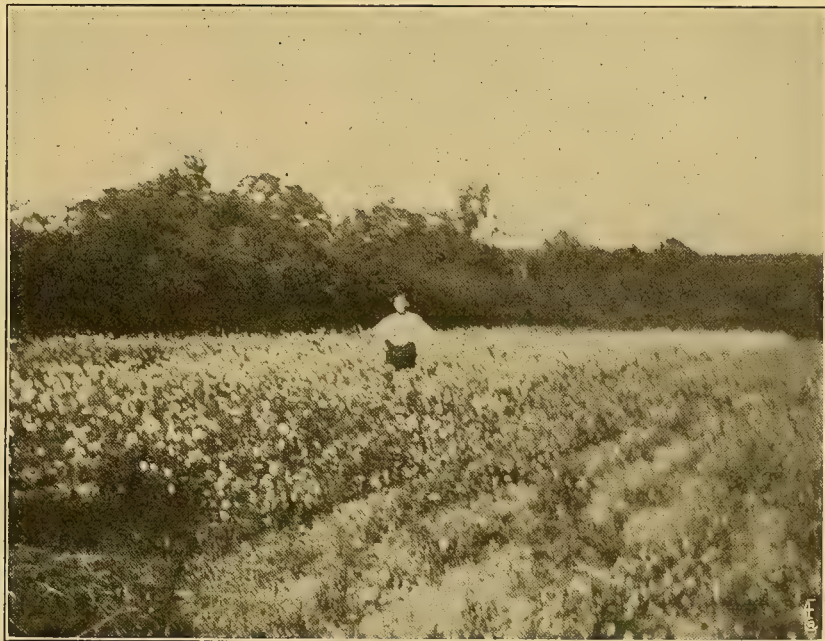
The rose exhibits seemed exceptionally fine for this time of year. C. H. Totty's exhibit of new varieties was most interesting. His new yellow rose, Lillian Moore, seems to justify all that has been said and written about it. American Beauty, Mrs. George Shawyer, Hoosier Beauty, Ophelia, Lady Alice Stanley, J. L. Mock, Prima Donna and other varieties were shown in excellent form.

The exhibits were very cleverly arranged, Arthur Herrington being superintendent of the exhibition. The stage was handsomely decorated by C. H. Totty, as a good-will offering, many fine exhibition, single and pompon varieties of chrysanthemums, being used with autumn foliage. The group in the center of the hall, arranged by Robert Tyson, superintendent for Mrs. H. McK. Twombly, which captured first prize, was a very attractive arrangement of chrysanthemums and crotons. Good fruit and vegetables were exhibited. The judges were: Frank Traendly, Peter Duff, John Downing, John Everett and John Dunn, who, after their labors were completed, were entertained by the society at a dinner at the Madison house.

The following were among the leading successful contestants in the cut flower competition: C. H. Totty, Madison, seven first and three second prizes; L. M. Noe estate, Madison, two first, one second and one third prizes; L. B. Coddington, Murray Hill, two first and two second prizes; L. A. Noe, Madison, one first and one second prize; Springfield Floral Co., Springfield, and A. S. Baldwin, Madison, one first, one second and one third prize each; Noe & Ruzchika, one third prize; Geo. B. Schley, Far Hills (Wm. Hickvale, Gr.), eight first and three second prizes; J. C. Brady, Gladstone (J. G. Walker, Gr.),

seven first and three second prizes; Ernest Wild, Madison, six first, one second and one third prize; O. H. Kahn, Morristown (Jas. Fraser, Gr.), three first and four second prizes; Mrs. H. McK. Twombly, Convent (R. Tyson, Gr.), three first and one second prizes; W. H. Dodge, Madison, N. J. (Wm. Duckham, Gr.); G. G. Fruylinghuysen, Morristown (Wm. Benning, Gr.); Kinnelon, Butler (Geo. Fisher, Gr.), and M. Macdonald, Summit, two first prizes each; "Wayside," Convent (S. Francis, Gr.), two first and two second prizes; Mrs. J. Crosby Brown, Orange (Peter Duff, Gr.), one first and two second prizes; New Jersey State Hospital (Otto Koch, Gr.), one first prize; J. Gordon Douglas, Morristown (A. Sailer, Gr.), one second and one third

will not be room for anything else. One dahlia exhibit, that of Mr. Lowry, had probably 1,500 varieties, and Edwin H. Rust must have had as many, while in all cases it seemed that each variety was worthy of cultivation. The exhibit of chrysanthemums was likewise large and the individual flowers equal to anything the writer has ever seen. This was particularly true of the Wm. Turners. The exhibits of flowering and foliage plants and their arrangements were the best ever. Roses were scarce, only a few varieties being shown. The best were some Karl Druschki and Rayon d'Or. Some table decorations were introduced and showed up well. Henry A. Siebrecht, the new Maryland hotel florist, was the decorator.



ASTER FIELD OF JOHN SINFERT, CHERRY GROVE, MD.

prize; W. G. Castra, Bernardsville, one second prize; John R. Mitchell, Madison, two second prizes; L. A. Theben, Morristown (E. Regan, Gr.), one second prize. In the plant section, the awards were as follows: Mrs. H. McK. Twombly and S. W. and A. Colgate, Orange (W. Reid, Gr.), two first prizes each; David Francis, Convent; Chas. F. Bannott, Summit (S. Blendin, Gr.); Lager & Hurrell, Summit; C. B. Wittpen, Bernardsville, (L. Barkman, Gr.); P. H. B. Fruylinghuysen, Mrs. J. Crosby Brown, and O. H. Kahn, one first prize each; A. H. Fries, Morristown (T. Dorner, Gr.), and W. S. Thorne (J. R. Francis, Gr.), one second prize each, and G. B. Schley, one third prize. Special prizes were awarded to L. A. Noe, New Jersey State Hospital, J. C. Brady and J. L. Ruzicka. Chas. H. Totty received a medal for garden roses, also for chrysanthemums, and a special certificate of merit for Rose Lillian Moore. A. F. F.

Pasadena, Calif., Fall Show.

The ninth annual fall flower show opened October 26 in the new palm garden of the Hotel Maryland. The setting was of the best and the exhibit as a whole was grand. To describe any individual exhibit would make it necessary to describe all, which would be impossible. If these dahlia experts do not quit business soon there

I must not forget the pompons, for they seem to be gaining in favor every year. There were thousands of them, and in all the range of colors. Another exhibit which was worthy of the big space given it was chrysanthemum plants in tubs and pots, some of these plants being simply wonderful in size and number of flowers and in their formation. The ninth annual fall show was certainly a credit not only to its sponsors, but to the city of Pasadena.

G. H. H.

Lenox Flower Show.

The flower show of the Lenox Horticultural Society at Lenox, Mass., which opened October 26 was a successful affair and brought out quite a number of excellent displays. Orchids and chrysanthemums were seen at their best and the rose division was also a prominent feature. Arthur N. Cooley won the principal chrysanthemum prize, the Lenox Horticultural Society cup, for the best 10 blooms, distinct varieties. Giraud Foster was second; Mrs. Robert Winthrop, third, while Mrs. W. E. S. Griswold received honorable mention. Arthur Cooley also won the prize for the principal orchid display. In the smaller exhibit of orchids, William Hall Walker's showing took the honors. Mrs. Alfred G. Vanderbilt also showed fine orchids and chrysanthemums. Other excel-

lent displays were made by Mrs. William Douglas Sloane, Carlos M. de Heredia, Frederic E. Lewis, William E. Hoyt, Warren M. Salisbury, Chas. S. Mellen and Mrs. Charles Lanier. Mrs. Sloane won first prizes for the best scarlet, pink, yellow and bronze roses; also for the best begonia and specimen ferns.

H. C. T.

New York Notes.

The florists' club entertainment committee for "ladies' night," November 13, has handed us the following announcement: To the ladies: "Reserve the night of November 13; that's the night we want to heartily greet you as the welcome guests of the New York Florists' Club, in their annual ladies' night entertainment. But, it will not be like any other 'ladies' night' we have ever celebrated. In addition to a clever entertainment by professional talent, there will be a happy, care-free dance in the spacious ball room of the Grand Opera House. The music will be no less than by celebrated talent of the Grand Opera House orchestra. The refreshments will be served by one of New York's most celebrated caterers. To make this event a complete success, you, the mothers, wives, daughters, sisters and sweethearts of members of the club, must be present."

The exterior decorations of the front of J. H. Small & Son's store, Madison avenue at 52d street, are attracting much attention. The many boxes have recently been filled with arbor vitae and English ivys. A very clever arrangement has been installed for watering these boxes. A perforated pipe has been run along the front of the store, and so arranged that when the water is turned on, each box is watered. This is done early in the morning, so that any drip may be washed off the sidewalk before there is much travel.

Harry Ramm's Flower Shop, recently opened on Madison avenue, near 45th street, is cleverly arranged. Though yet a young man, he has had 25 years' experience in the business, having started when he was a "kid" in knickerbockers. He has a thorough knowledge of the business and should be successful.

We have recently noticed at the store of Riedel & Myer, Inc., 49 West 28th street, fine stock of the new rose, Cleveland; also, Sunbursts, Wards, Marylands and the Killarneys, pink, white and Brilliant. Al. Bowker, a well-known and popular salesman, is now with this firm.

Hanft Brothers, Madison avenue and 62d street, are making great improvements in their store. During the summer they erected a nice conservatory in the rear and are now installing a number of large mirrors in the main store, and they advise us that they are just beginning.

Al. Rigo, who opened a retail store a year ago at 810 Madison avenue, has taken his brother Albert as a partner, the firm name now being Rigo Brothers. They have made a number of improvements in their store and deserve success because they are honest and clever.

Henry Hart, 1000 Madison avenue, who has been having his store rebuilt, has been somewhat delayed on account of the proper material being slow in arriving. However, he will open November 15 one of the finest retail stores in the city.

Our old friends, Christatos & Koster, 717 Madison avenue, have made great improvements in their store during the summer and are not worrying about business, for they feel sure they will get their share.

A. F. F.

San Francisco.

CHRYSANTHEMUMS LEADING FEATURE.

Trade is keeping up in a very satisfactory manner. Chrysanthemums, of course, overshadow everything else and are arriving in large quantities. Quality has rarely been surpassed. Many new aspirants for public favor have made their appearance, but none of them have leaped into such great favor as Marigold. For color, this variety has few, if any, equals, and bids fair to be largely planted next season. The heavy shipping keeps prices at higher levels than for some time and bids fair to keep up. The bright, sunny weather, which we are now having, is improving the quality of roses greatly. American Beauty and Russell, especially the latter, are none too plentiful and are moving at good figures. Carnations are improving rapidly, but as yet there has not been any material advance in prices, nor is there any likelihood of their doing so as long as chrysanthemums hold sway. Violets are in ample supply, with prices nominal. Owing to the absence of frosts, there is still a great abundance of dahlias and zinnias. The former are brought in in large quantities and good stock is bringing fairly remunerative prices. The supply of cattleyas is increasing daily, and it is hoped that there will soon be enough to go around. Lilies are in rather short supply with the demand limited. Pompon chrysanthemums are in now in great profusion and are being largely used in decorations. Lily of the valley remains scarce. Miniature roses, too, could be more largely used if the supply was more generous. A few sweet peas still hang on and are of inferior quality.

NOTES.

John A. Stewart, senior member of the Christopher Nursery Co., Christopher, Wash., who died October 19, was well known to the trade in this city and vicinity. He had been ill for several years from a stroke of paralysis and during that time had taken no active part in the business. He was a Scotchman by birth, had been trained from youth in the nursery business in the old country, and continued in the same line for more than a third of a century in this country. He was careful and painstaking in his work, prompt and fair in his dealings, and a man of strict integrity. His sons, who have charge of the Christopher Nursery, will continue to carry on the business as usual.

M. H. Ebel, of Sacramento, arrived during the week to make final arrangements for the chrysanthemum show to be held in Sacramento on November 2-4. This is the first attempt on the part of the retail florists of that city to hold an exhibition and all are working untiringly to make it a success. Mr. Ebel has been the prime mover in this project. To further advertise the show it has been decided to donate the proceeds to charitable purposes. The show will be largely attended by the trade of this city and most of our prominent growers have promised exhibits. The Lynch Nursery Company is going to send a large display of chrysanthemum cut blooms.

E. M. McLellan & Co., of Burlingame, are experiencing quite an annoying matter with the board of trustees of that town at the present time. Some of the long haired residents of the town have had their sense of smell irritated by the fumes from the fertilizers used by that concern and have had the greenhouse establishment declared a nuisance. The last time we talked with Brother McLellan about the matter he wore his usual smile and did not seem in the least worried

about the ultimate result of the investigations by the city fathers.

All is in readiness for the show of the Menlo Park Horticultural Society. Owing to the fact that the society will hold no chrysanthemum show this fall, this exhibition looms up as the biggest attraction in the flower show line to be held this season. The list of entries received is a large one and no doubt the capacity of the hall will be heavily taxed. A full report of the show will appear next week.

Herbert Charles, an employee of C. C. Morse & Co., at their seed farm at Hollister, was killed by an unknown automobile driver on the state highway last week. The body was found on the road with the skull crushed. So far, no trace has been found of the party driving the car. Mr. Charles was very popular, both with his employers and fellow workman, and his death is deeply deplored.

Podesta & Baldocchi have been making a very beautiful window display of orchids during the week. This is the specialty of this enterprising firm and they always have something of unusual merit in the orchid family to show. We also noted some elegant chrysanthemums, especially Turners. They report trade as excellent.

The annual chrysanthemum and dahlia show of the city of Santa Rosa will be held November 2-3. Mrs. H. H. Moke has been chosen to direct the show and will be assisted by the trade members of the locality. Many valuable silver cups and cash prizes will be awarded and the exhibition promises to be the most interesting one ever held in the "City of Roses."

F. C. Ruggles, of the Santa Cruz Dahlia Gardens, was a visitor during the week, looking over the freesia bulb market. Neo Ruggles is one of the prominent freesia growers of Santa Cruz and reports nearly all large sized bulbs are sold out. He intends to increase his plantings largely next season.

John D. Meriweather, of the Fancher Creek Nurseries, Fresno, was in town during the week. He has recently returned from an extensive eastern trip. He reports trade in citrus trees in a very healthy condition, and has several cars of large orange trees on the way to Atlantic coast points.

Superintendent McLaren, of Golden Gate Park, has had a finely grown specimen chrysanthemum plant on view in the lobby of the Palace hotel during the week. The variety was a white and was greatly admired by thousands of visitors.

Hans Plath left during the week to attend the convention of the California Nurserymen's Association at Santa Barbara. Before returning home he intends to visit all the trade centers of the southern part of the state.

Manager Shellgrain, of the J. B. Boland Co., says he is well pleased with the way business is opening up. This firm's windows are always interesting and much skill is shown by the firm's decorator on all occasions.

H. Shibuya, a grower of Menlo Park, ran down a messenger boy in town last week with his new car. The boy refused to have Shibuya arrested as he promised to pay all the expenses for medical attendance. G. N.

Southern Floral Co. Formed.

A. E. Kutschbach, August Bering, Sr., and Walter Retzer, all engaged in the florist business at Houston, Tex., have formed the Southern Floral Co. with a capital stock of \$100,000. They have acquired 25 acres of land near that city, six acres of which will be under glass. The balance will be devoted to growing outdoor stock.

Boston.

POOR MARKET AND PRICES SLUMP.

The market has been very poor during the past week. Prices on nearly every line of flowers have dropped as the big crop of chrysanthemums come in. Roses have suffered as much as anything, the price now being from 50 cents per 100 to \$8 per 100 on the fancy varieties. Carnations, also, have decreased in value, the very best bringing only \$2.50 per 100, while the average stock sells for \$1.50 to \$2 per 100. Chrysanthemums are plentiful and only the best of the crop bring good prices. A few Bonnaffons are coming now, but Chrysolora is more plentiful for a yellow. Pacific Supreme, Glory of the Pacific and October Frost also are plentiful. Pompons are in good supply, Mrs. Buckingham and Lillian Dotty being the most plentiful. Pot chrysanthemums are arriving and are the mainstay in the pot plant trade.

NOTES.

The Boston Flower Exchange held its annual banquet at Young's hotel October 28. The board of directors were unanimously re-elected for the coming year. A very fine collation was enjoyed, after which talks by James Methven, J. Farquhar and Wm. Elliot followed. J. Mahoney, from Thos. Galvin's, furnished the entertainment.

Raeder's, of Hyde Park, have started business after a lapse of eight years. They will grow sweet peas and chrysanthemums. Miss Raeder, who died a short time ago, was very well known at the Park street market. The new business will be carried on in the same establishment by her brother.

Thomas Pegler, Brunswick, Me., was visiting in Boston this week. He was quite at home among his many friends among the trade and all were glad to have him with them again.

Harry Ward is receiving from the Breck-Robinson Nursery Co. some very fine Alice Manning tuberous begonias.

Bert Sloan, of the New England Supply Co., is the happy father of an eight-pound girl.

The bowling league held a meeting October 26 at the Boston alleys and an enjoyable evening was spent. The teams are all bowling in good form and the competition promises to be keen for this season. The standing is as follows:

	Won	Lost
Flower Exchange	7	1
Mc & Mc.....	6	2
Galvin	6	2
Waban Rose	6	2
Carbone	4	4
New England Supply.....	4	4
Robinson	3	5
Flower Market	2	6
Penn	0	8

W.

Kansas City, Mo.

STOCK PLentiful AND TRADE BRISK.

Market conditions continue unchanged—plenty of good stock and a big volume of business. Chrysanthemums are plentiful and the quality is fairly good. This is also true of the pompon varieties. Roses continue plentiful but prices hold firm. Carnations are becoming more plentiful and fill in nicely where a cheaper flower is desired.

NOTES.

W. J. Barnes has been busy with funeral work and decorations. He has a number of orders booked for the future. He is cutting a good crop of chrysanthemums, but the quantity is not sufficient to meet the demand. Carnations here are showing improvement.

H. Kusik & Co. is handling a good line of Ophelia, Sunburst, Russell, Milady, Ward and Killarney roses. Carnations are also on hand as well as a plentiful supply of chrysanthemums. Another ice box has been installed at their store.

Arthur Newell reports plenty of business. He says he is "busier than a cranberry merchant" but is taking care of all of the orders with ease. He has several good orders for decorations booked ahead.

W. L. Rock Flower Co. is cutting heavily on chrysanthemums and roses and carnations are in fine form. Decorations and funeral work are both big items in the volume of business at this establishment.

A. F. Barbe has a great rose crop. His cut of chrysanthemum is heavy and carnations are coming along nicely. Funeral work has been very heavy during the past week.

T. J. Noll & Co. are well supplied with a fine line of roses and chrysanthemums. Supplies are moving better. A big shipment of magnolia has just been received.

The Alpha Floral Co. reports stock plentiful and improved in quality. Business has been very good here, especially in orders for funeral designs and decorations.

The Elmhurst Nursery Co. has completed its new building which will be used as office, salesrooms and storage at Mill Creek and Forty-seventh street.

Miss Lou E. Boggess reports good business, especially in funeral orders, chrysanthemums being used in large numbers.

Fred Fromholdt, formerly connected with the Wm. L. Rock Flower Co. has purchased the Larkin store. E. J. B.

Madison, N. J.

A. S. Baldwin, formerly with C. H. Totty, has leased a neat range and is growing a variety of good stock. He took a number of prizes for chrysanthemums at the late show, and has reached that stage in the business where a chrysanthemum has been named for him. New chrysanthemums are coming so fast that "ye scribe" expects to have one named for him pretty soon.

The ranges of Madison are largely devoted to cut owers, but in Frank N. Eskensen we found a very clever plantsman. He grows tens of thousands of ferns, largely of the table varieties, and raises much of his own seed. As there is always a demand for table ferns he is doing a nice business. He also grows poinsettias and a variety of other plants.

Our old friend, Robert M. Schultz, formerly a well-known rose grower, has been laid up with an attack of rheumatism. On account of poor health, he sold his growing business several years ago to C. H. Totty. As he is, to use an old-fashioned phrase, "a handy man with a pen," he has since held a clerical position in the borough hall.

At Edward Behre's range we found a very fine crop of roses, noteworthy being Florence Behre, his sport of My Maryland, which he continues to grow with great success. About a year ago Mr. Behre was very ill, having spent a month in a hospital. We are pleased to state that he has now completely regained his health.

The D. Willis James estate has been bought and taken possession of by W. H. Dodge, who we are informed, is connected with the Remington Arms Company. William Duckham remains with the new proprietor as superintendent.

William Kleinheinz, of Philadelphia and Ogontz, Pa., visited the flower show October 26, and was cheerful and happy as usual. Any show, within a reasonable distance of his home, that he does not attend has either been poorly advertised or is not much of a show. He expects that Philadelphia, November 8, will excel all previous efforts in showing fine chrysanthemums.

E. B. Shepardson, of Short Hills, N. J., is making a specialty of dahlias and had quite an exhibit at the show.

A. F. F.

Horticultural Society of New York.

It is only a short time now to the fall exhibition of this society, which will be held at the American Museum of Natural History, November 9-12. Do not forget to make your entries early, thus enabling the manager to make a better display and the secretary to have things in such shape that the manager may work intelligently. Everything points to a large show. Prizes are offered for bush chrysanthemum plants, and other prizes for cut chrysanthemum blooms of all kinds, both for commercial and non-commercial growers. Prizes are also offered for roses and carnations, and for orchid plants and flowers.

The society's silver cup, valued at \$100, is offered as part of the first prize for a group of greenhouse foliage and flowering plants and in addition a cash prize of \$50. Prizes are also provided for bay trees, collections of conifers, begonias, palms and ferns.

Schedules are now ready for distribution, and will be sent on application to the secretary, George V. Nash, Mansion, New York Botanical Garden, Bronx Park, New York.

GEORGE V. NASH, Sec'y.

OBITUARY.

Henry Schwarz.

Henry Schwarz, who has been very prominent in florist circles in and about Cincinnati, O., for the past quarter of a century, died at his home Saturday, October 28th, after an illness lasting several months. He was in his fifty-second year.

In 1882 he came to the United States from Germany, the land of his birth, and for eight years worked in places at Knightstown, Anderson and Richmond, Ind. In 1890 he located in Cincinnati and went into business on Price Hill. In 1901 he moved his business to Norwood, where he has been located ever since.

Both his business and his social relations with others were always pleasant, due to his excellent character that influenced his life. His business was very successful and he made many friends. During his residence in Cincinnati he occupied prominent offices in the Cincinnati Florists' Society, including that of president.

A widow, Mrs. Ophelia Schwarz, and a son, Edward Schwarz, survive him.

H.

George L. Huscroft.

The trade was much shocked to hear of the death of George L. Huscroft, of Steubenville, O., who passed away October 21, aged 54 years. He had been suffering from a tumor at the base of the brain for more than four months.

For many years Mr. Huscroft had conducted the retail florist business established by his father. He had also traveled for Hageman of New York as a seed and bulb salesman and for a number of years occupied the position of landscape gardener for the Pennsylvania railroad in charge of all the planting between Pittsburgh, Pa., and Columbus, O. He had a host of friends among both florists and railroad men. Some years ago he disposed of his range at Steubenville to E. E. McCauslen. He is survived by two brothers, Chauncey, sheriff of Columbia county, and W. R. Huscroft, deputy sheriff, and two sisters, Mrs. McCune and Mrs. McCauslen, all of Steubenville.

M.

THE AMERICAN FLORIST

ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time.

Advertising rates on application.
From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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Chrysanthemum Society of America.

REPORTS OF EXAMINING COMMITTEES.

Cincinnati, O.—Richmond, yellow incurved, scored 87 points commercial; Nephotos, white Jap incurved, scored 86 points commercial; exhibited by the E. G. Hill Co., Richmond, Ind. Mrs. C. C. Pollworth, yellow incurved, scored 86 points commercial; exhibited by C. C. Pollworth Co., Milwaukee, Wis. October Herald, golden bronze, Jap reflexed, scored 90 points commercial; Smith's Imperial, white incurved, scored 95 points commercial; Yondota, pink, Jap incurved, scored 86 points commercial; exhibited by Elmer D. Smith & Co., Adrian, Mich.

CHAS. W. JOHNSON, Sec'y.

FRED H. HOWARD, the well-known horticulturist of Los Angeles, Calif., who has just completed an extended tour of eastern trade centers, arrived at Chicago this week on his way home, and reports that he has noted a marked tendency toward higher prices.

Azalea Imports.

GUDE'S EFFORTS SUCCESSFUL.

The following communications received from Wm. F. Gude, Washington representative of the Society of American Florists, tell their own story:

Washington, D. C., October 30, 1916.
EDITOR, THE AMERICAN FLORIST,
Chicago, Ill.

Dear Sir:—I am enclosing herewith copy of letter received from the State Department this morning which explains itself. This letter, you will note, is in reply to my communication to the Honorable Secretary of State under date of September 15 last. Since then we have not heard a word.

We note the azaleas are coming, and are pleased to feel that our efforts seem to have been fruitful.

With best wishes, I remain,

Very truly yours,

WM. F. GUDE.

Department of State, Washington,
October 27, 1916.

Mr. Wm. F. Gude,

Washington, D. C.

Sir:—Referring to your personally expressed desire for information relative to the importation of azaleas and similar goods of Belgian origin, you are informed that the department has received a report by cablegram dated October 25, 1916, from the American embassy at Berlin stating, in substance, that the German foreign office has received a statement from the governor general in Belgium that no objection exists to the exportation to the United States of horticultural products. Only a small quantity remains for shipment this year as, according to a report from economic committee at Ghent, several hundred thousand francs worth of flowers were shipped to this country some six weeks ago.

The statement that this year's exportation was not allowed by German authorities is reported to be due to a misunderstanding. This year's exportation was effected through individual applicants and not through the intervention of the Syndicate des Horticulture Belges.

Very truly yours,

MARION LETCHER.

Acting Foreign Trade Advisor.

[Mr. Gude is not to blame for the delay in giving this news to the trade, which we presume must be attributed to official red tape. The information that azaleas were on the way was published in THE AMERICAN FLORIST of October 7, page 608.—ED.]

Chicago to Bloomington.

The fall flower show of the Illinois State Florists' Association will be held at the Coliseum, Bloomington, November 9-10. Treasurer Frank L. Washburn of the state organization advises that the Chicago & Alton gives the best service between that city and Chicago. The train schedule from Chicago to Bloomington is as follows:

Leave—	Due—
Chicago 9:00 A. M.	Bloomington 12:55 P. M.
Chicago 10:15 A. M.	Bloomington 1:20 P. M.
Chicago 12:01 P. M.	Bloomington 3:15 P. M.
Chicago 1:15 P. M.	Bloomington 5:15 P. M.
Chicago 6:30 P. M.	Bloomington 9:40 P. M.
Chicago 9:00 P. M.	Bloomington 12:55 A. M.
Chicago 10:20 P. M.	Bloomington 1:10 A. M.

The fare from Chicago to Bloomington is \$2.54, round trip \$5.08. This is the flat two-cent rate and there is no party or other reduced rate between these points. The train leaving

the Union station at 10:15 a. m., Thursday, November 9, has been selected for the Chicago delegation and it is hoped our city and club will be well represented, the Bloomington show being the only one of importance in the state this year.

The regular meeting of the Chicago Florists' Club has been postponed to November 16, especially to permit members to attend the Bloomington exhibition and meeting of the state association.

Luncheon will be served at Bloomington, Thursday evening, November 9, at seven p. m.

Coming Exhibitions.

[Secretaries are requested to supply any omissions from this list, and to correct any dates that may have been altered since the last advices.]

November 1-5, Boston, Mass.—Grand Autumn Exhibition Massachusetts Horticultural Society, Horticultural hall, William P. Rich, 300 Massachusetts avenue, Boston, secretary. James Wheeler, exhibition manager, Natick, Mass.

November 2-3, Glen Cove, N. Y.—Chrysanthemum exhibition of the Nassau County Horticultural Society. Jas. McCarthy, Cor. Secy., Glen Cove.

November 2-5, Sewickley, Pa.—Chrysanthemum exhibition of the Sewickley Horticultural Society. M. Curran, secretary, Sewickley.

November 3-5, Tuxedo, N. Y.—Annual exhibition of the Tuxedo Horticultural Society. Thomas Wilson, secretary, Tuxedo, N. Y.

November 7-10, Philadelphia, Pa.—Annual exhibition Pennsylvania Horticultural Society, Horticultural hall, Broad street, below Locust. David Rust, secretary, Horticultural hall, Broad street, below Locust, Philadelphia, Pa.

November 8, Philadelphia, Pa.—Annual exhibition of the Chrysanthemum Society of America in conjunction with the Pennsylvania Horticultural Society's show. Chas. W. Johnson, secretary, 2134 West 110th street, Chicago.

November 8-9, New London, Conn.—Chrysanthemum show, New London Horticultural Society, Court house. Stanley Jordan, Waterford, Conn., secretary.

November 8-10, New York.—Chrysanthemum exhibition. The American Institute of the City of New York, Engineers' building. Wm. A. Engleson, secretary board of managers, 324 West Twenty-third street, New York.

November 9-10, Bloomington, Ill.—Fall Flower festival and meeting of the Illinois State Florists' Association, Coliseum. J. F. Ammann, secretary, Edwardsville, Ill.

November 9-11, Lancaster, Pa.—Fall show Lancaster County Florists' Association, Helmenze Auditorium. Frank Kohr, secretary, Lancaster, Pa.; Harry K. Rohrer, Lancaster, Pa., exhibition manager.

November 9-12, New York.—Fall exhibition, The Horticultural Society of New York, American Museum of Natural History. George V. Nash, secretary, Mansion, New York Botanical Garden, Bronx Park, New York.

November 10-11, Ames, Ia.—Autumn flower show of the department of horticulture, Iowa State College.

November 10-12, Cleveland, O.—Second annual flower show under the auspices of the Ohio Horticultural Society, The Cleveland Florists' Club and The Garden Club of Cleveland, at the Hollenden. M. A. Vinson, manager, 402 Leader-News Bldg., Cleveland.

November 11-13, Amherst, Mass.—Annual Flower Show of the Massachusetts Agricultural College. A. H. Nehrling, manager.

November 11-19, New Orleans, La.—New Orleans Flower Show in connection with stock show. C. R. Panter, secretary, N. O. Horticultural Society, 2320 Calhoun street, New Orleans, La.

November 12, Chicago.—Floral Art and Novelty Display under the auspices of the Chicago Florists' Club, Hotel LaSalle. C. W. Johnson, Flower Show Manager, 2134 W. 110th St., Chicago.

November 14-15, Providence, R. I.—Exhibition, Rhode Island Horticultural Society, Ball Room, Narragansett hotel. Ernest K. Thomas, secretary, P. O. Box 150, Kingston, R. I.

November 15-17, Dallas, Tex.—Fall exhibition of the Texas State Florists' Association. L. J. Tackett, secretary-treasurer, Fort Worth.

November —, Lake Forest, Ill.—Fall show of the North Shore Horticultural Society. P. Back, secretary, Lake Forest, Ill. Date to be announced later.

January —, 1917, Indianapolis, Ind.—Annual convention and exhibition of the American Carnation Society. A. F. J. Baur, secretary, 3800 Rockwood avenue, Indianapolis.

March 15-17, 1917, St. Louis, Mo.—Spring Flower Show. W. W. Ohlweiler, executive secretary, Missouri Botanical Garden, St. Louis.

March 15-22, New York.—Spring show under the auspices of the Horticultural Society of New York and the New York Florists' Club at Grand Central Palace. John Young, secretary, 53 West 28th street, New York.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.
For Plant Advs., See Ready Reference Section.
 Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By experienced American Beauty rose grower. Address
 Key 715, care American Florist.

Situation Wanted—Expert gardener seeks engagement on first-class estate. All references. Good wages expected in return for guaranteed results. Address
 Key 702, care American Florist.

Situation Wanted—By single man, age 27; 12 years' experience as gardener and florist; also decorator. Private place preferred. Best references, private and commercial. Address
 Key 689, care American Florist.

Situation Wanted—Young experienced salesman and designer is open for engagement in Chicago. Will consider \$18.00 per week to start. Ready to begin work immediately. Address,
 Key 721, care American Florists.

Situation Wanted—As working foreman on big commercial place growing roses and carnations; life-long experience and scientific practice; can handle men; sober and industrious; good references. Address
 Key 705, care American Florist.

Situation Wanted—Superintendent-gardener (head) seeks position; country estate; temperate; excellent greenhouse manager; landscape artist; knows live stock, engines, live experience; best references.
 A. PAWLITZ,
 17 Vine St., Roxbury, Boston, Mass.

Situation Wanted—Immediately, by bright, energetic young man, not afraid of work; some experience as junior salesman and maker-up, high class New York store; salary, \$15 to \$18; willing to learn. Address
 Key 718, care American Florist.

Situation Wanted—Designer with executive ability and experience in growing, desires responsible position; experience and credentials that assure results. Ohio preferred but will consider good proposition; young married; a hustler. Address
 Key 710, care American Florist.

Situation Wanted—By Scandinavian, single, with over 20 years' experience in Scandinavia, England, Germany and America. Several years in charge of Greenhouses and outside. Cutflowers, forcing and propagating a specialty. Well up in care of parks. References are good. Address
 Key 717, care American Florist.

Situation Wanted—By Japanese graduate of horticultural school; experience in Japan and America; cut flower forcing and propagating a specialty; expert grower of carnations, Easter lilies and all kinds of spring stock; temperate. Address
 T. TANAKA,
 2330 Calumet Ave., Chicago.
 Telephone Calumet 3552.

Help Wanted—Experienced saleslady and designer. Good salary to right party. Address,
 MRS. A. C. ROTT, Joliet, Ill.

Help Wanted—Several florists wanted; young men with experience; reliable; steady position. Apply to
 HOTEL BILTMORE, Florist Dept.,
 Madison and Vanderbilt Aves., New York.

Help Wanted—Saleslady and designer for large town, 50 miles from Chicago. \$12.00 per week to start. Address
 Key 000, care American Florist.

Help Wanted—Head gardener and outside vegetable grower; long time job to right man that can show results. Address
 COLEMAN, THE FLORIST, Sioux Falls S. D.

Help Wanted—Two good rose growers for modern plant in Illinois; state wages, experience and enclose references in first letter. Address
 Key 693, care American Florist.

Help Wanted—A bright, educated young man, with a general knowledge of store work. Answer with references and wages expected in first letter.
 A. NEWELL,
 Grand at Tenth, Kansas City, Mo.

Help Wanted—Storeman for our Grand Avenue Branch (80 N. Grand Ave.) Also saleslady—state full particulars in first letter.
 KOENIG FLORAL CO.,
 6471 Florissant Ave., St. Louis, Mo.

Help Wanted—Good salesman and designer for Chicago retail store. Must come well recommended.
 THE ROSERY FLORIST, 6772 N. Clark St.,
 Phone, Rogers Park 4447, Chicago.

Help Wanted—At once, a young man with technical knowledge of general nursery stock and experience in making quick planting plans. This position offers a good future. Address
 Key 687, care American Florist.

For Rent—Greenhouse for rent, 8,000 feet of glass, shed, living house. Rent, \$32.00 per month. Stock, \$400. 10 miles from Chicago loop.
 Key 691, care American Florist.

For Sale—Chicago flower store on prominent north side street. Good opportunity for live florist.
 A. C. KOHLBRAND,
 174 North Wabash Avenue, Chicago.

For Sale—Established flower store in Loop. Long lease, low rent, owner cannot give attention to business. Small amount cash required. This is a gold mine for a live florist. Address
 Key 706, care American Florist.

For Sale—High class flower store, with small greenhouse; located near Chicago; doing good business; reason for selling, wish to retire; \$1000 cash, balance on reasonable terms. Address
 Key 708, care American Florist.

For Sale—Carnation support, "Common Sense," 3000 stakes and 9000 rings, \$16.00 per 1000. These supports have been used about two seasons and some are new. Cash.
 LA CROSSE FLORAL CO., La Crosse, Wis.

For Sale—A Kroeschell No. 24 Tubeless Hot Water Boiler. Reason for selling, adding more greet houses, and installed No. 6 Kroeschell Boiler. For particulars address
 CLODY FLORAL SHOP,
 3924 N. Clark St., Chicago, Ill.

For Sale—Owing to the fact that my store in the Palmer House needs my personal attention, I will sell my new place in the Edgewater Beach Hotel, Chicago, to some responsible party at very reasonable terms. Big bargain for a live wire. Act quick.
 JOHN MANGEL,
 17 East Monroe St., Chicago, Ill.

For Sale—Old established florist business three greenhouses attached, \$2,500; nothing for good will; stock of plants, implements, horse, wagons, fixtures and supplies will invoice the amount; near hotels and large theatres, 15 minutes from loop.
 GEORGE C. WAGNER,
 3116 Indiana Ave., Chicago.

For Sale or Rent—Cheap; 7,000 feet of glass, planted to chrysanthemums, carnations and sweet peas. Houses are new, 60 miles from Spokane, Wash. Present owner does not understand business. Doing good business. Address
 Key 712, care American Florist.

For Sale—Greenhouse property, consisting of 25,000 feet of glass; modern construction; seven acres of good land; good buildings and improvements; a few hours out of Kansas City; excellent opportunity for wholesale opening to south-west; at present houses fully stocked and doing good wholesale and retail business; a bargain. For full particulars address
 Key 716, care American Florist.

Situation Wanted

By an all-'round practical man, with 18 years' experience in growing, designing, decorating and salesmanship; married and American-born. Address
 Key 711, care American Florist.

Situation Wanted

Good all-around storeman. Expert salesman, designer and decorator. Chicago preferred. Address
 Key 717, care American Florist.

Help Wanted

We have an opening for capable man as manager of 160-acre vegetable farm in Colorado. Florists' plants and bulbs also grown to some extent. Send full particulars, age, salary, experience, etc., to
 Key 719, care American Florist.

FOR SALE

Bargain, 1914 Buick Six, self starter, equipped with electric lights, etc. Good condition. Cost \$2,150 new.
 Key 713,
 care American Florist.

Florists' Auto Truck For Sale.

Fine, newly painted, 1916 model, Studebaker 3/4-ton, panel body truck for florists' business. Equipped with electric starter and lights, heating system, sides lined shelving, and front partitioned. Has been in use but six months and is in fine running condition.

Special Auto Delivery Service,
4835 Kenmore Ave., CHICAGO.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 600, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
 440 S. Dearborn St., CHICAGO

NEW EDITION—Issued August, 1916.

TRADE DIRECTORY

Florists, Nurserymen and Seedsmen

OF THE

UNITED STATES AND CANADA.

Price \$3.00, Postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

FORCING BULBS

Ready for Prompt Shipment

SINGLE HYACINTHS

Forcing Grade

Robt. Steiger, Red; Grand Maitre, Blue;
Albertine, White,
Per 100, \$2.50; per 1,000 \$23.00.

SINGLE EARLY TULIPS

	Per 100	Per 1,000
Belle Alliance, scarlet.....	\$1.10	\$10.00
Cardinal's Hat, red.....	.85	7.00
Couleur Cardinal, crimson.....	1.60	14.50
Cramoise Brilliant, scarlet.....	.90	8.00
Keisers Kroon, red and gold.....	1.40	12.50
Mon Tresor, yellow.....	1.40	12.00
Orange King.....	2.00	18.00
Pink Beauty, rose.....	2.00	18.00
Prince of Austria, orange.....	1.25	11.00
Princess Marianne, white striped red....	.90	8.00
Rose Gris de Lin, rose striped white....	.85	7.00
White Hawk.....	1.50	13.00
Rose Luisante, rose pink.....	1.50	13.50
Thomas Moore, orange.....	.85	7.50

DOUBLE TULIPS

	Per 100	Per 1,000
Couronne d'Or, yellow.....	\$1.80	\$16.00
Salvator Rose, deep rose.....	1.25	10.50
Schoonoord, pure white.....	1.60	14.00

NARCISSUS

	Per 100	Per 1,000
Emperor, double nose.....	\$1.90	\$17.50
Golden Spur, single nose.....	1.45	13.50
Golden Spur, double nose.....	2.10	19.00
Princeps, double nose.....	1.25	10.00
Victoria, single nose.....	1.45	12.50
Von Sion, double nose.....	2.10	19.00
Alba Plena Odorata.....	.95	7.00

SPANISH IRIS

British Queen, Belle Chinoise, Formosa, Louise, Humboldt—Per 100, 75c; Per 1,000, \$6.00.

GLADIOLUS

	Per 100	Per 1,000
Blushing Bride.....	\$0.75	\$6.00
The Bride.....	.75	6.00
Peachblossom.....	.95	8.00

A. HENDERSON & CO.
211 N. State Street, CHICAGO

Chicago Flower Show.

F. Lautenschlager, in charge of publicity, has issued the following circular with regard to the Floral Art and Novelty Show, to be held under the auspices of the Chicago Florists' Club in the grand ballroom of the Hotel La Salle, Sunday afternoon and evening, November 12, 1916:

Several thousand invitations have been sent to flower lovers of Chicago and vicinity by the Hotel LaSalle Horticultural Society of Chicago, Chicago Florists' Club, the retail florists of Chicago, and a large attendance of the right people is assured. The retailers of Chicago are invited by the Chicago Florists' Club to make an exhibit; there will be absolutely no charge for space—no prizes—no awards, no exhibits for competition. This is to be strictly an art show to give the retailer an opportunity to display to the public novelties in flowers and plants, and feature their adaptability for dainty and charming floral arrangements for all social occasions. The grand ballroom of the Hotel La Salle is an admirable place to hold this exhibition. The room is 46 feet wide by 140 feet long, decorated in ivory, gold and old rose. The lighting effect is superb. The flower show management has arranged to locate all retail exhibits in the center of the grand ballroom, which will afford the exhibitor every advantage to display his art. Let's make this show an overwhelming success—it is the retailers' opportunity to show what is possible with flowers and plants—only natural flowers and plants are to be used—all kinds of accessories will be permissible. By the way, why not make this the occasion to name new varieties of cut flowers and plants for the newly elected president and the first lady of this grand land, the United States of America? Growers

of novelty plants and cut flowers, send us your exhibits, and we will have artists on hand to arrange same. The Chicago examining committee of the Chrysanthemum Society of America will be on hand to score new chrysanthemums. Growers sending flowers for this purpose should address them to N. J. Wietor, chairman. Novelties of other flowers and plants should be addressed to C. W. Johnson. Have all shipments for exhibits arrive Saturday afternoon, November 11, or Sunday morning, November 12, sending all shipments express prepaid to the gentlemen mentioned above, care of the Floral Art and Novelty Display, grand ballroom, Hotel La Salle, Chicago, Ill. Our representative will be on hand to take charge of all shipments upon arrival.

Cincinnati.

MARKET IS GLUTTED.

Stock of all kinds is very plentiful and is glutting the market. The demand for stock, while steady, is only fair. Chrysanthemums are extremely plentiful and are not selling as fast as they come into the wholesale houses. The same is true of roses. Carnations are sufficient in quantity to take care of all present requirements. Lily of the valley and orchids have been selling well. Easter lilies are plentiful, but do not have a very active market. Callas come into the market regularly. A few dahlias and cosmos that were spared by the recent heavy frost are also offered.

NOTES.

Fred Gear and Wm. Gear have the sympathy of their friends in their bereavement over the death of their father last week.

The Wm. Murphy Co. reports the best chrysanthemum season it has ever had, both in respect to quantity and sales.

C. E. Critchell has been finding a good market for his orchids and lily of the valley.

Visitors: Monroe Frankl and Sam M. Rosenfeld, representing Wertheimer Bros., New York; A. W. Herre, representing Poehlmann Bros. Co., Chicago; Emil Uhl, Greenfield, O., and Miss Fannie White, Lexington, Ky. H.

Providence, R. I.

COAL SHORTAGE BOOSTS PRICES.

Stock of all kinds, while apparently plentiful, is high in price, much above normal, and the growers attribute this to the high price of coal. Orders for floral work keep coming in a steady stream and cut flower sales are pleasing. Carnations and roses are both in fair crop and the demand is brisk enough to clean up everything offered. Large chrysanthemums are also selling well. Several large weddings have kept a number of the stores busy.

NOTES.

The annual flower show of the Rhode Island Horticultural Society, to be held in the ball room of the Narragansett hotel, November 14-15, is looked forward to and promises to be a great success.

Hallowe'en windows predominated during the past week and a number of the stores had very novel arrangements.

The Padien Greenhouse has been started on Calla street and will be devoted to pot plants this winter.

H. A. T.

DES MOINES, IA.—The J. S. Wilson Floral Co. has acquired the business of the Alpha Floral Co., said to occupy the best location in the city. This business will be operated separately from the very successful establishment of the Wilson concern on Thirty-fifth and Ingersoll streets.

The American Florist
AUTUMN
NUMBER

TO BE ISSUED

NOVEMBER 18

JUST RIGHT FOR THE

THANKSGIVING AND HOLIDAY TRADE

— The Best Paid —

CIRCULATION

— To the Trade in the Trade —

**The Prosperous Times and Depleted Stocks
MAKE GOOD DEMAND FOR
Plants, Cut Flowers and All Florists' Supplies**

Rates as usual, \$1.00 per inch, single column width; \$30.00
per page of thirty inches. Usual discounts on time contracts.

**American Florist Co.,
440 S. Dearborn St., CHICAGO.**

 Please mail advertisements early.

The Florists' Supply House of America

If you are looking for the best in Florists' Supplies

Get Our Latest Folder

IT'S WORTH HAVING

Over Two Million Yards of Chiffon just received; all colors, all sizes. Our Folder gives the price. Send for it.

H. BAYERSDORFER & CO.,
1129-1131 ARCH STREET, PHILADELPHIA, PA.

St. Louis.

SATISFACTORY SALES AT GOOD PRICES.

With the return of cool weather, the market is again assuming an active appearance, but the few days of warm weather last week, left a brand on the stock, which, with exceptions, is of quite inferior quality. The drop in night temperature was followed by a decided decrease in the supply of roses, with the result, that they have been clearing in a highly satisfactory manner. A comparison would reveal the fact that roses have recovered from the effects of the heat wave with a far greater degree of rapidity than any other stock. Russell is looking especially good for a flower that has been plunged from one extreme of temperature into another. American Beauties are scarce, but are selling at moderate prices. The supply of carnations is steadily increasing, but the quality is not very good. Most of them are quoted at \$1.50 to \$2 per 100. Chrysanthemums are taking a prominent position in the market. They are not at their best, but some are very good and have a satisfactory sale locally. White Townsend and Chrysolora are in the lead, but some very fine Poehlmann and Pacific are coming in. Lily of the valley, though by no means plentiful, is almost striking a balance between the supply and demand. Orchids are plentiful and they are in good demand. Smilax is scarce and asparagus comes in very poor in quality.

NOTES.

The retail trade, especially Chas. Young & Co., have lost a very good friend and sincere employee in the death of James Adaro. "Jim", as all know him, was in the employ of Young's for the past 25 years, and during this time he always was an example of a true business man. He was only 44 years old and died of a complication of diseases. The funeral was conducted by an Italian fraternal organization and was attended by many of his friends in the trade.

F. X. Gorly superintended the Hermann wedding decoration, which so far was the largest one in this city.

Over 15,000 Ophelia roses and 2,000 lily of the valley and an equally large amount of Townsend chrysanthemums were used. George Wagner was the artist.

The flower show committee is very busy. The subcommittees report everything is in good shape and the retailers and growers are waiting to see the triumph and glory of the old St. Louis Florists' Club.

H. G. Berning has quite a few orders for next week for long American beauties. Gullett & Sons, of Lincoln, are shipping a large quantity of stock to him daily.

The chrysanthemum show of the Missouri Botanical Garden will open November 5 with approximately 2,000 plants, representing the various types.

Weber Bros., of the Weber Nurseries, are sending in some fine chrysanthemums. This firm consigns to the Smith Wholesale Floral Co.

George H. Angermueller received a few shipments of good white chrysanthemums and disposed of them at once.

St. Louis Cut Flower Co. is doing nice business. Their auto is busy all day. Their motto is "Service."

Cass Avenue Florist had quite a few weddings last week. He reports business very good.

Miss Newman, on Olive street, reports business good, especially in social entertainments.

Miss Rose Schoenle is always busy. She is a daily visitor to the market and buys heavily. X. Y. Z.

Washington, D. C.

Stock of all kinds is abundant—in fact the supply is greater than the demand. Chrysanthemums of all kinds are very plentiful, prices ranging from \$3 to \$15 per 100. Dahlias, of course, help to kill the sale of good stock, but the recent frosts have about put an end to them, as well as cosmos. Carnations are plentiful at from \$2 to \$3 per 100. Single violets are exceptionally good for the season. Orchids and gardenias are plentiful. G. C. D.

Detroit.

TRADE CONDITIONS MOST FAVORABLE.

Detroit florists have now entered the fall season of business in full force, and aided by most favorable conditions that now prevail, expect to exceed in volume the trade of any year in the past. During the summer and early fall some apprehension was felt by the retailers concerning the supply of cut flowers this fall, due to the unfavorable weather conditions the growers had to contend with, and still further aggravated by the shortage of help, which in some cases was serious. Carnations made but little growth in the field, and the excessive heat made the growing of chrysanthemums a hardship that was very unusual and the rose growers too had their troubles increased. Now, however, it is apparent that much of the reported trouble was magnified, the actual difficulties surmounted, and the growers are emerging with good prospects of bountiful crops of all kinds, with the possible exception of carnations, the shortage of which is but little felt yet, owing to the unusually heavy cuts of roses and chrysanthemums the growers are having at present.

NOTES.

The ladies auxiliary of the florists' club gave their fourth annual dancing party at the Hotel Statler, Thursday evening, October 26. The ball room was beautifully decorated for the event by E. A. Feters, who carried out Hallowe'en features, which were most unique and elicited much praise. The affair was a great success in all respects, and as in the past the proceeds will be given to worthy local charities.

A. J. Stahelin and wife accompanied A. Miller to Chicago, October 27. Mr. Miller, while here, accompanied a party consisting of Philip Breitmeyer, Jos. Streit, Walter Taepke and Robt. Rahaley, to Mt. Clemens, where all the growers were visited.

Visitors: E. G. Hill, Richmond, Ind., and Carl Hagenberger, Mentor, O.

J. F. S.

JUST ARRIVED FROM HOLLAND

Millions of Bulbs

Of All Kinds. To Be Offered at AUCTION AND PRIVATE SALES

Auction Sales Days: TUESDAYS and FRIDAYS of each week at 10 o'clock a. m.

Tuesday, Nov. 7, Being a Holiday, Sales Will Be Held on Wednesday, Nov. 8.

Also Rose Bushes, Rhododendrons, Palms, Ferns, Dracænas, Rubbers, Etc.

To be offered in lots to suit the large and small buyer. Send for Weekly Catalogue.

The MacNiff Horticultural Company

52 to 56 Vesey Street, NEW YORK

The Largest Horticultural Salesrooms in the World

Germantown, Pa.

Henry A. Miller, at Chew street and Washington lane has a very well arranged suburban business with store and greenhouses combined. Being in a residential district, he has a good family trade, retailing most of his stock. His whole place gives evidence of careful and scientific management. At this time, there are several houses of well flowered chrysanthemums in variety—a pompon called Western Beauty, a bright, rosy pink, looked very saleable. A table of single flowered was striking. Half a house of mignonette, growing with chrysanthemums, which latter were to be followed with primulas in pots coming in in another house, looked very promising. Several houses of carnations, superfine stock, planted out of four-inch pots in July, had been grown inside all summer—nothing could look better than these. Several tables of snapdragons were in full flower; these had been planted out of two-inch pots in August and flowers were cut in middle October. There will now be a continuation of bloom until spring. Mr. Miller says: "I grow my stock from seed; plants from cuttings are subject to rust, but not seedlings." A ground bed of sweet peas in several stages of growth, the first of which were just coming in, looked promising and useful. Provision had been made for the holidays in the blocks of flowering plants coming on and waiting for the room to spread out when the chrysanthemums were out of the way; of these poinsettias were a feature. The Boston fern family was well represented, together with other house plants. There was a fine show of cut chrysanthemums in the store. Four Lord & Burnham houses, each 25x96 feet, heated by one of their large boilers, had, Mr. Miller said, been very satisfactory. Two of these were planted with roses, the varieties being Kaiserin and Prima Donna.

One of the enthusiasts in the business is Ernest Zeiger, of Zeiger & Sons, on East Washington lane. With him nothing is too much trouble to get as near as possible to 100 per cent results. Roses are a feature. Mrs. Ward has produced wonderfully, and yet Thora, the light cream colored sport of My Maryland, which originated here, is said to produce four flowers to its one. Some bloomer this Thora, which is now being grown by George Burton, who bought the stock. A house of Ophelia and another of Mock are giving splendid results. Chrysanthemums are also a feature. A house

of Golden Glow had turned in a splendid card. Care must be taken in the selection of the proper shoots to insure perfect blooms of this variety. Not satisfied with the first growth, Mr. Zeiger had cut the plants all back and found the shoots he wanted in the new wood. He was able to do this as he had planted early in May. The flowers produced early were wonderfully fine and commanded the top market price. Quite a lot of Asparagus plumosus for sprays and strings fills several houses. Mr. Zeiger strives to keep up a close rotation of crops; two of these in a house pays expenses, the third and possible fourth being velvet. In one house lupines were to be the winter crop, to be followed by Easter stock, after which summer asters, and these replaced later with chrysanthemums from the field. Hydrangeas for Easter, a specialty here, are a feature. Yellow callas, quite a block, are never completely dried off and in consequence come into flower much earlier than those given complete rest. They seem to do just as well. Double Pink bouvardia was one of the best producers of last season. In addition to its fine and profitable crop of flowers, 100,000 rooted cuttings were also marketed through the classified ad columns of the trade papers at good prices, a valuable side line, possible with a number of new and staple plants that many growers do not take advantage of. To help keep the houses going in winter, outside frames were being filled with clumps of herbaceous stock, such as digitalis, campanulas and other garden favorites, which will be brought in after the Christmas holidays and furnish flowers that are not common in the market. Numerous improvements in additions to several houses have kept them busy all summer, but are now about completed. This is a very interesting place to visit, one being always sure to see something better or just a little out of the ordinary.

K.

Fort Wayne, Ind.

Weather almost of the mid-summer variety has forced in a heavy supply, with chrysanthemums the ruling feature. Roses are also more abundant and carnations are of good size and in fine supply. Calla lilies have made their first appearance and sweet peas are also to be seen. Plants are enjoying a good sale, especially chrysanthemums, Jerusalem cherries and begonias. The supply of smilax is limited.

Hydrangeas

	Per 100
3-inch.....	\$ 7.00
4-inch.....	20.00
5-inch.....	30.00
6-inch.....	40.00



GERANIUMS

Prepare for the usual shortage of the best commercial varieties. Order now for November, December, January or February delivery of the following from 2-inch rose pots:

Poitevine,	Maryland,	Ricard,
Perkins,	S. A. Nutt,	Buchner,
E. G. Hill,	Alliance,	Thibaut,

\$22.50 per 1000 for all orders booked before November 10. At this price they are cheaper than rooted cuttings.

S. S. PENNOCK-MEEHAN COMPANY

PHILADELPHIA, 1608-1612 Ludlow St.
BALTIMORE, Franklin and St. Paul Sts.
WASHINGTON, D. C., 1216 H St., N. W.
NEW YORK, 117 W. 28th St.

Mention the American Florist when writing.

NOTES.

The next meeting of the newly organized florists' club, in which much interest is being taken, will be held at the Flick Floral Co.'s store, November 6. In addition to election of officers, an executive committee will be appointed. It is intended that the club shall be of both an educational and social nature and many subjects of interest to retailer and grower will be discussed from time to time.

The Flick Floral Co. had an elaborate store decoration last week in which quantities of chrysanthemums and beech foliage were used in addition to many ferns and palms.

W. J. & M. S. Vesey report brisk business in their landscape department. This firm is cutting some excellent cat-tleas in variety; also fine chrysanthemums.

A. J. Lanternier is showing fine chrysanthemum stock in yellow and pink from his greenhouses. His chrysanthemum plants are exceptionally good.

Messrs. Leitz and Herman, of the New Haven Floral Co., were recent visitors in attendance at the meeting of the florists' club.

H. K.



Largest Assortment--**BIG CROP OF ROSES**--Finest Quality
WILD SMILAX, LEUCOTHOE, MEXICAN IVY, FERNS, FARLEYENSE—extra choice
Also FANCY HYBRIDUM supplied on short notice.

BOXWOOD is now in and ready for immediate delivery. Finest quality we have ever offered.

CURRENT PRICE LIST—In Effect Now.

AMERICAN BEAUTIES.		Per doz.
Long	\$4.00 to \$5.00	
30-inch	3.00	
24-inch	2.50	
20-inch	2.00	
15 to 18-inch	1.50	
Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00.		
OPHELIA, RICHMOND, MILADY, SUNBURST, KILLARNEY BRILLIANT, KILLARNEY, WHITE KILLARNEY, WARD.		
		Per 100
Long		\$3.00
Medium		\$4.00 to 6.00
Short		3.00
ROSES, good short—our selection. In lots of 500 to 1,000, \$20.00 per 1,000.		

MRS. CHAS. RUSSELL.		Per 100
36 inches long	\$20.00	
30 inches long	18.00	
24 inches long	15.00	
18 to 20 inches long	12.00	
14 to 16 inches long	8.00	
Short	\$4.00 to 6.00	
MINIATURE ROSES.		
Cecile Brunner	per 100, \$2.00 to \$4.00	
Fireflame	per 100, 2.00 to 4.00	
Baby Doll	per 100, 2.00	
George Elgar	per 100, 2.00	
FANCY CUT FERNS.		Per 100
Farleyense	\$8.00 to \$12.00	
Hybridum	1.50	
Adiantum .....	.75 to 1.00	

MISCELLANEOUS CUT FLOWERS.		Per doz.
CHRYSANTHEMUMS, per doz., \$1.50 to		
POMPONS, per bunch .....	.50c to	
CATTLEYAS	per doz., \$7.50 to	
VALLEY	\$5.00,	
CARNATIONS	\$3.00 to	
LILIES		
Gypsophilla, \$1.00 per bunch.		

GREEN GOODS.		
Mexican Ivy		
Leucothoe sprays		
Sprengerl and Asparagus Sprays	\$2.00 to	
Galax (bronze and green)	per 1,000, \$1.50	
New flat ferns	per 1,000, 2.00	
Wild smilax	per case, 6.00	
Boxwood	25c per bunch, per case, 7.50	

SUPPLY DEPARTMENT.

We have prepared an adequate supply of beautiful

Yellow and Red Ruscus

For Thanksgiving and Autumn Decorations

and can furnish you with what you need at a moment's notice.

Red, Green and Yellow Ruscus, 75 cents per

RED AND GREEN FRIEZE ROPING
60 yds. to bolt, 75 cents per bolt.

SPECIAL--SEND \$1.

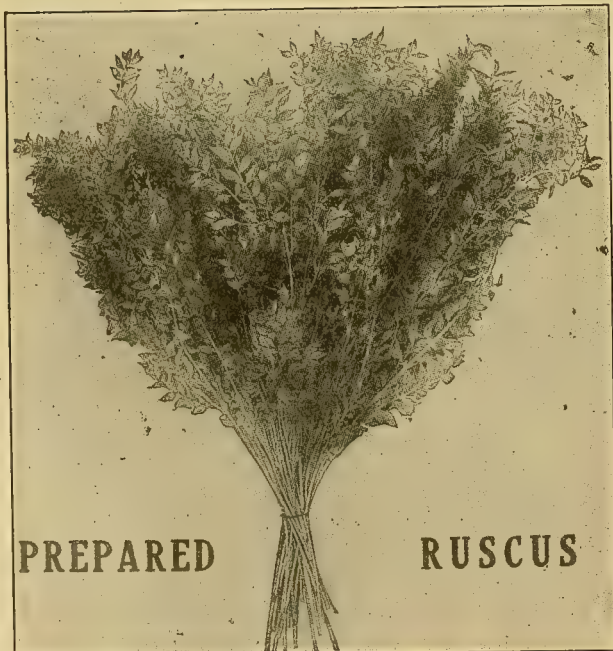
for a sample dozen Novelty Corsage Ties
and Baby Doll Showers. BE SURE AND
GET IN ON THIS—IT'S A BARGAIN.

Waxed Roses
Immortelles

Oak Leaves
Ruscus

Oak Sprays
Magnolia Wre

Look for our Fall Circular mailed recently;
If you don't get it, write for one.



PREPARED

RUSCUS

POEHLMAN

72-74 E. Randolph St.,

Kentias Western Kentias Headquarters

Largest and most complete stock offered in the West, in a healthy, strong and clean condition.

All previous prices quoted on Palms are hereby cancelled.

KENTIA FORSTERIANA SINGLE PLANTS.

Leaves	Each
6 inch pots 5-6 28 inches high...\$ 1.25	
6 inch pots 6-7 32-34 inches high... 1.50	
6 inch pots 6-7 34-36 inches high... 2.00	
8 inch tubs 6-7 40-42 inches high... 3.50	
8 inch tubs 6-7 42-46 inches high... 4.00	
8 inch tubs 6-7 50 inches high... 5.00	
9 inch tubs 6-7 52-56 inches high hv 7.00	
10 inch tubs 6-7 60 inches high... 8.00	
10 inch tubs 6-7 60-65 inches high... 12.00	
15 inch tubs 6-7 8 feet high... 40.00	
15 inch tubs 6-7 9-10 feet high... 50.00	

KENTIA BELMOREANA SINGLE PLANTS.

Leaves	Each
2½ inch pots 4 \$1.50 per doz., \$12 per 100	
4 inch pots 5-6 16-18 45c each .....\$5.00	
6 inch pots 5-6 24 each 1.25	
6 inch pots 5-6 28 each 1.50	
8 inch tubs 5-6 42 each 5.00	

Specimen plants, 15 inch tubs, \$75.00 each.



KENTIA FORSTERIANA MADE UP PLANTS.

Plants	Each
6 inch pots 3 26-28 inches high.....\$ 2.00	
7 inch tubs 3 30-32 inches high..... 2.50	
8 inch tubs 3 38 inches high..... 4.00	
8 inch tubs 4 48-50 inches high..... 5.00	
9 inch tubs 4 52 inches high..... 6.00	
10 inch tubs 4 54 inches high..... 8.00	
12 inch tubs 4 60-64 inches high..... 12.00	
12 inch tubs 4 66 inches high..... 15.00	
15 inch tubs 4 6-6½ ft. high, heavy.. 25.00	
15 inch tubs 4 75-80 inches high..... 30.00	

ARECA LUTESCENS.

Plants	Each
6 inch pots 4 bushy, 24-26 inches high.....\$1.25	

ASPIDISTRAS.

5 inch pots 10-12 leaves green 1.00	
6 inch pots 16-20 leaves green 1.50	
5 inch pots 10-12 leaves var. 1.50	

10,000 POT CHRYSANTHEMUMS

Most magnificent supply in all the best leading varieties, some of which are ready for delivery now. Exceptionally fine stock and unusually good value. Order early.

5½-in.-6-in., pots, 50c to 75c each; 7-in. pots, \$1.00 to \$1.50 each; larger specimens, \$2.00, \$3.00, \$4.00, \$5.00 each.

Each	Per 100
Araucaria Excelsa, 5 inch pot.....\$0.50 to \$0.60	
" " 6 " "75 to 1.00	
" " 7 " " 1.25 to 1.50	
Araucaria Robusta Compacta, 6 inch pot.... \$1.25	
" " 7 " " 2.00	
Larger Specimens, \$3.00 to \$5.00 each.	
Pandanus Veitchii, 4 inch pot..... \$0.35	
" " 6 " "75 to 1.00	
" " 7 " " 1.25	
" " 8 " " 2.00	
Crotons, 4 inch pot..... .40	
Rubber Plants, 5 inch pot..... .50 to .75	
Per 100	Each
Asparagus Sprengerii, 3 inch pots..... \$6.00	
" " 4 " " 10.00	
Asparagus Plumosus, 2½ " " 3.50	
" " 3 " " 7.00	
Table Ferns, 2½ " " 3.00	
" " 3 " " 6.00	
4 inch pots, \$10.00 per 100.	
Each	Each
Holly Ferns, 5 inch..... \$0.25	
Coleus Emperor William, 5 inch..... \$0.25 to .35	
Begonia Luminosa, 5 inch..... .20	

Per 100	Each
Begonia Chatelaine, 2½ inch..... \$ 3.50	
" " 3 " " 8.00	
" " 4 " " 15.00	
For November and December Delivery.	Each
Begonia Cincinnati, 5 inch..... \$0.75	
" " 6 " " \$1.00 to 1.25	
" " 7 " " 1.50 to 2.00	
Begonia Lorraine, 4 inch \$0.30	
Begonia Melior, 5 inch \$0.75	
" " 6 " " \$1.00 to 1.25	
" " 7 " " 1.25 to 2.00	
Begonia Mrs. J. A. Peterson, 4 inch..... \$0.50	
Cyclamen For November and December Delivery.	Per Doz.
4 inch pot \$4.20	
5 " " 6.00	
6 " " 9.00	
7 " " \$12.00, \$15.00, 18.00	
Per 100	Each
Primula Obconica, 4 inch pot..... \$15.00	
Pepper Xmas, 5-6 inch pots, each..... 35c 50c 75c	
" " 4 " " 15c 20c	
Each	Each
Poinsettias, 6 inch pans \$0.50	
" " 7 " "75	
" " 8 " " \$1.00 to 1.50	

BOXWOOD, 15-18-20 inches, 50c, 60c and 75c each.

AZALEAS FOR CHRISTMAS--Order Your Supply Now.

Orders Taken on Condition That Stock Arrives Safely.

Varieties—Mme. Petrick, Vervaeana, Petrick Superba, \$1.00, \$1.25, \$1.50, \$2.00, \$2.50, \$3.00, \$4.00, \$5.00, \$7.50.

A Nominal Charge is made for Packing.

N BROS. CO.

Long Distance Phone,
Randolph 35. CHICAGO, ILL.

CHRYSANTHEMUMS

Large White and Yellow Flowers, \$1.50 to \$3.00 per doz.; Pink, \$2.00 to \$3.00.

POMPONS—35 cents to 50 cents per bunch.

Small Yellow in Sprays—25 cents per bunch of three dozen flowers.

CHOICE SHIPPING ROSES

RUSSELLS—We are growing the finest Russells arriving in this market. All visitors to the greenhouses in the Chicago district say that our Russell are the best here.

We cut our flowers tight in the bud as the majority of our trade is shipping. Flowers that are sold mostly to the city trade are allowed to open more than for the shipping trade. The roses which we are receiving in large quantities direct from our greenhouses within a few hours of being cut, enable us to fill all orders with strictly fresh stock. This is the great advantage of buying direct of the grower. Order here.

CURRENT PRICE LIST

American Beauties	Per doz.
Specials, extra long stems.....	\$4.00
30 to 36-inch stems.....	3.00
Medium stems.....	\$1.50 to 2.50
Shorter lengths.....	.50 to 1.00

Hoosier Beauty, Rhea Reid, Ophelia,

Sunburst, Shawyer.

	Per 100
Extra long.....	\$8.00 to \$10.00
Good medium.....	5.00 to 6.00
Short.....	3.00 to 4.00
Hoosier Beauty, special.....	\$12.00 per 100

Richmond, White and Pink Killarney

Killarney Brilliant

	per 100,	\$6.00
Long.....	"	\$4.00 to 5.00
Medium.....	"	3.00
Short.....	"	

ROSES, our selection, in lots of 300 or more at the rate of \$25.00 per 1000.

White, Pink and Yellow CHRYSANTHEMUMS—Yellow Pompons

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN

LONG DISTANCE PHONE:
CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

Mrs. Chas. Russell.

	Per 100
Special.....	\$15.00
Long.....	10.00 to 12.00
Medium.....	6.00 to 8.00
Short.....	4.00 to 5.00
Cecile Brunner.....per 100,	2.00
CARNATIONS.....per 100,	3.00 to 4.00
LILY OF THE VALLEY.....	5.00
ASPARAGUS SPRAYS and SPRENGER.....	2.00 to 3.00
FERNs, new.....per 100, 25 cents; in lots of 1000 or more, \$2.00 to \$2.50 per 1000.	
ADIANTUM.....	1.00
GALAX, bronze and green...per 1000,	\$1.25 to \$1.50

Chicago.

TRADE WAS RATHER QUIET LAST WEEK.

Trade was rather quiet last week especially the shipping demand, which could have been much better. Stock of all kinds is plentiful with the exception of lily of the valley, which cleans up at an early hour each day at high prices. Chrysanthemums and pompons are reaching the market in large quantities and are selling well, considering the heavy shipments that are being received regularly from California and are being sold at figures that have a tendency to hold the price down on the local grown stock. American Beauty roses are in good supply, especially in the longer stemmed grades, and very choice stock is obtainable in large lots at reasonable prices. Mrs. Chas. Russell roses are plentiful enough to supply the demand, but there is no great surplus to speak of. Killarney, Killarney Brilliant and White Killarney are arriving in splendid condition, and same holds good for all the roses in general, especially Mrs. Aaron Ward and Ophelia. Milady, Richmond, Hadley and Hoosier Beauty are having a good

call and are all in good supply with the possible exception of Milady, which at times are found to be scarce. Carnations are more numerous and are steadily improving in quality and while there are enough to go around, they are cleaning up quite well at satisfactory prices, considering the large supply of other stock offered. Orchids are seen in large numbers and there are always plenty on hand to fill all the orders. Sweet peas are more numerous, but sell quickly at good prices. Daisies, calendulas, mignonette, violets, forget-me-nots and snapdragons are included in the offerings. Lilies are in better supply, but are not moving as freely as they have been. Strawflowers, both local and California grown stock, are offered in large quantities, but are disposed of quickly at prices ranging from 25 to 35 cents per bunch. The sales for October have been very large and in nearly every instance are much ahead of those of the corresponding month of last year. The All Saint's day business did not amount to much this year, and while there was some call in this market for short roses and chrysan-

themums, it was nothing to speak of. Reports from outside markets are to the effect that they are all handling large quantities of stock especially chrysanthemums, both local and California grown which accounts to some extent for the falling off in the demand in this market. The city trade was also rather quiet last week, but taken as a whole, business has been good and much better than in former years. No one usually looks for brisk business just before a presidential election, but everyone is enthusiastic over the outlook for the coming season, consequently very few complaints are being heard in regard to poor business. The supply houses are all busy pushing Thanksgiving and Christmas goods.

NOTES.

A. L. Vaughan & Co. are handling a large regular supply of choice orchids, particularly cattleyas, vandas, dendrobiums and oncidiums. Fancy American Beauty and Ophelia roses, besides a large quantity of chrysanthemums and pompons are attracting the attention of the many buyers at this establishment.

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

LARGE QUANTITIES

MUMS-CARNATIONS-POMPONS

Beauties, Russell, Sunburst, Ophelia, Champ Weiland, Killarney, White Killarney, Milady and other Roses mentioned in the price list below.

Fancy Lilies, Lily of the Valley, Complete Line of Greens

Current Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems.....	\$4.00
36 to 48-inch stems.....	3.00
30-inch stems.....	2.50
24-inch stems.....	2.00
20-inch stems.....	1.50
15-inch stems.....	1.00
Short.....	.75

Richmond.....		
Killarney.....		
White Killarney.....		
My Maryland.....	Extra select.....	\$8.00
Sunburst.....	Select.....	6.00
Ophelia.....	Medium.....	5.00
Milady.....	Short.....	4.00
Champ Weiland.....		

MRS. CHAS. RUSSELL—

	Per doz.
Specials.....	\$2.00
Select.....	1.50
Medium.....	1.00
Short.....	\$0.50 to .75

	Per 100
Roses, our selection.....	\$ 3.00
Carnations.....	3.00
Chrysanthemums.....per doz., \$1.50 to \$3.00	
Pompoms.....per bunch, .35 to .75	
Sweet Peas.....	\$.75 to 1.50
Harrisii.....	12.50 to 15.00
Valley.....	6.00
Adiantum.....	1.00
Asparagus.....per bunch, .50 to .75	
Ferns.....per 1,000.....	2.00
Galax, bronze and green.....per 1,000.....	1.25
Boxwood......25c per bunch; \$7.50 per case	

2,000,000 Feet of Modern Glass

Mention the American Florist when writing.

**Z M
E A
& N
C N
H N**

Heavy Supply

'MUMS AND POMPONS

ALL COLORS

Extra fine stock in the leading varieties, strictly home grown and from the same source that those fancy chrysanthemums came from that we supplied our trade with last season.

CHICAGO HEADQUARTERS

Russell AND Ophelia

Positively the largest and finest supply obtainable in the Chicago market. Also large quantity of fine Ward, Sunburst, Richmond, Milady, Killarney and White Killarney roses.

CARNATIONS, SWEET PEAS, VALLEY, LILIES, GREENS

Remember when ordering that our line is so complete that it includes every item offered in the Great Chicago Market.

30 E. Randolph St., L. D. Phones
Central 3283
Automatic, 42-965 Chicago

Mention the American Florist when writing.

Matthias Mann and Allie Zech will represent Zech & Mann at the fall flower show of the Illinois State Florists' Association, to be held at Bloomington, November 9-10. Their firm is handling a heavy supply of stock of all kinds, especially roses and chrysanthemums.

A. J. Stahelin and wife, of Redford, Mich., visited relatives here this week.

White, Pink and Yellow 'Mums

FINE STOCK, 10C EACH AND UP. GUARANTEED HOME-GROWN.

M. C. GUNTERBERG, 158 N. Wabash Ave., CHICAGO, ILL.

Mention the American Florist when writing.

Chrysanthemums

POMPONS--BEAUTIES

ROSES--CARNATIONS

Very highest quality obtainable in the Chicago market, and plenty for everyone at the prices quoted below. Send us a trial order today and you will never regret it. **Seeing is believing.**

Current Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.		Per doz.
Long stems		\$4.00
36-inch stems		3.50
30-inch stems		3.00
24-inch stems		2.50
18-inch stems		2.00
12-inch stems		\$1.00 to 1.50
White--KILLARNEY--Pink.		Per 100
Extra Special		\$7.00
Select		6.00
Fancy		5.00
Medium		4.00
Short		3.00

RICHMOND		Per 100
Extra Special		\$7.00
Select		6.00
Fancy		5.00
Medium		4.00
Short		3.00
OPHELIA.		Per 100
Extra Special		\$7.00
Select		6.00
Fancy		5.00
Good		3.00
SUNBURST.		Per 100
Extra Special		\$7.00
Select		6.00
Fancy		5.00
Good		3.00

GEORGE ELGAR	35c per bunch
ROSES, OUR SELECTION, \$3.00 PER 100.	Per 100
LILIES, Fancy	\$12.50 to \$15.00
Chrysanthemums, per dozen..	1.50 to 3.00
Carnations	2.50

Miscellaneous.

Ferns, per 1,000	2.00 to 2.50
Smilax, per doz.	2.00
Adiantum	1.00
Sprenger, per bunch.....	.50
Asparagus Sprays, bunch.....	.50
Galax, bronze and green, per 1,000	1.25

Other Green Goods Market Rates.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

H. N. Bruns is making a fine store display of seasonable plants and intends to have a regular chrysanthemum show early in November. The lily of the valley benches are filled to their capacity with pips, affording a heavy cut of the choicest flowers daily. Herman, the proprietor's eldest son, who spent some time in the floricultural department of the Illinois State University, is now employed here and has made a good start in the practical storage and forcing of lily of the valley as well as in flower shop work.

J. A. Budlong's force worked all day Sunday, October 29, getting out orders for All Saints' day. The demand, according to Manager Schupp, was mostly for roses, carnations and chrysanthemums, although the latter were not as popular as in previous years. Budlong's enlarged store is attracting much attention and will be second to none when the alterations are completed.

Andrew Chronis reports that the Alpha Floral Co. has sold its Des Moines, Ia., store, operated under the same name, and which has been in charge of Gust. Pappas, to the J. S. Wilson Floral Co., who have already taken possession. Mr. Pappas has been in poor health for some time and will now be able to enjoy a well earned rest. He is expected here this week.

Wietor Bros. are cutting a large quantity of Marigold, Col. D. Appleton, white and pink Chieftain and a large number of other varieties of chrysanthemums, in addition to a heavy supply of pompoms. They report a brisk demand for miniature chrysanthemums, which they are growing in quantity this season. American Beauty roses are in good crop with them.

Bassett & Washburn report a busy week with a good demand for roses and chrysanthemums. Their new car-

Roses---Carnations---Chrysanthemums

Everything else in seasonable Cut Flowers and Greens.

Supplies For Fall Decorations

Natural Prepared Oak Sprays--Colored Ruscus
Magnolia Leaves--Baskets--Ribbons--Chiffons.

Write for our weekly wholesale cut flower price list.

O. A. & L. A. Tonner
30 E. Randolph Street, CHICAGO, ILL.

Phone,
Central 6284.

nation, Belle Washburn, is looking fine as usual and always commands top market prices. Orders are now being booked for rooted cuttings of this variety for December and later delivery.

Chas. W. McKellar is having a good call for pumpkins which are arriving from his own farm in Niles township. Frank Schleiden has been carving the likenesses of several of the leading politicians on them, many of which are being featured in the window displays of some of the loop florists.

The Chicago Flower Growers' Association is handling a large supply of local grown strawflowers and other seasonable stock, especially carnations, which are arriving in larger quantities. Roses and chrysanthemums are their leaders.

W. F. Duntemann of Bensenville has recovered sufficiently from his recent accident to be about with the aid of crutches. He surprised his many friends in the wholesale market by paying them a visit this week.

Miss L. A. Tonner is expected home from Bacocton, Ga., next week. O. A. Tonner is looking after both the sup-

ply and cut flower departments at O. A. & L. A. Tonner's during her absence.

Weiland & Risch are pleased with the demand they are having for their new rose, Champ Weiland, and are growing it on a large scale this season.

Carl Vaughan, formerly at Vaughan's Seed Store, now in the automobile business at Tulsa, Okla., has been calling on friends in the city this week.

M. C. Gunterberg is handling a large supply of home-grown chrysanthemums and pompoms and reports a good demand for same.

H. B. Kennicott says that Kennicott Bros. Co. received its first shipment of Bonnaffon chrysanthemums October 30.

E. C. Pruner is making a western and A. W. Herre a southern trip in the interests of Poehlmann Bros. Co.

George Reinberg is still cutting a good supply of roses from one of the best crops he ever had.

The John Kruchten Co.'s daily shipments now include a good supply of cattleyas.



Positively Everything You Need

**BEAUTIES-ROSES-ORCHIDS-VALLEY-LILIES
'MUMS-POMPONS-CARNATIONS-GREENS-Etc.**

CURRENT PRICE LIST—Subject to Change Without Notice.

Beauties.	
Long stems	Per doz. \$3.00 to \$4.00
30 to 36-inch stems	2.50
20 to 24-inch stems	1.50 to 2.00
15 to 18-inch stems	1.00
12-inch stems	.75

Mrs. Chas. Russell.

Extra fancy	Per 100 \$15.00 to \$20.00
Good medium	10.00 to 12.00
Good short	4.00 to 6.00

Roses.

Ophelia, fancy	\$8.00 to \$10.00
“ good	5.00 to 6.00
“ short	2.00 to 4.00
Killarney, fancy	8.00
“ good	5.00 to 6.00
“ short	2.00 to 4.00

Richmond, fancy	Per 100 \$ 8.00
“ good	\$5.00 to 6.00
“ short	2.00 to 4.00
White Killarney, fancy	8.00
“ good	5.00 to 6.00
“ short	2.00 to 4.00
Ward, fancy	8.00
“ good	5.00 to 6.00
“ short	2.00 to 4.00
Sunburst, fancy	8.00
“ good	5.00 to 6.00
“ short	2.00 to 4.00
Killarney Brilliant, fancy	8.00
“ good	5.00 to 6.00
“ short	2.00 to 4.00

Roses, our selection..... \$3.00

Carnations.

Special fancy	Per 100 \$3.00
Good	\$1.50 to 2.00

Miscellaneous. Per 100

Easter Lilies, select	\$12.50 to \$15.00
Orchids, Cattleyas	per doz. 7.50
Vandas, fine large sprays	25c per flower.
Chrysanthemums	per doz. \$1.50 to \$4.00
Pompons	per bunch .35 to .50
Violets, Home-Grown, Single	.75

Greens.

Asp. Plumosus	per string, \$0.50
Asp. Plumosus Sprays	bunch, \$0.35 to .50
Sprengerl	per bunch, .35 to .50
Adiantum	per 100, 1.00
Smilax, choice	per doz., 1.50 to 2.00
Fancy Ferns	per 1,000, 2.00 to 2.50
Galax Leaves	per 1,000, 1.25
Wild Smilax	per case, 5.00
Boxwood, per lb., 25c; 50 lb. case	7.50

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572

161 North Wabash Ave. Chicago

Mention the American Florist when writing

The Chicago Flower Growers Association

WHOLESALE GROWERS of CUT FLOWERS and PLANTS

182 North Wabash Avenue

L. D. Phone Randolph 631

CHICAGO

IN LARGE SUPPLY HERE

'MUMS
POMPONS
ROSES

VIOLETS
VALLEY
LILIES

ORCHIDS
CARNATIONS
SWEET PEAS

SNAPDRAGONS
CALENDULAS
STRAW FLOWERS

PLUMOSUS
SPRENGERI
SMILAX

WINTER BERRIES
MEXICAN IVY
BOXWOOD

ADIANTUM
LEUCOTHOE
GALAX

Mention the American Florist when writing.

Peter Reinberg has a beautiful new pompon that looks like a winner and is on exhibition at the store. It is a sport of Acto and greatly resembles the rose Ophelia in color. Emil Reichling, superintendent of the Reinberg greenhouses, is enthusiastic over this variety and says that it is the best pompon now being grown at their es-

tablishment. It will be registered this week and in all likelihood be offered for sale in 1917.

At Erne & Klingel's store chrysanthemums and pompons are arriving in large quantities in addition to everything else in seasonable cut flowers. Choice boxwood is seen in good supply here.

Miller & Musser sold large quantities of Michigan red winter berries last week and will have them in quantity all through the season.

The Atlas Floral Co.'s Hallowe'en window was good and attracted much attention.

The E. C. Amling Co. is making city deliveries with a new Ford.

HUGHES WILSON PYFER

Vote for whom you please but be sure and Choose
A. T. Pyfer & Co. to supply you with your Cut Flowers.

A. T. PYFER & CO.

Wholesale Florists

30 E. Randolph Street,

Long Distance Telephone
Central 3373

CHICAGO, ILL.

Poehlmann Bros. Co. is cutting a fancy grade of roses, particularly Mrs. Chas. Russell and American Beauty, which they are growing in quantity. Chrysanthemum pot plants and cyclamen are in good demand and all the visitors to Morton Grove are complimenting the firm on the fine lot of stock that it has to offer this year. The supply department is busy as can be and Manager Waters and his assistants are kept continually on the jump filling the many orders received.

Julian Jegen, sole owner of the Jegen Floral Co., 1155 North State street, although only 21 years of age, enjoys one of the best patronages in this city's exclusive district and bids fair to be a big factor in the retail trade in a few years. He has a splendidly equipped store which he takes great pride in keeping in the best possible condition at all times. The interior of his store is reproduced in miniature and in natural colors on the back of his business card.

Percy Jones is showing a fancy grade of carnations, which are in good demand and clean up nicely every day. Chrysanthemums and pompons are seen in large supply here in all the seasonal varieties. This firm is seriously considering adding a couple of Fords to its city delivery service in the near future.

Pyfer & Olsem are shipping a splendid supply of carnations to A. T. Pyfer & Co., from their new range on Murphy avenue in Rogers Park. Mr. Pyfer says that Pyfer & Olsem will be back as strong as ever in the carnation game next season, when they will have several new varieties to offer to the trade.

Kyle & Foerster are pleasing their trade with a splendid grade of gardenias, which they are handling in quantity, in addition to a complete line of all other seasonable stock. Trade at this establishment has been splendid right along, with the sales the past year the largest in the history of the firm.

A. Vanderpoel, 4013 Colorado avenue, is back from Quincy, where he represented the local Gardeners' and Florists' Union, No. 10615, at the annual convention of the State Federation of Labor.

Wm. Winterson paid his son, E. F. Winterson, a visit at the store this week, which was the first time he has been down to the wholesale market for almost a year.

Paul Nanzie's place at Wilmette was visited by fire October 30, when con-

siderable damage was done to the packing shed. His loss is estimated to be about \$800.

Joseph Ziska & Sons are busy as can be in the wire department and keep Raymond and his Ford on the jump at all times making city deliveries.

The Boston store has been selling fancy long stemmed Killarney roses for 15 cents per dozen and chrysanthemums for 7½ cents each this week.

Chris Pedersen, 58 East Randolph street, is able to be about again after being confined to his home with rheumatism for two months.

William Lorman, of the A. L. Randall Co.'s cut flower department, is happy as can be over the arrival of a baby girl at his home last week.

Chas. H. Zapfe, 424 East Sixty-first street, reports business as good and is very optimistic in regard to the approaching season.

Guy W. Reburn is making his headquarters at 160 North Wabash avenue and will have an announcement to make in the near future.

Victor Young & Co., 1239 North Clark street, had a big wedding order November 2, which called for a large amount of stock.

Hoerber Bros.' principal offerings this week are a fancy grade of chrysanthemums and roses, particularly Killarney and Ophelia.

Fritz Bahr, Jr., is home from the Mexican border, where he was on duty with the California troops for several months.

The Central Floral Co., 132 North State street, is featuring table decorations in its window displays.

H. C. Neubrand, representing A. N. Pierson, Inc., Cromwell, Conn., called on the trade here this week.

Chrysanthemum plants are unusually fine at Vaughan's Greenhouses this year and moving fast.

The Leveson Floral Co. is doing a nice business at its new store at 2101 Lincoln avenue.

A. Miller, of the American Bulb Co., is back from a business trip to Detroit, Mich.

Visitors: Frank Gorly, of Grimm & Gorly, St. Louis, Mo.; C. Brunner, Price Hill, Cincinnati, O.; Miss M. Ziegler, Bellevue, O.; Chas. Barcher and wife, Denison, Ia.; E. R. Sackett, Fostoria, O.; James Cole, Peoria; C. A. Forsberg, with J. C. Rennison Co. (Inc.), Sioux City, Ia.

Strasburg, Pa.

A trolley ride of an hour from Lancaster, Pa., through a splendid farming and scenic country, brings one to Strasburg, where there are several carnation growers. Chas. B. Herr is noted for his model place. While the establishment is not extensive, everything is of the best. The houses of Lord & Burnham construction, have been up 16 years and look as good as new. About 11,000 carnations are housed and they are now in fine shape; not many flowers, but Mr. Herr says it is a mistake to let them flower early, as it takes too much from their vitality. For red spider he advocates a spraying of salt water, a pint and a quarter of salt to a gallon of water, put on with an atomizer. The plants take kindly to it. He prepares his soil outside in the field by ploughing in manure in the fall and also a good quantity ploughed in again in the spring. His varieties are Matchless, Beacon, Pink Ward, Alice, Alice Coombs and Enchantress Supreme. Mr. Hess' office is a model. A visitors' book in which all are invited to sign their names, is a happy feature. J. Wade Gayley is also a carnation specialist, housing about the same as Mr. Hess. His stock is doing very well and looks very promising. A new house 35x140 feet has been added this summer.

Amos N. Rohrer & Son, also growers of carnations exclusively, have a splendid stock in their very light and practical houses. They are growing more than 11,000 plants, which are now in a forward state, being filled with buds. Quite a number of flowers have been marketed this fall. The whole place looks very promising.

Dallas, Tex.

H. S. Ely of Neosho, Mo., has been selected to act as judge at the flower show of the Texas State Florists' Association to be held in this city, November 15-17.

Business is beginning to pick up, and from a tour of the state, all indications point to excellent trade this fall.

Chrysanthemums are coming in and the quality is fine. T. J. W.

HAGERSTOWN, MD. — An attractive flower store has been opened on Public square by Wallace R. Brewer.

YELLOW—WHITE—PINK.

**Heavy
Supply****'MUMS****Good
Quality****Also a good supply of the following Roses**Mrs. Chas. Russell
Lady Alice Stanley
Mrs. W. R. HearstOphelia
Sunburst
MiladyMrs. Aaron Ward
Hoosier Beauty
Double White KillarneyDouble Pink Killarney
Pink Killarney
Killarney Brilliant**NOVELTY ROSES: Cecile Brunner or Sweetheart—Baby Doll—George Elgar.****CARNATIONS---Dependable Supply****You can rely upon us to supply Carnations in spite of their scarcity.**

Notwithstanding the general reports that there is a scarcity, we have a dependable supply and can furnish you with what you need.

VALLEY--LILIESOur Blue Ribbon Brand speaks for itself.
Daily supply of Valley as well as Lilies.**'MUMS and POMPONS**

Can supply in Yellow, Pink and White varieties.

VIOLETS

Fragrant Home-Grown Single Violets.

SNAPDRAGONS

Choice White, Pink and Yellow.

Why Not Use The Best For Your Trade ?We never failed to take care of our customers during the extreme scarcity existing last spring. This year finds us situated better than ever to supply **you**, as we are receiving the output of several large new growers in this vicinity, together with the usual supply from our large range. Why not send your orders to us where they are always sure to be taken care of?**Our offerings consist exclusively of strictly fresh home-grown stock—bound to reach you in good condition.****You can increase your profits and business by sending us your orders; remember, we make no charge for boxes or packing which in itself is a saving to you.****Quality
Speaks
Louder
Than
Prices.****J. A. BUDLONG**

184 North Wabash Avenue, CHICAGO.

**ROSES, VALLEY
and CARNATIONS
A Specialty.....****WHOLESALE
Grower of****CUT FLOWERS****Prices
As
Low
As
Others.****SHIPPING ORDERS GIVEN CAREFUL ATTENTION.****We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.****Indianapolis, Ind.****MARKET CONDITIONS FAVORABLE.**

Retailers and growers are well satisfied with trade conditions. The chrysanthemum crop is being moved rapidly at very favorable prices and plenty of the early and mid-season varieties are seen. Carnations and rose sales have not been affected as yet, the former selling at from two and one-half to three cents for good quality stock, while the latter are quoted at from two and one-half to eight cents, with a few extra selects moving at 10 cents. The market for orchids, violets and sweet peas has shown signs of greater activity, due to numerous social functions. Good short snapdragons also had a place and a few calendulas and pansies have made their appearance but meet with light demand. A generous supply of Sprengeri and plumosus cleans up daily and good smilax can be had at 15

cents per string. Yellow chrysanthemums in pots have had quite a run for Hallowe'en decorations, which have surpassed those of former years, especially for parties and dances.

NOTES.

The city has erected a new greenhouse, 25x100 feet, which makes a total of 10. The entire range is of steel construction and was erected by the Lord & Burnham Co. On the occasion of the formal opening, October 29, about 12,000 visitors inspected the houses and the sunken gardens, which will be permanently planted next year.

The Benson-Oilar store was a bower of cut flowers and pot plants artistically arranged for their opening November 2. During the afternoon and evening souvenirs were presented to visitors, who were entertained with music.

The Claypool Florist recently had a novel decoration for the University of

Indiana banquet and reception in the form of a huge foot-ball 48 inches in diameter, made of white chrysanthemums tied with red ribbons.

John Rieman, who recently put in a fine new display window and redecorated his store, now has one of the most attractive establishments in this city.

A three day session of the Indiana Teachers' Association and a foot ball game caused a flurry in counter trade during the week.

Henry Rieman and John Grande, Jr., are showing some of the finest pot chrysanthemums in the city.

Bertermann Bros. Co. arranged an especially attractive Hallowe'en window.

John Grande, Sr., has a fine supply of single violets at present.

John Elsner has a new delivery car. Visitors: M. A. Leganger, Robert Newcomb and A. W. Herre, Chicago; Herbert Heihl, New York. M. E. T.

Raedle's Special Plant Basket Offers

Styles you will need this fall and winter. Leading florists everywhere are using them for their foliage and blooming plants or in making combinations of both. They say that our baskets are best adapted to this kind of work, for the sizes are consistent with the dimensions of the pots and fit in very nicely.

No. 1--\$18.00 Per Dozen.

Assortment of 12 Plant Baskets for plants ranging in size from 5 to 10-inch pots, \$18.00 per dozen.

No. 2--\$12.00 Per Dozen.

Assortment of 12 Plant Baskets for plants ranging in size from 5 to 10-inch pots, \$12.00 per dozen.

No. 3--\$8.00 Per Dozen.

Assortment of 12 Plant Baskets for plants ranging in size from 5 to 10-inch pots, \$8.00 per dozen.

The difference in prices is due to the quality, but each offer is a good buy and big value. For other sizes and styles, write for new catalog.

RAEDLEIN BASKET CO.
713 Milwaukee Avenue, CHICAGO



Milwaukee.

RUSSELL AND OPHELIA SHORT ITEMS.

The cloudy and cool weather during the past week did not affect the supply of cut flowers to such an extent as to cause any inconvenience in filling all orders with the exception of Russell and Ophelia roses. Carnations were more plentiful, but have still held their own thus far. The chrysanthemum is again the queen of the market and undoubtedly will remain so until Thanksgiving is over. Everybody is now cutting them and they also grace all windows to good advantage.

NOTES.

Chas. Meckenhauer, who belonged to the pioneers in the landscape gardening of Milwaukee, passed away, October 28, at the ripe age of 81 years. For many years he was private gardener for the Uihlein Bros., who own the Schlitz brewery, but of late years he has been following the landscape business with the help of his son. He resided at 1200 Richard street. Interment was at Forest Home cemetery, October 31.

Julius Neudeck, who was a familiar person in the wholesale district, having done the buying every morning for the M. A. McKenney Co. for the past seven years, severed his connection with that firm October 25. He always was on hand early, consequently getting the cream of the stock before a good many others saw it.

In the midst of a profusion of plants and cut flowers, Frank A. Sylvester, of the J. M. Fox & Son firm, was, October 25, united in marriage to Miss Althea Anschuetz. The announcements state that they will be at home after December 1 at 1087 Fortieth street. We extend our best wishes for a long and happy future.

The writer saw a vase of the new rose, Gorgeous, at the Milwaukee street store of the Edlefsen-Leidiger Co., which, in regard to substance and color, made a very favorable impression.

Archie McDonald, manager of the Gimbel Bros. cut flower department, is spending a few days with his folks, "somewhere in Indiana."

Some fine cyclamens seen on display at several retailers are said to have

been the product of the Holton & Hunkel Co.

Most of the retailers used pumpkins and oak leaves to good effect in making the Hallowe'en window decorations.

E. F. Kurowski, president of the John C. Moninger Co., Chicago, was a visitor last week.

E. O.

Cleveland.

HEAVY ROSE DEMAND.

Roses have been more plentiful this week, and although chrysanthemums are in good supply and in good demand, the call for roses has been wonderful. Pompons are most in demand, some beautiful pink, yellow and bronze arriving daily. White are still scarce. Some very good Francis King gladioli arrive and clean up daily; also, a few Augusta. Violets are in better demand as the weather turns cooler. Carnations with some of the growers are still very scarce, and all orders are filled short. A few sweet peas are on the market. Boxwood, which arrived this week, is much sought. Greens are plentiful.

NOTES.

Two new classes have been added to the premium list for the flower show, November 10-12, as follows: Non-commercial—for the best group of Orchid plants in variety, to cover space three feet by eight feet, accessories and greens allowed, 1st prize, \$50; 2nd, \$25; 3rd, \$10. For commercial growers—a vase of 50 American Beauties arranged for effect, 1st prize, \$50; 2nd, \$30; 3rd, \$20.

Walter Priest, of the Cleveland Plant & Flower Co., had his touring car stolen from in front of his store October 19. The police found it near Toledo, Ohio, where it had been abandoned by the thieves. Peter Nichols' chauffeur also skipped to Toledo with Nichols' touring car, but in both cases the autos were recovered and the thieves arrested.

The J. M. Gasser Co. retail store is undergoing extensive repairs. The Westman & Getz Co., on Euclid avenue, has just completed remodeling and refurnishing their store and the Jones-

Russell Co. also has added space by remodeling part of the basement, converting same into an exhibition and salesroom.

Mrs. John Henninger, nee Heide-man, formerly with the Cleveland Florist Exchange and member of the Women's Florist Club, gave birth to a fine baby boy, weight 8 pounds, October 24. Mrs. Al Wilhelmy gave birth to a baby boy on Saturday, Oct. 28. "A million in 1920," our slogan.

The Smith & Feters Co. was very busy with wedding decorations and funeral work the past week.

Visitors: Fred Breitmeyer and wife, Mt. Clemens, Mich.; Tom Magee, Scottwood Greenhouses, Sandusky, O.

C. F. B.

Pittsburgh.

BUSINESS BELOW NORMAL.

Business has not been up to standard the last few days, excepting for funeral work and weddings. Roses are very plentiful and sell at reasonable prices for the first time this fall. American Beauties have no call at all as chrysanthemums are being used instead; they have to be sold at a low price to get rid of them. Carnations are more plentiful and improve in quality each day. Lilies are a glut on the market. Violets are coming now and clean up each day. Lily of the valley is still very scarce, but sweet peas and swainsonas are used extensively in their stead. Greens are still very scarce; the demand seems to be greater this year than ever before. Yellow daisies are improving each day.

NOTES.

The McCallum Co. are now cutting their new yellow chrysanthemum, Mrs. M. R. Morgan, but not enough to meet the demand.

The football game between Pitt and Penn created quite a demand for yellow chrysanthemums October 28.

The Sewickley flower show will be held November 3-5. All florists are earnestly requested to attend this show. The florists' club will hold its banquet early in November.

Visitor: Milton Alexander, representing Lion & Co., New York.

M.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS

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CHICAGO, ILL.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS

L. D. Phone Central 8016-8017.

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The Largest, Best Equipped,
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174-6 N. Wabash Ave., CHICAGO

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CENTRAL 1977 and 1978.

Mention the American Florist when writing.

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151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

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Wholesale **Cut Flowers**
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Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave.,

Chicago

Mention the American Florist when writing.

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.Wholesale Cut Flowers,
Florists' Supplies.

Mention the American Florist when writing.

TOLEDO, OHIO.—At a meeting of the florists' club, October 17, the following officers were elected for the ensuing year: Geo. Bayer, president; Harry Heini, vice-president, and J. L. Shiller, secretary-treasurer.

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST. Per doz.

Roses, Beauty, specials	\$ 4 00@	\$5 00
" " 36-in.	3 00	
" " 30-in.	2 50	
" " 24-in.	2 00	
" " 20-in.	1 50	
" " 18-in.	1 00	
" " short.....per 100, \$4 00@	6 00	
Per 100		
" Mrs. Chas. Russell.....	\$4 00@	15 00
" Hoosier Beauty.....	4 00@	10 00
" Killarney Brilliant.....	3 00@	10 00
" Killarney.....	3 00@	10 00
" White Killarney.....	3 00@	10 00
" Richmond.....	3 00@	10 00
" Prince de Bulgarie.....	3 00@	10 00
" Rhea Reid.....	3 00@	10 00
" My Maryland.....	3 00@	10 00
" Mrs. Geo. Shawyer.....	3 00@	10 00
" Milady.....	3 00@	10 00
" Sunburst.....	3 00@	10 00
" Mrs. Aaron Ward.....	3 00@	10 00
" Hadley.....	3 00@	10 00
" Ophelia.....	3 00@	10 00
" Double White Killarney.....	3 00@	10 00
" Mrs. Moorfield Storey.....	3 00@	10 00
" Champ Weiland.....	3 00@	10 00
" Stanley.....	3 00@	10 00
" Tipperary.....	3 00@	10 00
" Frances Scott Key.....	3 00@	10 00
" Bayard Thayer.....	3 00@	10 00
" Cecile Brunner.....	2 00@	3 00
" George Elgar.....	2 00@	3 00
" Baby Doll.....	2 00@	3 00
" Fireflame.....	4 00	
" Our selection.....	3 00	
Carnations.....	1 50@	3 00
Cattleyas..... per doz., 7 50@	9 00	
Vandas.....25c per bloom.		
Gardenias.....\$3 00 per doz.		
Sweet Peas.....	75@	1 00
Daisies.....	1 00@	1 50
Calendulas.....	2 00@	4 00
Snaydragons,\$1 00@\$1 50 per doz.		
Chrysanthemums..... per doz.,	1 00@	4 00
Pompons..... per bunch, 25@	75	
Violets..... per 100, 50@	75	
Lilium Harrisii.....	12 50@	15 00
Valley.....	5 00@	6 00
Adiantum Croweanum.....	1 00@	1 50
Ferns..... per 1000, 2 00@	2 50	
Galax.....	1 00@	1 25
Leucothoe.....	75@	1 00
Mexican Ivy..... per 1000, 5 00@	6 00	
Plumous Strings.....each, 60@	75	
Smilax..... per doz., 2 00@	2 50	
Sprenger, Plumous Sprays.....	3 00@	4 00
Boxwood, 25clb., per case.....	7 50	
Wild Smilax..... per case, \$6.00		

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 NO. WABASH AVE., CHICAGO
Telephone Central 466

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

Mention the American Florist when writing.

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

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Mention the American Florist when writing.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

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New Crop Smilax

Smilax..... at \$2.50 per case
Green Sheet Moss... 1.75 per bag
Perpetuated Moss.... 3.50 per bag

Edward A. Beaven, EVERGREEN, ALA.

Mention the American Florist when writing.

Beauties

THE LEO NIESSEN CO.,

1201-5 Race St., Philadelphia, Pa.

Philadelphia.

INCREASING SUPPLY DEMORALIZES PRICES.

Bright autumn weather, all growers expectant, large shipments increasing in size with each consignment, market stationary, no extra demand, hurry calls for more pots and tubs to hold the stock, and additional quarters hired for the time being to store it in; result, —demoralization of prices, with dealers working overtime in their efforts to get something for their consignors. Such is the situation in this Quaker City. Chrysanthemums that would ordinarily bring \$12 to \$15 per hundred go for \$6.00, and fine long stemmed Ophelia roses sell as low as \$2, with much other stock in proportion. The whole assortment now offered is equal to the best seen at this season. American Beauty and tea roses from some growers are almost up to their winter standard. There is a much larger assortment of the polyantha type, which in their various forms and colorings, should prove as popular as the Sweetheart and George Elgar. Chrysanthemums are everywhere; we can hardly get into some of the houses without brushing against them and the quality is fine. White and pink Chieftain, Chrysolara, Marigold, Golden Queen, Halliday, Razer, Oconto, Pacific Supreme, Strafford, Florence Harris and others, together with some very good pompons, give great variety. Sweet peas are increasing in quantity as are carnations, although most growers are trying to hold back until the chrysanthemums are out of the way. Easter lilies appear to be holding up against the chrysanthemums very well. Cattleyas and lily of the valley are equal to the demand at fair prices. Mignonette, pansies, violets, daisies, yellow and white and snapdragons are all bidders for favor. How best to get rid of the surplus, or so organize the business that this overstocked condition shall be promptly met and turned to good account, is worth the attention of the bright minds in all branches of the craft. The wholesale merchants in all the large centers have made great strides in recent years by perfecting their shipping facilities and by other good business methods greatly widened their market. The growers' section is, however, gaining faster than that of any other, and at times of favorable weather, more stock is produced than, with the present methods of interesting the public, can be profitably handled. The retailer is the final medium through which all the stock must be handled; gluts or overstocked markets do not affect him, as when business is dull he generally plays safe, carries a small stock, buying only as this needs replenishing. While supplying the actual needs of the people is the main feature of the department stores of our large cities, yet much of their business comes from goods handled which are not strictly necessities or needed by the people, but who are attracted by the clever way in which they are advertised and displayed and buy because of the interest created in this way. Plants and flowers handled in these large stores and on the streets, are sold to people who had no intention of buying, but do so because the opportunity is presented; they see the flowers, they are inviting, and the sale is

Each week shows an improvement in the quality of our Beauties. You can always depend on us to fill your order for Beauties. We have plenty of the medium grades at \$12.00 and \$15.00 per 100.

Wholesale Flower Markets

BUFFALO, Nov. 1.		Per 100
Beauty Special.....	20 00@25 00	
" Fancy.....	15 00@20 00	
" Extra.....	10 00@12 00	
" First.....	8 00@10 00	
" Second.....	2 00@4 00	
Roses, Killarney.....	3 00@8 00	
" White Killarney.....	3 00@8 00	
" My Maryland.....	3 00@7 00	
" Sunburst.....	3 00@6 00	
" Ward.....	2 00@5 00	
" Shawyer.....	3 00@8 00	
Lily of the Valley.....	6 00	
Lilies.....	12 00@15 00	
Cattleyas.....	40 00@50 00	
Carnations.....	2 00@3 50	
Pompons.....	25 00@75 00	
Chrysanthemums.....	8 00@20 00	
Violets.....	50 00@60 00	
Asparagus Sprengeri.....	35 00@50 00	
Ferns.....	per 1000, 2 00	
Smilax.....	20 00	

CINCINNATI, Nov. 1.		Per 100
American Beauty, per doz.....	75 00@4 00	
Roses, Killarney.....	3 00@8 00	
" Mrs. Chas. Russell.....	6 00@10 00	
" My Maryland.....	2 00@8 00	
" Ophelia.....	4 00@10 00	
" Richmond.....	3 00@8 00	
" Sunburst.....	3 00@8 00	
" Taft.....	3 00@8 00	
Carnations.....	2 00@4 00	
Lilium Gigantum.....	10 00@12 50	
Lily of the Valley.....	6 00	
Orchids.....	7 50@9 00	
Chrysanthemum, doz.....	75 00@3 00	
Asparagus Plumosus, per dch., 25c		

BOSTON, Nov. 1.		Per 100
Roses, Beauty.....	20 00@25 00	
" Killarney Queen.....	2 00@8 00	
" White and Pink Killarney.....	2 00@8 00	
" Double White Killarney.....	2 00@8 00	
" Killarney Brilliant.....	4 00@10 00	
" Hadley.....	4 00@10 00	
" Cardinal.....	2 00@8 00	
" Mock.....	6 00@12 00	
" Mrs. Chas. Russell.....	6 00@12 00	
" Sunburst.....	6 00@12 00	
" Taft.....	2 00@8 00	
" Milady.....	2 00@6 00	
" Ward and Hillingdon.....	2 00@8 00	
" My Maryland.....	50 00@5 00	
Cattleyas.....	50 00@75 00	
Lily of the Valley.....	4 00@5 00	
Sweet Peas.....	50 00@1 00	
Carnations.....	1 00@2 00	
select.....	2 00@3 00	
Chrysanthemums.....	5 00@16 00	

made. Immense quantities of flowers are sold in this way, and much greater results could be secured through the regular retail channels if the great majority of store keepers could be made to see the possibilities along this line in selling campaigns when there is a full market. Growers and wholesalers may say this is none of our business, but selling campaigns and exploitations of manufactured specialties, and even standard articles, are now the order of the day and largely profitable—they are educational, put new ideas and pep into slow going minds, and worth much more than the money and energy expended.

NOTES.

The chrysanthemum exhibition of the Pennsylvania Horticultural Society bids fair to be distinctly better than any held in recent years. The impetus of the national show of last spring should be a great factor, while the prestige that the Chrysanthemum Society of America, whose annual display is held November 8, in conjunction with theirs, will add, should make this one of the best fall shows in the country.

WELCH BROS. CO.

WHOLESALE

Cut Flower Market
262B DEVONSHIRE STREET,
BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 a. m.

BERGER BROS.

Central Market

ROSES, ORCHIDS, VALLEY

Choice Early Chrysanthemums
Always high grade Easter Lilies

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Edward Reid

WHOLESALE FLORIST

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.

CATTLEYAS, CARNATIONS AND LILIES.

One block from Express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

President S. S. Pennock, of the American Rose Society, has called a meeting for November 8, to arrange plans for the grand rose show to be held in Horticultural hall, this city, March 20-23, 1917. A special guarantee fund of \$5,000 is now being subscribed; over \$1,200 was offered almost at once and additional names are coming in daily. This will be much the finest rose show ever held in this country.

The Philadelphia Wholesale Florists' Exchange had a sale last week of 1,000 pot plants of chrysanthemums, Chrysolara chrysanthemums and Ophelia roses are features here.

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

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HOLTON & HUNKEL CO.

462 Milwaukee St., Milwaukee, Wis.

Wholesalers and Growers of
**Choice Cut Flowers
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We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

Mention the American Florist when writing.

H. KUSIK & CO.

Wholesale Florists
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Manufacturers of Wire Designs.

We are the largest cut flower shippers in Kansas City. If on the market, we have it. Get our prices and we will fill your orders. Satisfaction guaranteed.

1016-1018 McGee Street

Kansas City, Mo.

Mention the American Florist when writing.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.
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STUART MILLER, WHOLESALE FLORIST

Always Seasonable Flowers

Orchids, Valley, Roses, Easter Lilies,
Best Early Chrysanthemums.

Unexcelled Opening for Carnation Consignors for the Coming Season.

ONE BLOCK FROM EXPRESS OFFICE
1617 Ranstead Street, PHILADELPHIA, PA.

Philadelphia Wholesale Florists' Exchange

High Grade Roses, Gladioli, Asters, Easter Lilies and other Seasonable Flowers.

Up-to-the-Minute Service. Satisfaction Guaranteed.

WANTED—A consignor with 25 bunches Asparagus a day.
1615 Ranstead St., Philadelphia, Pa.

GUST. RUSCH & CO.



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Phone Main 1245. P. O. Box 206

444-446 Milwaukee St., Milwaukee, Wis.

New Fancy Ferns

Special picked. Leave your regular orders with us.

Fancy Lily of the Valley, Orchids, Gladioli, Lilies and all other seasonable flowers.

FLORISTS' SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist.
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Nov. 1.		Per 100
Roses, Beauty, special.....	25	00@30 00
.. .. fancy.....	16	00@20 00
.. .. extra.....	12	00@15 00
.. .. shorter grades.....	6	00@10 00
.. Mrs. Chas. Russell.....	3	00@15 00
.. Prima Donna.....	3	00@15 10
.. Killarney.....	2	00@ 6 00
.. White Killarney.....	2	00@ 6 00
.. Liberty.....	2	00@ 6 00
.. Hadley.....	4	00@12 00
.. Sunburst.....	3	00@ 6 30
.. Ophelia.....	3	00@ 8 00
.. Hoosier Beauty.....	4	00@ 6 00
Carnations.....	1	00@ 2 00
Cattleyas..... each, \$0 40@	50	
Lilium Longiflorum.....	8	00@10 00
Valley.....	4	00@ 6 00
Snapdragons.....	3	00@ 6 00
Chrysanthemums.....	6	00@20 00
Calendulas.....	2	00@ 4 03
Daisies, yellow.....	1	00@ 3 00
.. white.....	1	00@ 3 00
Violets, single.....	50	@ 75
.. double.....	50	@ 75

PITTSBURGH, Nov. 1.		Per 100
Roses, Beauty, special.....	25	00
.. .. fancy.....	20	00
.. .. extra.....	15	00
.. .. No. 1.....	8	00
.. Killarney.....	2	00@ 6 00
.. My Maryland.....	2	00@ 6 00
.. Sunburst.....	2	00@ 6 00
.. Mrs. Aaron Ward.....	2	00@ 5 00
Cattleyas.....	40	00
Lilium Giganteum.....	8	00
Carnations.....	3	00
Lily of the Valley.....	4	00
Dahlias..... 2 00@ 4 00 per 100		
Yellow Daisies.....	1	00
Chrysanthemums, doz., 1 00@3 00		
Adiantum.....	1	25
Asparagus Sprengerii, per bunch, 35@40		

MILWAUKEE, Nov. 1.		Per 100
Roses, Killarney and W. Killarney	3	00@ 8 00
.. Ward.....	3	00@ 8 00
.. Mrs. Chas. Russell.....	5	00@20 00
.. Ophelia.....	3	00@ 8 00
.. Hoosier Beauty.....	4	00@10 00
Lilies.....	15	00
Cattleyas..... per doz., 6 00		
Carnations.....	3	00@ 4 00
Rubrams.....	3	00@ 4 00
Valley.....	6	00
Chrysanthemums.....	1	50@ 3 00
Pompons..... per bunch, 35@ 50		

DAVID WELCH

EDWARD J. WELCH

WELCH'S WHOLESALE AND COMMISSION FLORISTS

FLORISTS' SUPPLIES

280 and 282 Devonshire St.,
BOSTON, MASS.

Consignments of Beauties, Lilies of the Valley,
Orchids and all other flowers received daily.

Telephone—Court Hill 2964, 2965.

H. G. BERNING Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

St. Louis, Nov. 1.		Per 100
Beauty, Special.....	5 00 per doz.	
.. Fancy.....	4 00	
.. Extra.....	3 00	
.. No 1.....	2 00	
.. No 2.....	1 50	
.. Short.....		8 00
Hadley.....	4	00@ 8 00
Killarney.....	3	00@ 6 00
Hoosier Beauty.....	4	00@ 8 00
Richmond.....	4	00@ 8 00
Sunburst.....	3	00@ 8 00
Ward.....	2	00@ 5 00
Mrs. Shawyer.....	6	00@15 00
Mrs. Russell.....	6	00@15 00
Ophelia.....	3	00@ 8 00
Carnations.....	1	50@ 2 50
Valley.....	4	00@ 5 00
Lilies.....	10	00@12 50
Orchids.....	5	00@ 6 00
Ferns..... per 1000, 1 75		

Bulbs--Boxwood--Nursery Stock

Sales at Auction Every Monday and Thursday at 10 a. m

Note Sales Days—MONDAY and THURSDAY.

JOHNSON & MILLANG, Inc.

Consignments Solicited.

10,000 Square Feet Devoted to Our Auction Business.

Coogan Bldg., 55-57 W. 26th St., NEW YORK
Under Cut Flower Exchange

Write for Catalogue. Ask for Prices.

Paul Berkowitz, of H. Bayersdorfer & Co., says that many florists stand in their own light in not keeping up their staple stocks. When some special thing is wanted they oftentimes find it sold out and are put to inconvenience and expense to get it. Preparedness for every opportunity is his motto. The call for this firm's fall catalogue was so great that a new edition has been ordered.

The Lord & Burnham Co. are busy supplying boilers for steam and hot water. Otto Thomas, Ridgewood, Md., and Chas. C. Lassohn, Belair, Md., being recent purchasers. The company has now so much work on hand that they have had to refuse orders that required immediate delivery.

The new garage of the S. S. Pen-nock-Meehan Co., on Ludlow street, opposite the store, is almost finished. This will greatly increase the efficiency of their cars. Chrysanthemums in quantity in all the popular varieties are a feature. Cattleyas and lily of the valley are also headliners.

J. Wm. Colflesh Sons are adding three 75-foot King houses to their plant at Fifty-third and Woodland avenue. One of the largest stocks of English ivy is seen here, they making a specialty of this plant. It is sold mostly to retail florists for window box and other decorative work.

About 50 employees are now required to handle the stock of customers of the Leo Niessen Co. Every courtesy is shown the patrons, while five automobiles in addition to express company trucks, which call hourly for shipments, manage the deliveries.

M. J. Callahan of West Market street is recovering from the recent fire, which only temporarily interfered with business. His trade is opening splendidly. W. J. Baker, is adding a new ice box. Splendid gladioli and snapdragons are features.

Care Korts, of the Joseph Heacock Co., has added to the wholesale florists' vocabulary a new selling phrase. In speaking of last week's business he said they "disposed of everything and commenced on Monday with a clean ice box."

Jack Berger says the handling of flowers at times of overproduction is entirely up to the retailer. Quantity and quality tell the story of the chrysanthemums here, additional quarters having been obtained to hold them.

Charles W. Moorby, of Germantown, is putting on a Ford delivery car. Business is increasing so that he finds this necessary. He is right in the thick of things and has a fine transient trade.

A box of crotons for California was shipped by the Robert Craig Co. the past week. Their sample stock of filled baskets for the Christmas holidays should suit most fastidious buyers.

Edward Reid's special chrysanthemums are fine stock. Cattleyas and high grade lily of the valley, of which latter he makes a specialty, are seen in quantity.

Herman Zimmer is handling autumn leaves by the carload (Ford car). He is a welcome visitor everywhere, as his stock is fine.

The windows of the London Flower Shop are gay with choice chrysanthemums and the latest up-to-date vases and pottery.

K.

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New York.

MARKET CONDITIONS UNSATISFACTORY.

There has been no improvement in the condition of the cut flower market since our last notes were written—if there is any change it is for the worse. A week of clear sunshine brought in stocks in great volume with no perceptible increase in the demand. At this time of year fine weather not only increases the supply of stock, but also keeps many of the best customers of the retailers away from their city homes.

There has been a slump in the prices of nearly all stocks. American Beauties, though not very plentiful, have been affected by the surplus of chrysanthemums. About 10 days ago, special American Beauties brought 30 and 35 cents each, wholesale, but now it is doing well to sell them for 25 cents and it is only the best stock that brings that figure. There are so-called specials on the market that are hard to move at 15 cents. As the supply of lily of the valley is seldom heavy, it keeps around six cents, but a month ago it was selling for eight cents. Easter lilies have fallen off and are now going for four cents; carnations one and two cents, with three cents for fancies and novelties. Violets have been greatly improved by the clear days and cool nights, but they are very slow, ranging from 15 to 35 cents per 100, according to quality. Excellent stock of tea roses is on the market but it does not clean up. In the mornings, a few are sold for six and eight cents, with higher prices for the best varieties, but what goes over has to take "pot luck." But it is the chrysanthemums that are the hoodoos. For the common run of stock, \$1 to \$3 per dozen is the best that can be realized for what is fresh, but we will not pretend to say what the surplus brings when it is hauled away by the truck load. There are some fancies and novelties on the market that bring \$4 to \$6 per dozen, but compared with the same total the quantity is small.

October 30.—The condition of the market is not encouraging. Stock keeps pouring in with no perceptible increase in the demand. No relief is in sight until the chrysanthemum crop is thinned out.



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" Double White Killarney.....	50	@ 5 00
" Killarney, My Maryland.....	4	00
" Special.....	3	00@
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" Queen.....	1	00@ 5 00
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" Richmond.....	50	@ 5 00
" Sunburst.....	50	@ 5 00
" Taft.....	50	@ 5 00
" J L Mock.....	1	00@ 6 00
" Ophelia.....	50	@ 5 00
" Mrs. Chas. Russell.....	1	00@ 8 00
" Cleveland.....	75	@ 6 00
" Hadley.....	1	50@12 00
" Hoosier Beauty.....	50	@ 5 00
Cattleya Orchids, special.....each,		
inferior grades.....	25	@ 35
Bouvardia.....	2	00@ 4 00
Rubrams.....	3	00@ 4 00
Lilies, Longiflorum and Harrisii.....	3	00@ 4 00
Lily of the Valley.....	4	00@ 5 00
Carnations.....	75	@ 3 00
Chrysanthemums.....per doz.	75	@ 2 00
Novelties, per doz.	4	@ 00
Gardenias.....per doz.	75	@ 3 00
Sweet Peas.....	1	00@ 1 25
Snaptidragons.....	0	@ 3 00
Violets.....	20	@ 35
Paper White Narcissus.....	2	00@ 3 00
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NOTES.

"Lest we forget," the Horticultural Society of New York will hold its fall exhibition in the American Museum of Natural History, Central Park West and 77th street, November 9-12. The exhibition will be open on the evening of the first day from 7 to 10 o'clock, for the members of the society, the museum and affiliated organizations. On Friday and Saturday, from 9 a. m. to 5 p. m., and from 7 to 10 p. m. On Sunday, from 1 to 5 p. m.

We recently had occasion to note the window box work at the Hotel Seville, 29th street near Madison square, which at the beginning of summer was planted and arranged by Frank Lorraine, the florist, of 17 East 28th street. The rubber plants and English ivies with which the boxes were filled, made such a luxuriant growth that they attracted general attention. He has now planted them with boxwood.

George J. Polykranas has sold his retail store at 665 Columbus avenue to John Flessas, and will hereafter devote his entire attention to his wholesale business at 104 West 28th street, in which he will be assisted by five of his family, Mrs. Polykranas and three sons and a nephew. He has recently put on another new Studebaker automobile for delivery.

John Young & Co., 53 West 28th street, are receiving from S. J. Reuter & Son, Westerly, R. I., exceptionally fine stock of the yellow chrysanthemum, Marigold. In appearance, it is one of the very finest yellows reaching this market. From the same growers they are receiving two other new ones, Acto and Fairy Queen, both of which look promising.

Johnson & Millany, Inc., the plantmen of the Coogan building, advise us that they are expecting a heavy shipment of bulbs and plants on the Noor-dam, due this week. Noteworthy in their stock are hyacinth collections, put up in packages, the name being with each bulb. There is an increasing demand for bulbs, and they report business improving.

The next meeting of the New York Florists' Club will be held in its rooms in the Grand Opera House building,

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PERFECT COLOR.

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GET OUR LATEST LIST OF OTHER SUPPLIES.

GEO. H. ANGERMUELLER
Wholesale Florist

1324 PINE STREET
ST. LOUIS, MO.

Eighth avenue and 23d street, on the evening of November 13. This being "ladies' night," a fine entertainment and a large attendance is expected.

H. W. Thomas, secretary of D. C. Arnold & Co., 112 West 28th Street, has returned to his desk, much improved in health, after a summer spent in the country. This firm is handling fine chrysanthemum stock from their own range at Babylon, L. I.

Joseph Martin, 976 Eighth avenue, is one of the retailers who does not talk much about himself, but is a very busy little worker. During the summer he, with his own hands, built a nice ice box and otherwise renovated and brightened up his store.

James G. Carlaftes, Southern boulevard and Simpson street, has what is doubtless the most attractive store in Bronx borough. At the present time his show windows are particularly noteworthy.

David Clark's Sons have recently sent out a very large amount of funeral work. In one week they made up six casket covers, all being largely of white roses, and in addition, they had many designs.

Armstrong & Mackie, who opened a retail store about two years ago at 671 Eighth avenue, have now a nice business, and during the past week were very busy with funeral work.

William P. Ford, 107 West 28th street, is handling fine stock of Moorehead, McNeill, Chrysolora and other chrysanthemums, also a good stock of roses and carnations.

Badgley & Bishop, Inc., 34 West 28th street, are receiving exceptionally fine blooms of the chrysanthemums, Lady Hopeton, Ramapo, Col. Appleton and Marigold.

The United Cut Flower Co., 111 West

New Crop Smilax

Smilax.....at \$2.50 per case
Green Sheet Moss..... 1.75 per bag
Perpetuated Moss..... 3.50 per bag

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Everything in Southern Evergreens
EVERGREEN, ALABAMA

28th street, received the first Major Bonnaffon chrysanthemums October 27, and are also well stocked with other varieties.

G. Leventrys, Westchester and Prospect avenues, calls himself the "Little Florist;" nevertheless, he has a very attractive corner and employs a shrewd buyer.

At Traendly & Schenck's we have noticed excellent stock of the chrysanthemums, Broomhead, Turner, Poehlmann and McNeill; also all the best roses.

We learn that the Essex County, New Jersey, Florists' Club, will hold a show November 13-15, in Palace hall, Washington and Bleecker streets, Newark.

John J. Curley, 532 Eighth avenue, though not old in years, has quite a period to his credit as a West Side florist, and we always find him busy.

Miss Alura M. Beardsley, 903 Seventh avenue, who closes her store during the summer months, has reopened and is showing attractive features.

George J. Bayerle, Jr., who opened a store at 1728 Second avenue, a year ago, has been very successful and we always find him busy.

The Olympia Florist, 686 Westchester avenue, has a very fine store and is a constant buyer in the wholesale district.
A. F. F.

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Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Briggs Floral Co., Chicago.
Brooklyn Cut Flower Market, Brooklyn, N. Y.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Callahan, M. J., Philadelphia, Pa.
Central Floral Co., Chicago, Ill.
Central Floral Co., Detroit, Mich.
Clarke's Sons, David, New York.
Comley, Henry R., 6 Park St., Boston, Mass.
Cooke, Geo. H., Conn. Ave., and L, Washington.
Dard's, 44th and Madison Ave., New York.
Dominion Floral Co., The, Montreal Quebec.
Duerr, Chas. A., Newark, O.
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Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
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McMurray, D. M., Pueblo, Colo.
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J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota. Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

Mention the American Florist when writing.

Houston, Texas.
Robt C. Kerr
Floral Co.

Main and McKinney Phone, Preston 160

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyes, 106 State St.
Amsterdam, N. Y.—John C. Hatcher.
Augusta, Me.—Robbins, F. A., 122 Wintthrop St.
Bangor, Me.—Sekenger, Adam, 32 Newbury St.
Boston, Mass.—Comley, Henry R.
Boston, Mass.—Thos. F. Galvin, Inc.
Boston, Mass.—Penn, The Florist.
Brooklyn, N. Y.—Brooklyn Cut Flower Market.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Briggs Floral Co.
Chicago—Central Floral Co., 132 N. State St.
Chicago—Friedman, 522 S. Michigan Blvd.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder, 3343 W. Madison St.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel, 17 E. Monroe St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters Co.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews, the Florist.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—J. S. Wilson Floral Co.
Detroit, Mich.—Central Floral Co., 35 Broadway.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
El Paso, Texas—Potter Floral Co.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Harrisburg, Pa.—Charles L. Schmidt.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles, Calif.—Howard & Smith.
Los Angeles, Calif.—Seki Bros. & Co.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Milwaukee, Wis.—J. M. Fox & Son, Inc.
Montreal, Quebec—The Dominion Floral Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Philips Bros.
Newark, O.—Chas. A. Duerr.
Newburyport, Mass.—E. W. Pearson.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Henry Hart, Inc.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—G. E. M. Stump.
New York—Young & Nugent.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia, Pa.—M. J. Callahan.
Philadelphia—The London Flower Shop, Ltd.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Providence, R. I.—T. J. Johnston & Co.
Pueblo, Colo.—McMurray, D. M.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Schenectady, N. Y.—John C. Hatcher.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Grimm & Gorly.
St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Joseph's, 235-35 Grant Ave.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Springfield, O.—Van Meter Flower Shop.
Springfield, Mass.—N. F. Higgins.
Steubenville, O.—Huscroft's Flower Shop.
Syracuse, N. Y.—Miles S. Hencle.
Terre Haute, Ind.—J. G. Heint & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Wilmette, Ill.—Pyfer & Olsem.
Williamsport, Pa.—Evensen Bros. Co.
Worcester, Mass.—Randall's Flower Shop.

Chicago.
BRIGGS FLORAL CO.

228 W. Madison St.
801 Sheridan Road.

Special attention paid to telegraph orders in Chicago and vicinity. One of our stores is located in the heart of the city and the other in the select north side residential district.

Los Angeles, Calif.
SEKI-BROS. & CO.

Wholesale and Retail Florists

We grow our own flowers All kinds of Decoration a Specialty
Phone A-2550 229 W. 4th Street

PYFER & OLSEM
WILMETTE, ILLINOIS

Careful attention to all mail or telegraph orders for delivery in Wilmette—Chicago's North Shore Suburb—Evanston, Kenilworth Winnetka, Glencoe, Lake Forest.

New York. Established 1849

David Clarke's Sons
2139 2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled
Phones, 1552-1553 Columbus

San Francisco
Podesta & Baldocchi
224-226 Grant Avenue

Mail or telegraphic orders promptly and most carefully executed.

Kansas City, Mo.

A. Newell
FLORIST

Established over 20 Years.
N. E. COR. 10th and GRAND AVENUE.

Lang Floral & Nursery Co., Dallas
1303 Main Street

Write or wire headquarters for flowers for Texas Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

Sedalia, Missouri.

Archias Floral Co.
Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.

Member of Florists' Telegraph Delivery.

N. F. HIGGINS
FLORIST AND DECORATOR
150 State St., SPRINGFIELD, MASS.

LEWIS HENDERSON, Florist
1814 Douglas St., OMAHA, NEB.

Member of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Telephone 1813 Main
BROOKLYN
Cut Flower Market, Inc.
Floral Designs a Specialty
356 FULTON STREET
BRANCH: 408 Fulton St.
BROOKLYN, N. Y.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members of Florists' Telegraph Delivery.

PHILIPS BROS., 938 Broad St.
NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.
Wolfskill Bros. and
Morris Goldenson

Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount.
229 WEST THIRD STREET

Kansas City, Mo.

Samuel Murray,
1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Little Rock, Ark.

PAUL M. PALEZ
FLORIST

All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

Tacoma, Wash.

California Florists
will take care of all telegraphic orders.

Michigan.

Orders will be carefully
cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS
Members of Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Avenues
Flowers delivered in city and state on short notice
Member of Florists' Telegraph Delivery.

E. W. PEARSON

47 State St., NEWBURYPORT, MASS.,
Covers all New England points.

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members of Florists' Telegraph Delivery.

Steubenville, Ohio.

Huscroft's Flower Shop

173 North Fourth Street

All Orders Promptly Executed

Cleveland, O.

The Smith & Feters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Friedman

...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery
in this section from the

LEADING FLORISTS OF THE NORTHWEST

CHARLES L. SCHMIDT

313 Market St., Harrisburg, Pa.

Night and day service in all Central Pennsylvania.

Omaha.

OCTOBER MAKES SPLENDID SHOWING.

October business was far in excess of the corresponding period in 1915. The visit of President Wilson, October 5, created a lively demand for flowers, and the annual ball of Ak Sar Ben, October 7, called for many corsage bouquets, cattleyas and lily of the valley leading in popularity. Several large funerals of out-of-town personages of prominence called for quantities of especially fine stock. Early chrysanthemums enjoyed a good demand and the late varieties are now arriving in heavy supply. Roses and carnations are also plentiful and of good quality. The home grown flowers will now be ample to meet all local requirements. The final shipments of Dutch bulbs are now in and the condition is good.

NOTES.

Hess & Swoboda supplied 350 cattleyas for the Ak Sar Ben ball. Arrangements for weddings and teas, in addition to several large funeral orders, have kept their force busy.

Theodore Wirth and wife of Minneapolis were the guests of J. J. Hess and wife for a few days on their way home from St. Louis.

GRIPPE.

KANSAS CITY, MISSOURI.

Rock's
FLOWERS

Members Florists' Telegraph Delivery Ass'n.

CHICAGO

Wangel
The
Palmer House
Florist
17 E. MONROE ST.

C. H. FREY Wholesale
and Retail
Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

Send Telegraph, Telephone or Mail Orders
for florist service in this vicinity to

THE DOMINION FLORAL CO.

484 St. Catherine's St., West
Montreal, Que., Canada

Every order receives prompt and careful attention

C. Trauenerfeldt
FLORIST

3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

For Wisconsin Delivery
OF

"Home Grown Flowers"

Get in touch with

J. E. MATTHEWSON, SHEBOYGAN,
WISCONSIN.

Member of Florists' Telegraph Delivery.



WASHINGTON
D. C.

Gudes'

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing.

SAN FRANCISCO
JOSEPH'S

233-235 GRANT AVENUE

Members of Florists' Telegraph Delivery and National Florists for this District. A specialty made of "Welcoming" and "Bon Voyage" packages.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Pueblo, Colo.

D. M. McMurray
FLORIST

105 East Abriendo Ave.

Mention the American Florist when writing.

Send Telegraph, Telephone or Mail orders for florist service in this vicinity to

Howard & Smith

853 So. Olive St., Los Angeles, Calif.

Every Order sure to receive prompt and careful attention.

Mention the American Florist when writing.

WORCESTER, MASS.

Randall's Flower Shop,

13 Pleasant Street.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing.

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing.

VAN METER FLOWER SHOP
SPRING and HIGH, **Springfield, O.**

BEST FLOWERS for EVERY OCCASION.

Mention the American Florist when writing.

Williamsport, Pa.
EVENDEN BROS. CO.

Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing.

Boston, Mass.

HENRY R. COMLEY, Florist, 6 Park St.

50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

Mention the American Florist when writing.

John C. Hatcher

Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Hoffmans, N. Y.

Mention the American Florist when writing.

FREY & FREY,
1338 O Street, LINCOLN, NEB.
WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing.

El Paso, Texas.

Potter Floral Co.

Member of Florists' Telegraph Delivery.

Boston, Mass.

Penn The Florist

"Penn, The Telegraph Florist"

Member of Florists' Telegraph Delivery Ass'n.

124 TREMONT STREET

Mention the American Florist when writing.

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

Mention the American Florist when writing.

Chicago **Detroit**
CENTRAL FLORAL CO.

132 North State Street, CHICAGO, ILL.

35 Broadway, DETROIT, MICH.

Special attention given to telephone and mail orders for delivery in either city and adjoining territory. Both of our stores are located in the heart of each city, which means quick and efficient service to theatres, hotels, depots, etc. Our Chicago store is located opposite Marshall Field & Co.'s retail establishment and one block from the Great Central Cut Flower Market.

DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

Mention the American Florist when writing.

Newark, Ohio.
CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing.

TERRE HAUTE, IND.

THINK OF HEINL'S

Mention the American Florist when writing.

Rockford, Ill.

H. W. BUCKBEE.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing.

St. Louis, Mo.

WIRE

Grimm & Gorly

Mention the American Florist when writing.

Augusta, Me.

F. A. ROBBINS, Florist

122 WINTHROP STREET

We deliver in Maine and all New England points.

Mention the American Florist when writing.

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing.

Cleveland, O.

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Mention the American Florist when writing.

Washington, D. C.

GEO. H. COOKE
FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing.

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of Florists' Telegraph Delivery.

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Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Members of Florists' Telegraph Delivery.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing.

PROVIDENCE, R.I.

and all T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing.

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President; F. W. Bolgiano, Washington, D. C., First Vice-President; L. L. Olds, Madison, Wis., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fifth annual convention, June, 1917.

SUGAR GROVE, ILL.—The Garton-Cooper Seed Co. has discontinued business.

HOLLISTER, CALIF.—C. C. Morse & Co. have purchased 200 acres of land near here for a seed farm.

CHICAGO.—Prices for grass seed on the Board of Trade, November 1, were as follows: Timothy, \$3.50 to \$5.00 per 100 pounds.

PASADENA, CALIF.—The Campbell Seed Co. reports excellent business during October in all departments. A very good season is anticipated.

NEW YORK.—Manager Deamud, of Vaughan's Seed Store, last week celebrated the arrival of a Chicago grandson, Wilder S. Deamud, Jr.

WICHITA, KAN.—The Ross Bros. Seed Co. has been incorporated with a capital stock of \$50,000. The directors are M. C. and L. A. Ross and Jesse D. Wall.

KANSAS CITY, MO.—The Rudy-Patrick Seed Co. of this city has secured a license to operate in Kansas. Frank Rudy will act as director for the firm in that state.

PORTLAND, ORE.—The Chas. H. Lilly Seed Company, of this city and Seattle, Wash., has purchased the warehouses of W. W. Robinson at Ellensburg and Wapato, Wash.

FRED BARTEDES, of the Barteldes Seed Co., Lawrence, Kans., had a big party at the Merchant's Club of that city, celebrating the sixty-fourth anniversary of his birthday, October 28, from 8 P. M. to ??? A. M.

VISITED CHICAGO: A. J. Brown, of the A. J. Brown Seed Co., Grand Rapids, Mich., returning from Saskatchewan, Canada; O. L. Coulter and Thos. M. Landrum, representing C. C. Morse & Co., San Francisco, Calif.

FEARING a large loss of grass seed as the result of the war, the Austrian ministry of agriculture has urged preserving and saving seed during the coming year. School boys will aid in carrying out the plan.

It is understood that certain importers have been selling Paper White Narcissus Grandiflora to florists on a basis of 50/50 on sales, jobber supplying the bulbs and procuring 50 per cent of the proceeds from the cut flower sales.

NEW YORK.—Frederick W. Wagenföhr, who for several years has been connected with Hermann's Seed Store on East 34th street, announces that he has bought Quade's Seed Store, 65 South Fourth avenue, Mt. Vernon, N. Y., and will hereafter conduct the business, carrying a full line of seeds, bulbs and plants. He is well and favorably known in this city and vicinity.

Cabbage Suits.

Rochester, N. Y., October 27.—Two cabbage suits for breach of contract were settled the past week, one in favor of the kraut company that brought it and the other in favor of the producers. In the first case the Empire State Pickling Co. of Phelps, attached the property of Burton Allen, of Manchester, on the ground that Allen had failed to deliver cabbage to the Phelps concern in accordance with a contract, and Allen settled the affair in Justice Cornford's court by making a cash payment to the pickling company to cover the damages claimed.

Louis Hollenback, who was sued by the Empire State Pickling Co. for alleged breach of contract, won his suit, as did R. M. Knickerbocker, who was named in the suit. Hollenback, the plaintiffs claimed, entered into an agreement to grow cabbage for the kraut factory, but instead of raising it on the land specified in the contract planted it on the farm of R. M. Knickerbocker and failed to make delivery. Through his attorneys Knickerbocker succeeded in having set aside the injunction obtained by the pickling company restraining him from selling or delivering the cabbage and also restraining Hollenback from selling and delivering any of the cabbage. The vacation of the injunction enables Hollenback and Knickerbocker to dispose of the cabbage as they see fit.

Trade Mark Infringement.

In the action for infringement of trade mark and unfair competition in the district court of the United States, Southern district of Ohio, Western Division, Opinion No. 19, E. W. Conklin & Son, Inc., plaintiff, versus the J. Chas. McCullough Seed Co., defendant, Jollister, J., the court handed down decision as follows October 30:

"At the close of the argument, the court expressed the opinion that the defendant's claim of prior use of the word 'Acme' and the letters 'J. C. McC.' in connection therewith upon bags and other receptacles in which timothy seed had been sold by J. Chas. McCullough, whose rights in 1913 were transferred to the defendant, was clearly established. A decree for defendant would have been entered then, but counsel for plaintiff urged earnestly the point that the use by defendant and its predecessor of the word 'Acme' and the initials 'J. C. McC.' was shown by the testimony to indicate merely grade or quality.

"There was much testimony on the part of defendant's witnesses that the word and the initials did indicate the

best quality and grade of timothy seed. If the evidence disclosed nothing else than that, the plaintiff would be entitled to a decree. But it discloses a great deal more. The use of the word 'Acme' and the initials of 'J. C. McC.' indicated also source of origin, as well as excellence, and they were known to the trade as indicating both quality and origin. This being so, the plaintiff's case can not be successfully maintained and the bill will be dismissed at plaintiff's costs.

"The respondent used 'Acme' and the initials 'J. C. McC.' for all kinds of grass seeds, while the plaintiff used 'Acme' and the initials 'E. W. C.' only as a trademark for timothy.

"In view of the conclusion reached on the merits of the case it will not be necessary to decide the question whether or not the allegation in the bill that plaintiff used 'Acme' with the initials 'E. W. C.' for all kinds of grass seeds, since it is untrue, would warrant a dismissal of the bill for that cause."

Demurrage Rates Advance Sought.

The American Railway Association has recommended to all railroads in the United States some very radical increases in demurrage rates for detention of freight cars by consignees or shippers and that the conditions connected with applying these rates be made much more severe. Present demurrage rates are \$1 per car per day after 48 hours' free time. The charge as proposed is \$2 for the first day after the free time, \$3 for the next, \$4 for the next and \$5 per day thereafter.

Imports at New York.

The steamer Zyldyk, from Rotterdam, was entered at the port October 28, having horticultural goods as follows:

Chas. Schwake & Co., five cases shrubs.
Ralph M. Ward & Co., 11 cases bulbs.
W. E. Marshall & Co., five cases bulbs.
Wm. Elliott & Sons, two cases bulbs.
A. T. Boddington Co., six cases bulbs.
Stump & Walter Co., five cases bulbs.
Johnson & Millang, Inc., five cases bulbs.
Julius Rochers Co., 83 cases shrubs, etc.
M. Van Waveren's Sons, 108 cases bulbs.
C. F. Meyer, one case bulbs.
Elliott Auction Co., 15 cases bulbs.
Vaughan's Seed Store, nine cases bulbs.
McHutchison & Co., 177 packages shrubs, etc.
Peter Henderson & Co., one case bulbs.
To others and to order, 309 cases bulbs, 310 cases and packages shrubs, etc., 11 cases roots, 35 bags seed.
A. F. F.

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids,

Mich.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Lilium Harrisii BULBS

	Per 100	Per 1000
5 in. to 7 in.	\$ 4.50	\$36.00
7 in. to 9 in.	8.00	72.00

PAPER WHITE NARCISSUS GRANDIFLORUS

Prices on application.

WE OFFER TO FLORISTS
A CHOICE SELECTION OF
HYACINTHS, TULIPS, Etc.,

FOR FORCING OR
OUTDOOR PLANTING.

Send us a list of your requirements and
we will give you attractive
special prices.

J. M. THORBURN & CO.
53 Barclay Street, through to 54 Park Place
NEW YORK CITY.

S. M. Isbell & Co.

JACKSON, MICH.

Contract Seed Growers

Beans, Cucumbers, Muskmelon,
Watermelon, Squash, Sweet Corn.

Michigan-grown Radish our Specialty.
Correspondence Solicited.

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.
SANTA ANA, CALIFORNIA.

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; **TOMATO, LIMA and POLE**
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Asparagus Plumosus Nanus

Greenhouse Grown Seed

1,000 Seeds, \$3.50 10,000 Seeds, \$32.50

Californian Grown Seed

1,000 Seeds, \$2.50 10,000 Seeds, \$22.50

5 per cent discount, Cash with order.

ARTHUR T. BODDINGTON CO., Inc.
128 Chambers Street, NEW YORK.

Kentia Seeds

New Crop--Just Arrived.

KENTIA BELMOREANA KENTIA FORSTERIANA
COCOS WEDDELIANA

WRITE FOR IMPORT PRICES, STATING QUANTITY REQUIRED.

McHUTCHISON & CO., **THE** **95 Chambers St., NEW YORK**
IMPORT HOUSE

LATE SHIPMENT of DUTCH BULBS

Just received last carload of choicest bulbs for fill-in orders.

HYACINTHS, TULIPS, NARCISSI, ETC.

THE W. W. BARNARD CO., Seedsmen
231-235 W. Madison Street, CHICAGO

BEANS, PEAS, RADISH

AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write or prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St., Telephone Main 2762. CHICAGO

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, NEBRASKA

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

Mention the American Florist when writing

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc.
Moorestown, New Jersey

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale
Farm.

Bristol, Pa.

Mention the American Florist when writing

Petunias Petunias

Seeds of our celebrated strains will be ready in November.

Seedsman can safely recommend our Giants of California, Fluffy Ruffles, Giant White, Marvelous double, and Peony-Flowered double.

Gold Medal Panama-Pacific Exposition. Silver Medal Panama-Calif. Exposition.

Prices and list on application.

T. B. SHEPHERD CO.,
VENTURA, CALIF.

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,

Onion Sets, Seed Potatoes

Growers of
Pedigree Tomato Seeds Baltimore, Md.

American Bulb Co.

A. Miller, President.

WHOLESALE DEALERS IN

Bulbs, Seeds, Supplies, Etc.

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J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

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Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

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Specialties: Pepper, Egg plant, Tomato,
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Correspondence Solicited.

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PEDRICKTOWN, N. J.

My New PRICE LIST of

**Winter Orchid-Flowering
Sweet Pea Seed**

Has been mailed. If you have not received a copy, send Postal for it.

Part of new crop is ready now.

Ant. C. Zvolanek, Lompoc, Calif.

MANN'S

Lily of the Valley

are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

Bulbs for Present Planting

HYACINTHS

First Size—L'Innocence, Albertine, Grand Maitre, Gertrude, Gigantea, King of Blues.....\$4.25 per 100

Second Size—Named variety.....\$28.00 per 1000

NARCISSUS

Per 1000

Emperor, M. B.....\$17.50

1st size.....12.00

Empress, M. B.....17.50

1st size.....12.00

Victoria Bic., M. B.....19.00

1st size.....13.00

CROCUS

Per 1000

Named variety.....\$7.50

Mixed.....4.00

Giganteum Lilies

Per case

7-9, 300 to case.....\$15.00

9-10, 200 to case.....20.00

Complete Line of Tulips—Single, Double and Darwin.

WRITE FOR TRADE PRICE LIST.

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"

411-413 Washington Ave.,

St. Louis, Mo.

KELWAY'S SEEDS--Flower, Vegetable and Farm

For present delivery or on contract. Wholesale only.

Special quotations for next season and
from 1917 harvest now ready.

Langport, - England.

Mention the American Florist when writing.

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
Solicited.

SWEDSBORO, N. J.

Grass Mixtures

— FOR —

Golf-Tennis-Polo

MEET ALL REQUIREMENTS FOR ALL SOILS

The Albert Dickinson Co.,
CHICAGO, ILL.

The L. D. Waller Seed Co.

Gaudalupe, California

Wholesale Growers of

**FLOWER SEEDS, SWEET
PEAS AND NASTURTIUMS**
Correspondence Solicited.

Henry Fish Seed Co.

**Bean Growers for the
Wholesale Seed Trade**

CARPINTERIA, CALIF.

Mention the American Florist when writing.

BRUNNINGS

Now contracting for Beans and Peas for 1917, 1918 stocks being exhausted.

AUSTRALIAN BROWN ONION

1915-1916 crop seed still available

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Asters, Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing.

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip,
Radish, Beet, Etc.

Branches: Michigan, WISCONSIN and IDAHO. MILFORD, CONN.

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For Indoors or Outdoors--Do it Now

NARCISSUS PAPER WHITE GRANDIFLORA

A few cases only:
13 ctm. and up
14 ctm. and up
Write for prices

DARWIN TULIPS IN QUANTITY. GRAND BEDDERS.

SPECIAL PRICES on LEADERS in
Bulbs for Present Planting

"Joss" LILIES. (CHINESE NARCISSUS)

At Chicago
PER MAT (120
BULBS) - - **\$5.50**
(At N. Y. City, \$6.00.)
Write for prices on larger lots.

HYACINTHS

	Per 1000
Hyacinths Named, 1st size, our selection.....	\$42.00
Hyacinths Named, 2nd size, our selection.....	30.00
Miniature, our selection.....	12.50
Mooy's Christmas Pink Hyacinth.....	38.00

NARCISSUS

	Per 1000
Von Sion XXX.....	\$22.00
Victoria (Bicolor), mother Bulbs.....	20.00
Select Size.....	11.00

TULIPS—Early Single Named

	Per 1000		Per 1000		Per 1000
La Reine	\$ 7.00	Rose Gris de Lin	\$ 7.50	Duchess de Parma.....	\$ 9.50
Artus.....	6.50	Keizerskroon	13.50	MURILLO (double).....	10.00
L'Immaculee.....	8.50	Yellow Prince	8.65	Fine Mixed Single.....	6.00
Cottage Maid	8.25	Couleur Cardinal	14.50		

TULIPS—Darwin and Cottage

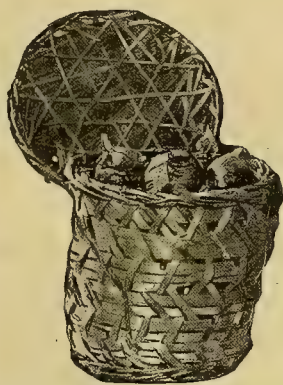
	Per 1000		Per 1000		Per 1000
Pride of Haarlem.....	\$11.50	Baron de La Tonnaye.....	10.00	EUROPE	\$15.00
GESNERIANA SPATHULATA.....	9.50	FLAMBEAU	\$11.50	SULTAN	10.00
MAD. KRELAGE.....	13.00	REV. H. EWBANK.....	14.00	MARGARET.....	9.00
Bouton d'Or.....	9.50	NAUTICUS.....	11.00	Maiden's Blush	10.00
Emerald Gem.....	24.00	Inglescomb Scarlet.....	16.00	Parisian White.....	12.00
Bizards—Mixed.....	9.00	Isabella.....	9.00		

Lilium Formosum

	Per 1000
6 to 8-inch, (350 to case) regular strain.....	\$35.00
6 to 8-inch (35) to case) true black stem variety.....	40.00

Lilium Giganteum (New Crop)

	Per 1000
6 to 8-inch (400 to case).....	\$30.00
7 to 9-inch (30 to case).....	45.00
8 to 9-inch (250 to case).....	65.00
8 to 10-inch (225 to case).....	73.50
9 to 10-inch (200 to case).....	88.00



Lilium Candidum

Just Arrived—Steamer Delayed.

Regular (20-22 ctm.).....	\$48.00
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Lilium Multiflorum

7 to 9-inch (360 to case).....	\$45.00
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NEW YORK



James Vick's Sons

Seedsman, Nurserymen, Florists

SEEDS All the leading
PLANTS kinds for summer
BULBS and fall planting.

Ask for Catalogues. ROCHESTER, N. Y.

Mention the American Florist when writing.

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

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SIMON LOUIS FRERES & CO.,

Bruyeres-le-Chatel (Seine et Oise), France.

ESTABLISHED 1666.

Wholesale Growers and Exporters of Choice Stocks of

Vegetable, Flower and Forage Seeds

Specialties—Giant Half-Sugar Mangel-Wurzel, Beet, Carrot, Celery, Dandelion,
Endive, Leek, Lettuce, Radish, Swiss-Chard, Swede and Turnip,
IMPORTERS OF—Red-top, Meadow Fescue, Blue
Grass, Sunflower, Timothy and Garden Peas. ENGLISH
CORRESPONDENCE.

Our traveling salesman, MR. LAWRENCE S. PAYN, who has been calling on the American
trade for many years past, is now in the United States and all mail should be addressed
to him care F. B. Vandegrift & Co., 15 Whitehall Street, New York.

The Early Advertisement Gets There.

Market Gardeners

Vegetable Growers' Association of America.

H. W. Selby, Philadelphia, Pa., President; H. F. Thompson, Arlington, Mass., Vice-President; S. W. Severance, Louisville, Ky., Secretary; Eugene Davis, Grand Rapids, Mich., Treasurer.

Next annual convention will be held at Springfield, Mass., in 1917.

POTATO prices, now so abnormally high, have been advanced by reason of the scarcity of cars to move them rather than on account of any shortage of the crop.

Prices of Indoor Fruits and Vegetables.

Chicago, Oct. 31.—Mushrooms, home grown, 35 to 40 cents per pound; lettuce, small cases, 4 to 7 cents; radishes, \$1.50 per 100 bunches; celery, 75 to 95 cents open crate; tomatoes, 10-lb. baskets, \$1.00 to \$1.40; cucumbers, per 2 dozen box, \$2.00 to \$2.25.

New York, Oct. 31.—Celery, per crate, \$1.00 to \$3.00; cucumbers, \$1.00 to \$1.75 per dozen; mushrooms, 75 cents to \$1.75 per 4-lb. basket; tomatoes, per package, 25 cents to \$1.25; radishes, per 100 bunches, 50 cents to \$1.00; lettuce, per package, 25 cents to \$1.50.

Potato Prices at New York.

The New York Central railroad's embargo on potato shipments to this city was raised the latter part of last week and more up-state potatoes are expected for this week. Nevertheless prices continue high and buyers are holding off, expecting "something to turn up." Long Island, 180 pounds, \$5 to \$5.75; Maine, 165-pound bags, \$5; Maine, in bulk, 180 pounds, \$5 to \$5.25; New York state in bulk, 180 pounds, \$4.75 to \$5; Jersey, 165-pound bags, \$4.25 to \$4.50; Southern sweet potatoes, per barrel, \$2.50 to \$3.

IN MAINE.

Aroostook potatoes reached record price of \$4 a barrel October 27, highest ever known. Farmers have thousands of barrels in storage, waiting for higher prices. Potato sales are for cash and bank deposits throughout Aroostook are heaviest on record.

Potato Importation Regulations.

Those who contemplate importing potatoes from foreign countries into the United States are notified by the United States department of agriculture that they should give consideration to the regulations regarding entry of potatoes from Great Britain, including England, Scotland, Ireland, and Wales; Germany; Austria Hungary; New Foundland, and the islands of St. Pierre and Miquelon, on account of the presence in those countries and islands of a serious plant disease known as potato wart or black scab. The following countries, in which this disease is not known to occur and which have complied with the regulations of the United States requiring examination and certification prior to shipment, have the privilege of exporting potatoes to this country, namely, Denmark, Belgium, Holland, Bermuda, Cuba and the Dominion of Canada.

Potatoes can be imported only under permit issued by the federal horticultural board, United States department of agriculture, Washington, D. C. Permits are issued to the importers in the United States, and not to the foreign shippers. Copies of the regulations governing the importation of potatoes into the United States and any information relating thereto may be obtained from the federal horticultural board, United States department of agriculture, Washington, D. C.

Toronto.

SUPPLY VERY LIMITED.

Owing to shortage of stock it is often impossible to fill orders, and these conditions have prevailed for months. Assters were a failure, and dahlias, which generally arrive in lots of thousands in the fall, have this year been conspicuous by their absence. While there is not a large volume of business being done, this scarcity many times gives the wrong impression when there is a general hunt for stock. Roses are the only flowers that are being cut at present in quantities and the quality of these is favorable with other seasons. American Beauty, Ophelia, Shawyer, Sunburst, Richmond and Double White Killarney are all in good shape and the new September Morn, excepting for the name, is a splendid addition. Much criticism is found among the better class of customers with the naming of the rose. Carnations are very limited in number and the quality is not as good as might be expected for the time of year; the hot, dry summer was hard on the plants, and at present the outlook for a good Christmas crop is not very propitious. Chrysanthemums are another disappointment, the earlier varieties, with few exceptions, being very poor, but the later arrivals look better and show more promise. Violets, owing to mild weather, are backward in their growth. Cattleys are plentiful and green goods abundant. The labor conditions among the florists are not as acute now, as many of the men who worked outside during the summer, have returned to the greenhouses, though the wage scale has in many cases doubled up.

NOTES.

W. Wilson, of Woodstock, a recent visitor, says his stock is in fine shape, but not nearly plentiful enough to fill orders. Chrysanthemums and carnations comprise most of the stock and violets are coming along. He is contemplating building a range for roses, but the price of glass is holding him back. He is also worried about his coal supply, which he contracted for in June, but to date none has been received and it looks as if some of the operators are going to fall down on their orders.

R. Jennings, of Brampton, has been ill, and at present his condition is serious, he having suffered from two strokes lately. Bert is looking after

the business and getting out his shipments with the usual promptness for which they have been noted.

Wm. Hamilton, of the West Floral Co., London, called in to see us and was on the hunt for stock and supplies. He has renovated the store and shipping room, and enlarged his garage ready for the fall trade.

Owing to the embargo placed on Toronto freight, much difficulty is being experienced with bulb and other shipments. Goods which left New York October 1, up to the time of writing, have not reached here.

The next meeting of the gardeners and florists is for the election of officers; all members are expected to be present and put a little more pep in the meetings.

Dunlop's are featuring autumn foliage and chrysanthemums. Their roses are in fine shape and the stock coming into the wholesale department is clean and good.

J. S. Simmons & Son, in their new location, have an attractive store, always up to date. Their windows are always attractive.

H. G. D.

Pasadena, Calif.

The Campbell Seed Co. have enjoyed a good October trade in seeds and plants. They are anticipating a very good season.

The Orchid Shop has its usual good trade. They had an artistic display of orchids at the flower show.

Eldred's Flower Store have had an exceptionally good fall trade in cut flowers and decorations for weddings, etc. They have added gold fish and pet dogs and kittens to their business, and are doing well in that line.

The "Rosebud" is a new store at 286 East Colorado, handling cut flowers and pot plants.

Henry A. Siebrecht, from New York City, will open a flower store in the hotel Maryland annex about November 1. Mr. Siebrecht is also a landscape designer and planter.

G. H. H.

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.

THE BEST AMERICAN BOOK ON THE SUBJECT
170 Pages.—Price \$1.00—29 Illustrations.

AMERICAN FLORIST COMPANY
440 S. Dearborn Street, Chicago.

ENORMOUS PROFITS

START GROWING MUSHROOMS
Learn the latest authoritative way to make still bigger profits than you ever thought possible or ever made growing mushrooms. Add \$10 to \$75 a week to your income. Florists make money using space under benches in greenhouses. Use spare time. Mushrooms command high prices, especially now. Start now. Demand bigger than supply. Send for big free book of expert authority, "The Truth About Mushrooms."

Bureau of Mushroom Industry, Dept. 312 1342 N. Clark St., Chicago

TO THE TRADE

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, Pansies, Phloxes, Primulas, Scabiosa Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

JOSEPH HEACOCK COMPANY'S PALMS AND FERNS



HOME GROWN
WELL ESTABLISHED
STRONG AND HEALTHY

CIBOTIUM SCHEIDEL.

Each

9-in. tubs, 5 ft. spread..... 5.00

JOSEPH HEACOCK CO.,

KENTIA BELMOREANA.

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8-10		\$ 1.50
3-in. pot	5	12		2.50
4-in. pot	5-6	15	.45	5.00
5-in. pot	6-7	18-20	.75	9.00
6-in. pot	6-7	22-24	1.00	12.00
6-in. pot	6-7	26-28	1.50	18.00
6-in. pot	6-7	30	2.00	24.00
7-in. cedar tub	6-7	34-36	3.00	36.00
7-in. cedar tub	6-7	38-40	4.00	48.00
9-in. cedar tub	6-7	40-42	5.00	60.00
9-in. cedar tub	6-7	42-48	6.00	

KENTIA FORSTERIANA.

	Leaves	In. high	Each	Per doz.
6-in. pot	5-6	24	1.00	12.00
6-in. pot	5-6	30-32	1.50	18.00

KENTIA FORSTERIANA, Made-Up.

	In. high	Each
7-in. cedar tub, 4 plants in tub	30-36	\$ 3.00
7-in. cedar tub, 4 plants in tub	38-40	4.00
9-in. cedar tub, 4 plants in tub	40-42	5.00
9-in. cedar tub, 4 plants in tub	42-48	6.00
	Ft. high	
9-in. cedar tub, 4 plants in tub	4-4½	7.50
12-in. cedar tub, 4 plants in tub	5	10.00
12-in. cedar tub, 4 plants in tub	6-7	18.00
12-in. cedar tub, 5 plants in tub	7-8	22.00

 Railway Station,
Jenkintown.

Wyncote, Pa.

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"Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the horticultural trade; it is also taken by over 1,000 of the best continental houses. Annual subscription, to cover postage, 75 cents.

As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalog or other evidence that they belong to the nursery or seed trade. Money orders payable at Lowdham, Notts.

Address EDITORS OF "H. A."
Chilwell Nurseries, LOWDHAM,
Notts. England

A. N. Pierson, Inc.

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CROMWELL, - CONN.

Begonia Glory of Cincinnati

Begonia Melior, Begonia Mrs. J. A. Peterson.

CYCLAMEN, our own selected strain.
ASPLENIUM NIDUS AVIS (Bird's Nest Fern).
Price list on application.

J. A. PETERSON & SONS, WESTWOOD, CINCINNATI, OHIO

GARDEN SEED

Beet, Sweet, Corn, Garden Beans, Onion Sets, and Seed Potatoes in variety. Also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK
and Orange, Conn.

Order Now BEFORE FROST

Bostons, Crotons, Palms.



BAYS

Stems	TREE SHAPE	Each.	Pair
30-in. Crowns	24-in.	\$7.00	\$13.00
45-in. "	26-in.	7.50	14.00
48-in. "	40-in.	15.00	28.00
PYRAMID—5 ft. high 24 in. diam.		8.00	15.00
6 ft. " 26 in. "		10.00	18.00

Boxwoods

	IN TUBS	Each	Pair
PYRAMIDS—	2½-ft.	\$2.00	\$3.75
	3-ft.	2.50	4.50
	24-inch	1.25	2.35
BUSH—	30 inch	2.75	5.00
	36-inch	3.75	7.00
	STANDARDS—18-20-inch stem, 12 inch ball tops.	3.00	5 50
	12-in. stem, 12-in. crown	1.25	2.25
	14-15-in. stem, 12-in. crown	1.50	2.75

Out of tubs 25c each reduction.

Vaughan's Seed Store

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NEW YORK

Robert Craig Co..

 High
Class

PALMS

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

Orchids

If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application.

LAGER & HURRELL, Summit, N. J.

The Nursery Trade

American Association of Nurserymen.

John Watson, Newark, N. Y., President;
Lloyd C. Stark, Louisiana, Mo., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Forty-second annual convention will be held at Philadelphia, Pa., June, 1917.

PAWTUCKET, R. I. — The city has appropriated \$8,500 for Slater Memorial park.

FRANKFORT, KY.—Arbor day, November 10, will be observed at the capitol grounds with appropriate ceremonies.

CENTRAL FALLS, R. I.—James Hacking has been re-elected superintendent of Moshassuck cemetery and green-houses.

NEW ORLEANS, LA.—The Rosebank Nursery will open an up-to-date retail store in the St. Charles hotel early in November.

EDMONTON, KY.—The Golden Rule Orchard & Nursery Co. has been incorporated by P. W. Bushong, J. P. Van Zant and others; capital, \$6,000.

CHRISTOPHER, WASH.—John A. Stewart, senior member of the Christopher Nursery Co., and active in the trade for more than a third of a century, died here October 19. He had been in poor health for several years.

PITTSBURGH, PA.—The Tuxedo Land Co., whose holdings comprise about 2,000 acres at Sewickley Heights, have engaged Bernard Frosch, formerly connected with the bureau of parks of this city, to take charge of the landscape features.

California Association of Nurserymen.

The sixth annual convention of the California Association of Nurserymen, preliminary announcement of which, together with the programme of interesting papers and discussions, appeared in our issue of October 28, page 794, was held in the Civic Recreation building, Santa Barbara, October 26-28, and proved to be one of the most successful meetings in the history of the organization, the attendance numbering about 1,500. The visitors were welcomed to the city by Benjamin Bakewell, president of the Chamber of Commerce, Edward J. Wickson of San Francisco responding on behalf of the association. Among the many excellent topics embodied in the programme, all of which were received with much interest, were the following: "Horticultural Laws," by Geo. H. Hecke, state horticultural commissioner, Sacramento; "Production, Prices, Salesmanship and Credits," by Geo. C. Roeding, Fresno; "Standardization of Commercial Nursery Products," by Wm. T. Kirkman, Jr., Fresno; "Freight Rates as affecting California's Nursery Interests," by Chas. W. Ward, Eureka; California Native Plants," by Theo. Payne, Los Angeles; "Proposed California Seed Law," by Geo. P. Weldon, Sacramento; "Commercial Bulb Growing in California" by Colin H. McIsaac, Santa Barbara; "New Plants of Commercial Value to the Trade," by D. W. Coolidge, Pasadena; "Plant Immigrants in our Parks and Gardens," by Prof. R. T. Stevens, Berkeley; "The City Beautiful; its Parks and Boulevards," by Ernest Branton, Los Angeles. Each paper

was in turn followed by a discussion.

At the business session Friday afternoon, the following officers were elected for the ensuing year: Leonard Coates, president; Edward H. Rust, John Valance, Max J. Crow, Chas. Howard and Geo. F. Otto, vice-presidents; Henry W. Kruckeberg, 237 Franklin street, Los Angeles, secretary-treasurer. The 1917 meeting will be held at San Jose, October 11-13.

On Saturday the visitors were entertained with auto rides to points of interest in the city and its environs, followed by the annual banquet in the evening.

Euonymus Bungeana.

Euonymus Bungeana, which has been an inhabitant of the arboretum for 30 years, deserves more general cultivation than it has yet received in this country. It is a tree or tree-like shrub with slender, rather pendulous branches and narrow, pointed, yellow-green leaves, which are now turning yellow or yellow and red. The great beauty of this plant is in the rose-colored fruit which is produced in large clusters near the ends of the branches on which it remains for several weeks after the leaves have fallen. This is one of the handsomest of the Asiatic species in the late autumn and a plant which should be better known.—Arnold Arboretum Bulletin, October 19, 1916.

British Military Service Act.

At Preston Tribunal on Tuesday, Colonel Jolly, the military representative, read the following telegram received from the War Office:

"Cancel all calling-up papers issued to men employed in agriculture, dairy farming, market gardening, and small holdings. No men so employed are to be called up pending further instructions."—British Nurseryman and Seedsman, October 7.

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Japanese Garden and Rockery

For Hot House, Conservatory and Show Window made in short time. Wide experience

T. R. OTSUKA,
Landscape Architect
300 S. Michigan Ave., Chicago

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ROSES

Pot grown 2¼ and 4-in.

Field grown to pot 5 to 6-in.

THE LEEDLE FLORAL COMPANY.
SPRINGFIELD-OHIO.

Hill's Evergreens

BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.
Evergreen Specialists Largest Growers in America
Box 404, DUNDEE, ILL.

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Price \$3.00 Postpaid.

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NORWAY SPRUCE FOR MINIATURE CHRISTMAS TREES

SELECTED SHAPELY PLANTS.

2-3 ft., \$15 per 100 18-24 in., \$12 per 100 12-18 in., \$10 per 100

These are a very attractive florists' specialty and sell rapidly. Many of our customers have handled them in large quantities every year and with splendid success. Will pot up nicely in 6-in. and 7-in. pots. Order now. Can be shipped at once or later on up to December 1st.

JACKSON & PERKINS COMPANY, NEWARK, NEW YORK

CALIFORNIA PRIVET

Over Two Million Plants of SUPERIOR Quality.

All sizes from one foot to four feet. Very low prices in car-load lots.

Also Polish Privet, Amoor Privet and Berberis Thunbergii in quantity.

J. T. LOVETT, LITTLE SILVER,
NEW JERSEY

Some Fine Stock.

	Per 100	Per 1000
2½-in. Asparagus Plumosus.....	\$ 3.00	\$ 25.00
2½-in. Asparagus Sprengerii.....	3.00	25.00
2½-in. Asparagus Hatcheri.....	3.00	25.00
4-in. Asparagus Plumosus.....	7.00	65.00
4-in. Asparagus Sprengerii.....	7.00	65.00
2½-in. Begonias, 8 varieties.....	6.00	55.00
2½-in. Chinese Primroses, 20 kinds	3.00	28.00
3-in. Cyclamen, 8 separate vars....	8.00	75.00
4-in. Cyclamen, 8 separate vars....	20.00	175.00
2½-in. Snapdragons, white, pink and yellow	4.00	35.00
5,000 ferns in 5 varieties, fine stock, \$15, \$20 and \$25 per 100		
100,000 2 and 2½-in. Pot geraniums in 28 varieties.....	2.25	20.00
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In Best Varieties For Fern Dishes.

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The New Red Carnation With an Unbeatable Record Behind It.

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This is purely a commercial carnation—very bright clear red, large flower, non-splitable calyx, long stem and just as free blooming as Enchantress of which it is a seedling.

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Manheim, Pa.

At Manheim, an hour's trolley ride from Lancaster, there are three firms of Hostetters, all related. M. H. Hostetter, whose range comprises about 50,000 feet of glass, specializes in carnations and sweet peas. Mignonette and snapdragons are also quite a feature of his stock. Paper White narcissi are forced by the hundred thousand. Yellow daisies are grown between chrysanthemums, with sweet peas to follow the chrysanthemums. It takes maneuvering to do it, but Mr. Hostetter says it works out all right.

P. S. Hostetter's specialty is callas. These are grown in ground beds; the quantity may be inferred from shipments of 4,000 flowers a week when at their height. All the stock planted here has been grown on from one large plant or corm, which is still growing and guarded with great care. Two beds, about 200 feet in length, are filled with thousands of small corms coming along, all of which had been taken from the large bulbs when lifted last summer. Large quantities of the bulbs are sold to the trade in a dry state. Sweet peas are planted along the edges of all the calla beds, they furnishing a good crop and seeming not to interfere with the callas.

E. P. Hostetter has a number of mammoth houses, each 42x400 feet, in which he grows carnations, chrysanthemums and sweet peas. The latter appear to be almost everywhere. Some were just beginning to bud, but the majority were about 12 inches in height. Some especially fine Golden Glow chrysanthemums were seen; many other varieties, early and late, looked very well. A feature was several long beds of Primula Forbesii for cutting. This was claimed to be a good crop; a new white that originated here looks like a good thing. Several houses of yellow daisies, great plants four to five feet high, two and three years old, growing in the ground, were covered with buds and flowers. They looked like very good stock. All cut flowers are shipped to Pittsburgh. An arched wire carnation support was simplicity itself and appeared very efficient. A six-foot length of stout galvanized wire was doubled into a long U shape, about three inches across. The ends are stuck into the ground

Seasonable Stock

ASPARAGUS PLUMOSUS, 2½ in., \$3.00 per 100; 3 in., \$6.00 per 100.

ASPARAGUS SPRENGERI, 2½ in., \$3.00 per 100; 3 in., \$5.00 per 100; 4 in. at \$10.00 per 100.

FERN DISH FERNS, 2½ in. The best sorts, \$3.00 per 100.

FRENCH HYDRANGEAS, heavy, well-grown field plants with 12 to 18 shoots, ready for 7 to 8 in. pots. Pronounced grand by all visiting florists. Bouquet Rose, Vicomtesse de Vibraye, Lily Mouliere, Radiant, \$7.00 per dozen—\$50.00 per 100.

KENTIA PALMS, 4 inch pots, 15 to 18 inches high, 5 leaves, \$40.00 per 100; 5 inch pots, 18 to 24 in., 5 to 6 leaves, \$1.00 each.

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FUNKIA NUDULATA VARIEGATA—A good seller from pots in early spring. Ready for 4 inch pots, \$6.00 per 100.

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Soft Wooded Plants

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2-in., \$2.00 per 100; \$18.00 per 1,000.

Per 1000
Vinca Variegata, 2 in., \$2.00 per 100....\$20.00
S. A. Nutt, 2-in..... 16.00
Rex Begonias, 3-in.....per dozen 1.00
Satisfaction guaranteed.

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Wholesale Grower

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CARNATIONS

F. DORNER & SONS CO.,

Lafayette, - - Indiana

crossways along a row of the plants and strings stretched from wire to wire to keep the branches in line or together.
K.

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Pyramids, 2 -ft.....\$1.00 each
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Pyramids, 3½-ft..... 2.50 each
Standard Shape, 14x14 in.... 2.50 each
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10 CENTS PER LINE, NET.



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Asparagus Plumosus, 2½-in., \$3 per 100; 3-in., \$6 per 100. Sprenger, 2½-in., \$3 per 100; 3-in., \$5 per 100; 4-in., \$10 per 100. The Storrs & Harrison Co., Painesville, O.

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Asparagus plumosus, Sprenger and Hatcher, 2½-in., \$3 per 100; \$25 per 1,000. Alonzo J. Bryan, Washington, N. J.

ASPARAGUS SPRENGERI, 3-in., \$4 per 100. Cash, J. W. Miller, Shiremanstown, Pa.

Asparagus plumosus, fine stock, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

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Azaleas for Christmas. Mme. Petrick, Veraneana, Petrick Superba, \$1, \$1.25, \$1.50, \$2.00, \$2.50, \$3.00, \$4.00, \$5.00, \$7.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Azaleas. W. & T. Smith Co., Geneva, N. Y.

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Bay Trees. For sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

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Begonias. Luminosa, 5-in., 20c each; Chate-laine, 2½-in., \$3.50 per 100; 3-in., \$8 per 100; 4-in., \$15 per 100. Cincinnati, 5-in., 75c each; 6-in., \$1 to \$1.25 each; 7-in., \$1.50 to \$2 each. Lorraine, 4-in., 30c each. Melior, 5-in., 75c each; 6-in., \$1 to \$1.25 each; 7-in., \$1.25 to \$2 each. Mrs. J. A. Peterson, 4-in., 50c each. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS—Immediate Delivery.

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Mrs. J. A. Peterson (new), 2½-in. pots, \$25.00
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BOXWOODS.

PYRAMIDS. Broad, heavy specimens, 2 ft., \$1.90 each; 2½ ft., \$2.00 each; 3 ft., \$2.50 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee, Ill. Write for prices on larger sizes.

RUSH SHAPE. 10-12-in., balled, 30c each; 18-in., balled, 60c each; 30-in., balled, \$1.75 each.

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BOXWOOD.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

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Boxwoods, bush, 15-in., 50c each; 18-in., 60c each. Poehlmann Bros. Co., Morton Grove, Ill.

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SINGLE HYACINTHS.

Forcing Grade.

	Per 100	Per 1,000
Robt. Steiger, red; Grand Maitre.		
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	Per 100	Per 1,000
Belle Alliance, scarlet.....	\$1.10	\$10.00
Cardinal's Hat, red.....	.85	7.00
Coulewe Cardinal, crimson.....	1.60	14.50
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Mon Tresor, yellow.....	1.40	12.00
Orange King.....	2.00	18.00
Pink Beauty, rose.....	2.00	18.00
Prince of Austria, orange.....	1.25	11.00
Princess Marie Ann, white striped		
red.....	.90	8.00
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white.....	.85	7.00
White Hawk.....	1.50	13.00
Rose Luisante, rose pink.....	1.50	13.50
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	Per 100	Per 1,000
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Salvator Rose, deep rose.....	1.25	10.50
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	Per 100	Per 1,000
Emperor, double nose.....	\$1.90	\$17.50
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Golden Spur, double nose.....	2.10	19.00
Princens, double nose.....	1.25	10.00
Victoria, single nose.....	1.45	12.50
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Alba Plena Odorata.....	.95	7.00

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	Per 100	Per 1,000
British Queen, Belle Chinoise, For-		
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	Per 100	Per 1,000
Blushing Bride.....	\$0.75	\$6.00
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Bulbs for present sowing. Hyacinths, Narcissus, Crocus, Giganteum lilies. For varieties and prices see advertisement elsewhere in this issue. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

Bulbs. Lilium Harrisii, 5 to 7-in., \$4.50 per 100, \$36 per 1,000; 7 to 9-in., \$8 per 100, \$72 per 1,000. Paper White Narcissus Grandiflorus, prices on application. J. M. Thorburn & Co., 53 Barclay St., New York City.

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Bulbs. Just received last carload of choicest hyacinths, tulips, narcissi, etc. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

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Carnations, rooted cuttings, Rosalia, Old Gold, Merry Christmas, Doris, Cottage Maid and Crystal White. Delivery January 1917 and later. \$12 per 100, \$100 per 1,000, 250 at 1,000 rate. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

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Carnation Aviator. Field plants, good strong healthy stock, \$12 per 100; \$100 per 1,000. Delivery now. J. D. Thompson Carnation Co., Joliet, Ill.

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Singles: Mrs. Buckingham, Mensa, Golden Mensa, Ladysmith, White Anemone.

Price \$1.00 per doz. Cash please.
W. H. CULP & CO., Wichita, Kans.

CHRYSANTHEMUM STOCK PLANTS.

Fine large plants full of cuttings. Price, \$15.00 per 100, \$3.00 per dozen. We dig all our plants from soil. They are not pulled up.

Varities—in white, Early Frost, Crystal Gem, Oconto, White Chieftain, October Frost. In yellow—Golden Queen, Marigold, Yellow October Frost. In pink—McNiece.

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Chrysanthemum (Dinda), the best early lavender-pink in the market. Blooms have been selling for \$6.00 per dozen since middle of September. Stock plants 75c each; \$7.50 per dozen. GUTTMAN & RAYNOR, Inc., Wholesale Florists, 101 W. 28th St., New York, or Frank Dinda, Farmingdale, L. I., N. Y.

CHRYSANTHEMUMS. Good commercial varieties, 2½-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

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Clematis. W. & T. Smith Co., Geneva, N. Y.

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COLEUS "Defiance." It defies any other coleus for commercial purposes.
C. Winterich, Cyclamen Specialist, Defiance, O.

Coleus, Emperor William, 5-in., 25c to 35c each. Poehlmann Bros. Co., Morton Grove, Ill.

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Crotons, 4-in., 40c each. Poehlmann Bros. Co., Morton Grove, Ill.

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CYCLAMEN, improved Wandsbek type, 4-in., 15c to 20c; 5-in., 35c to 50c; 6-in., 60c to 75c. All in bud and in excellent condition. Cyclamen seedlings, Wandsbek type, 8 varieties, equally divided, \$30.00 per 1,000, \$4.00 per 100. Rocco erecta, new pink, mixed, \$5.00 per 100. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN, fine 4-in. stock, giant quality, \$15.00, \$20.00 and \$25.00 per 100.
C. Winterich, Cyclamen Specialist, Defiance, O.

Cyclamen, for November and December delivery, 4-in., \$4.20 per doz.; 5-in., \$6 per doz.; 6-in., \$9 per doz.; 7-in., \$12, \$15 and \$18 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

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Dahlias. Best new and standard varieties. Peacock Dahlia Farms, Williamstown Junction, N. J.

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BEST FLOWERING DAISIES. Chicago White, special strain, 2½-in., \$5.00 per 100; Etoile D'Or (yellow), 2½-in., \$5.00 per 100. Cash, please. A. E. HUNT & CO., 30 E. Randolph St., Chicago.

DAISIES (bellis). Monstrosa, white and pink, also Longfellow and Snowball; strong, field-grown seedlings, \$2.00 per 1,000. Cash. Brill Celery Gardens, Kalamazoo, Mich.

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Deutzia Gracilis, pot grown, very bushy plants, now ready. Splendid forcing stock. 6-in., \$2.60 per doz., \$18 per 100; 8-in., \$3.50 per doz., \$25 per 100. Vaughan's Seed Store, Chicago and New York.

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DRACAENA INDIVISA, 5-in., \$35.00 per 100; 4-in., \$15.00 per 100; 3-in., \$8.00 per 100. ERNEST ROBER, Wilmette, Ill.

DRACAENA INDIVISA, 5-in., 35c. Harry Heint, West Toledo, O.

Dracaena Indivisa, 2-in., \$2 per 100, \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

FERNS.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias, H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

BOSTON FERNS. Fine heavy plants from 4-in. pots, \$1.50 per doz., \$12.00 per 100; 5-in., extra fine, \$2.25 per doz., \$18.00 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

TABLE FERNS, best varieties, fine stock, 2-in., \$3 per 100, \$25 per 1,000; 3-in., \$5 per 100, \$40 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Fine Nephrolepis ferns. For varieties and prices see advertisement elsewhere in this issue. F. R. Pierson Co., Tarrytown, N. Y.

Ferns, table, 2½-in., \$3 each; 3-in., \$6 each; holly, 5-in., 25c each. Poehlmann Bros. Co., Morton Grove, Ill.

Fern dish ferns, 2½-in., best sorts, \$3 per 100. The Storrs & Harrison Co., Painesville, O.

GERANIUMS.

GERANIUMS, Extra strong, 2-in., S. A. Nutt, Ruby (best dark red), Dagata, Ricard, Red Wing, Viaud, Landry, La Favorite, Perkins, Oberle and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wyllie, Aviator, Rogers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. F. H. DE WITT & CO., Wooster, O.

Geraniums. Alph. Ricard, Beauty Poitevine, Jean Viaud, Edmond Blanc and Scarlet Bedder, 2-in., \$2 per 100, \$20 per 1,000; 3-in., \$3 per 100, \$30 per 1,000. S. A. Nutt, Gen. Grant, Mad. Buchner, Mad. Recamier, Jean Oberlee, Abbie Schaffer, E. G. Trego, etc., 2-in., \$2 per 100, \$18.50 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, 2-in. pots, the following varieties in first class condition: Poitevine, Ricard, S. A. Nutt, E. G. Hill, Maryland, Perkins, Buchner, Alliance and Thibaut, \$22.50 per 1,000, for all orders booked before Nov. 10th. S. S. Pennock-Meehan Co., 1612 Ludlow St., Philadelphia.

GERANIUM CUTTINGS: Nutt, double Grant, Perkins, Castellaine, Viaud and Jaulin, \$14.00 per 1,000; Poitevine, \$16.00 per 1,000. HARRY T. MEAD, 1230 Hanover St., Manchester, N. H.

Geraniums, 100,000 in 2 and 2½-in. pots, in 28 varieties, \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, S. A. Nutt and Buchner, \$13.50 per 1,000; Ricard and Poitevine, \$16 per 1,000. Albert M. Herr, Lancaster, Pa.

GREENS.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. Caldwell, The Woodsman Co., Evergreen, Ala.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

Southern wild smilax, \$2.00 per case here. WINTERGREEN GARDENS, Ala.

HYDRANGEAS.

Hydrangeas, French. Heavy, well-grown field plants, 12 to 18 shoots, ready for 7 to 8 in. pots, \$7 per doz.; \$50 per 100. The Storrs & Harrison Co., Painesville, O.

HYDRANGEA OTAKSA, 3-in., \$5 per 100. Flowering sizes pot-grown, 25c to 50c each. HENRY SMITH, Grand Rapids, Mich.

Hydrangeas, 4-in., \$20, 5-in., \$30, 6-in., \$40 per 100. S. S. Pennock-Meehan Co., 1612 Ludlow St., Philadelphia, Pa.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LANTANAS.

LANTANAS, mixed, 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

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From Storage.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch plips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the valley. Finest in existence. For quotations address Otto Mann, Leipzig, Saxony, Germany.

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Write for wholesale price list of ornamental nursery stock. MAYWOOD NURSERY CO., Maywood, Ill.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.**PALMS.****KENTIA FORSTERIANA SINGLE PLANTS.**

Leaves	Each
6 inch pots 5-6 28 inches high...	\$1.25
6 inch pots 6-7 32-34 inches high...	1.50
6 inch pots 6-7 34-36 inches high...	2.00
8 inch tubs 6-7 40-42 inches high...	3.50
8 inch tubs 6-7 42-46 inches high...	4.00
8 inch tubs 6-7 50 inches high...	5.00
9 inch tubs 6-7 52-56 inches high...	7.00
10 inch tubs 6-7 60 inches high...	8.00
10 inch tubs 6-7 60-65 inches high...	12.00
15 inch tubs 6-7 8 feet high...	40.00
15 inch tubs 6-7 9-10 feet high...	50.00

KENTIA BELMOREANA SINGLE PLANTS.

Leaves	Each
2½ inch pots 4 16-18 45c each	\$1.50 per doz., \$12 per 100
4 inch pots 5-6 24 each	Per Doz. \$5.00
6 inch pots 5-6 24 each	1.25
6 inch pots 5-6 28 each	1.50
8 inch tubs 5-6 42 each	5.00

Specimen plants, 15 inch tubs, \$75.00 each.

KENTIA FORSTERIANA MADE UP PLANTS.

Plants	Each
6 inch pots 3 26-28 inches high...	\$2.00
7 inch tubs 3 30-32 inches high...	2.50
8 inch tubs 3 38 inches high...	4.00
8 inch tubs 4 48-50 inches high...	5.00
9 inch tubs 4 52 inches high...	6.00
10 inch tubs 4 54 inches high...	8.00
12 inch tubs 4 60-64 inches high...	12.00
12 inch tubs 4 66 inches high...	15.00
15 inch tubs 4 6-6½ ft. high, heavy...	25.00
15 inch tubs 4 75-80 inches high...	30.00

ARECA LUTESCENS.

Plants	Each
6 inch pots 4 bushy, 24-26 inches high...	\$1.25

ASPIDISTRAS.

5 inch pots 10-12 leaves green	\$1.00
6 inch pots 16-20 leaves green	1.50
5 inch pots 10-12 leaves var.	1.50

POEHLMANN BROS. CO., Illinois.
Morton Grove,

LATANIA BARBONICA PALMS, 15-in. tubs, suitable for decorative work, \$5 each. Pandanus Veitchii, 15-in. tubs, \$5 each. HENRY SMITH, Grand Rapids, Mich.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th Sts., Philadelphia, Pa.

Kentia Palms, 4-in., \$40 per 100; 5-in., \$1 each. The Storrs & Harrison Co., Painesville, O.

Palms. Joseph Heacock Co., Wyncote, Pa.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. HENRY SMITH, Grand Rapids, Mich.

Pandanus Veitchii, 4-in., 35c each; 6-in., 75c to \$1 each; 7-in., \$1.25 each; 9-in., \$2.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

PANSIES.

Giant Flowering Pansy seedlings, heavily rooted, 35c per 100; \$2.50 per 1,000. Steele's Private Stock Pansy seedlings, exhibition strain, 50c per 100, \$4.50 per 1,000. Prepared to ship immediately short distances; advise shipping long distances only after October 10, to allow frost to harden. Cash. JOS. H. CUNNINGHAM, Delaware, Ohio.

THE BEST GIANT PANSIES.

Our pansies are the best the world produces. They combine the choicest large flowering sorts of both European and American growers. It has been our aim to make this the finest strain of this favorite flower in existence. Raised at an altitude of 5,721 ft. above sea level gives them lots of fibrous roots. They start quickly. They are not soft.

Send your order in at once with the cash for field-grown plants, \$3.50 per 1,000.

GLOBE GREENHOUSES, 2nd Ave., Munroe and Garfield Sts., Denver, Col.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

PEPPERS.

Peppers, Bird's-Eye, bushy plants, 4-in., \$12.00 per 100; \$100.00 per 1,000.
Peppers, Celestial, 4-in., \$12.00 per 100; \$100.00 per 1,000.
Jerusalem Cherry, 4-in., \$12.00 per 100; \$100.00 per 1,000.
PYFER & OLSEM, Wilmette, Ill.

PRIMROSES.

PRIMROSES, Obconica, Chinensis and Malacoides, 2-in. pots at \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

POINSETTIAS.

Poinsettias, 6-in., 50c each; 7-in., 75c each; 8-in., \$1 to \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

PRIMULAS.

PRIMULA MALACOIDES.
Extra fine stock. 100 1,000
2-inch \$3.00 \$27.50
2½-inch 4.00 35.00
3-inch 6.00 50.00
PYFER & OLSEM, Wilmette, Ill.

PRIMULA OBCONICA. Gigantea in splendid colors, (no white). 4-in., ready for 5-in., fine for Christmas, \$6.50 per 100. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

PRIMULA OBCONICA. Ronsdorf strain, fine mixed, 3-in., \$6.00 per 100; Malacoides, 3-in., \$6.00 per 100; 4-in., \$10.00 per 100. ERNEST ROBER, Wilmette, Ill.

Primula Obconica, 4-in., \$15.00 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

PRIVET.

California Privet, of superior quality, in all sizes from one to four feet. J. T. Lovett, Little Silver, N. J.

PTERIS.

Pteris Wimsetti, 4-in., serrulata, 4-in., cretica albo-lineata, 4-in., \$1.00 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

ROSES.

ROSES.
2,000 White Killarney, 2½-in., grafted, good, big plants \$3.00
2,000 Richmond, 2½-in., grafted, good, big plants 8.00
1,000 Cecile Brunner, 3-in., own root; choice stock 4.00
500 American Beauty, 3-inch 8.00
BASSETT & WASHBURN, Chicago.
178 N. Wabash Ave., Chicago.

ROSE PLANTS, Pink and White Killarney, 3-in. pots, own roots, \$6 per 100; \$50 per 1,000. My Maryland, 3-in., at \$8 per 100, \$75 per 1,000. All first-class stock. HENRY SMITH, Grand Rapids, Mich.

ROSES.

ROSES. 300 good, healthy Killarneys, grafted from 4-in. pots, 10c each, to close out. Cash or satisfactory reference. Can use a few Rose Pink Enchantress. W. W. COLES, Kokomo, Ind.

Roses, Pot-grown, 2½ and 4-in. Field grown, to pot, 5 to 6-in. The Leedle Floral Co., Springfield, O.

Roses, cannas and shrubbery. The Conard & Jones Co., West Grove, Pa.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

SPECIAL OFFER.

500 seeds free by mail for your name and address and 15c in stamps. 100 Asparagus Sprengeri; 100 Ampelopsis Veitchii; 100 Pepper tree; 100 Chamaerops excelsa; 100 Dracaena australis. GEORGE LEAVER, P. O. Box 1049, Los Angeles, Calif.

SEEDS.

Seeds, Kentia. New crop, just arrived, Kentia Belmoreana and Forsteriana, Cocos Weddelana. Write for import prices, stating quantity desired. McHutchison & Co., 95 Chambers St., New York.

Seeds, Asparagus Plumosus Nannus, greenhouse grown, 1,000, \$3.50; 10,000, \$32.50. California grown, 1,000, \$2.50; 10,000, \$22.50. Arthur T. Boddington Co., Inc., 128 Chambers St., New York.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, contract growers of cucumber, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, contract growers of pepper; egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash, Western Seed and Irrigation Co., Fremont, Neb.

Seeds, Bean, cucumbers, muskmelon, watermelon, squash and sweet corn. Michigan-grown radish our specialty. S. M. Isbell & Co., Jackson, Mich.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed, Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, specialties: Lettuce, onion, sweet pea, aster, cosmos, mignonette, verbena in variety. Waldo Rohnert, Gilroy, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsley, parsnips, turnips. R. & M. Godineau, Angers, France.

Seeds, large growers and shipper of beans, peas and onion seed. Brunings, Box 857, Melbourne, Australia.

Seeds, Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, Petunias. Our celebrated strains will be ready in November. Prices and list on application. F. E. Shepherd Co., Ventura, Calif.

Seeds, Flower and garden seeds. Sweet Pea and Nasturtium a specialty. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds, Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds, Vegetable, flower and forage. Simon Louis Freres & Co., Bruyeres-le-Chatel (Seine et Oise), France.

Seed, Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

Seed, High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds, Flower, sweet pea and nasturtiums. The L. D. Waller Seed Co., Guadalupe, Calif.

Seeds, All the leading kinds for summer and fall planting. James Vick's Sons, Rochester, N. Y.

Seed, Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seeds, flower, vegetable and farm. Wholesale only. Kelway's, Langport, England.

Seeds, Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seed, For the wholesale trade only. Branlan Seed Growers' Company, San Jose, Calif.

Seeds, Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seeds which succeed. Get quotations from Landreth, Bristol, Pa.

STRAWBERRY PLANTS.

Progressive and Superb, \$5.00 per 1,000. Other varieties as low as \$1.50 per 1,000. Catalog free. L. G. Tingle, Box 170, Pittsville, Md.

SNAPDRAGONS.

SNAPDRAGONS, the color of Ophelia rose, beautiful pink yellow, took first prize at the 1915 Cleveland show, topped and branched, 2-in., \$3.00 per 100; \$27.50 per 1,000. C. Winterlich, Cyclamen Specialist, Defiance, O.

SWAINSONA.

SWAINSONA, 4-in. pots, fine plants, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

TULIPS.

Darwin tulips. For varieties and prices see advertisement on front cover of this issue. A. Henderson & Co., 211 N. State St., Chicago.

VINCAS.

Vinca variegata, 2-in., \$2 per 100; \$20 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

VIOLETS.

VIOLETS, Gov. Herrick. The best of all. Fine field clumps, \$5.00 per 100; \$45.00 per 1,000. C. Winterlich, Cyclamen Specialist, Defiance, O.

MISCELLANEOUS.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Choice landscape, decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., box 404, Dundee, Ill.

Japanese tea garden and rockery for your greenhouse and conservatory. Made in a short time. T. R. Otsuka, 300 S. Michigan Ave., Chicago.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Av., Detroit, Mich.

Boiler flues, cleaned and trimmed. Stuttle's clamps and elbows to join flues. H. Munson, 1333 N. Clark St., Chicago.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Japanese miniature gardens, fern dishes, vases, flower pots, jardinières, etc. Nippon Garden, Inc., 259 Fifth Ave., New York.

Daylite glass cleaner, quick and powerful. Will not injure paint or putty; leaves no greasy surface. Andersen Specialty Co., 6 E. Lake St., Chicago.

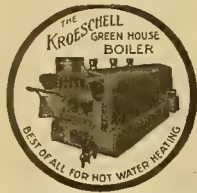
"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Norway Spruce for miniature Christmas trees. 2-3 ft., \$15 per 100; 18-24 in., \$12 per 100; 12-18 in., \$10 per 100. Can be shipped at once or later on, up to December 1st. Jackson & Perkins Co., Newark, New York.

Use the scientific constructed Hansell rocker grate. It will mean money in your pocket. Hansell Grate Co., 654 Railway Exchange Bldg., Chicago.

Prepared cycas leaves. Best quality, perfect color, very pliable. 100 assorted sizes up to 36 inches long, \$4.80. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

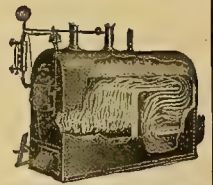


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KROESCHELL BOILERS

SEND FOR CATALOG

Kroeschell Bros. Co., 452 W. Erie St., Chicago



MISCELLANEOUS.

Best stock catalogues for nurserymen. Sample free. Order early. Gillies Litho. & Printing Co., Rochester, N. Y.

Vaughan's perfection points. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Nursery stock of all descriptions. Catalogues and price lists free on application. The Storrs & Harrison Co., Painesville, O.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Catalogues. Large runs our specialty. Write for prices. Regan Printing House, 503 Plymouth Place, Chicago.

Baskets of every description. Write for catalogue. Raedlein Basket Co., 713 Milwaukee Ave., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 1302-1308 West Division street, Chicago.

Refrigerators. Write for catalogue. Buch-binder Bros., 518 Milwaukee Ave., Chicago.

Boilers of high grade for greenhouses. Write for catalogues. Giblin & Co., Utica, N. Y.

Wizard brand manures. The Pulverized Ma-nure Co., 32 Union Stock Yards, Chicago.

Blooming plants or anything in soft wooded plants. Geo. A. Kuhl, Pekin, Ill.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffa, natural and colored. McHutchison & Co., 95 Chambers, New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Hail storm insurance. John G. Esler, Sad-dle River, N. J.

Glass, large stock and good prices. Sharp, Partridge & Co., Chicago.

Wired toothpicks, 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Greenhouse boilers. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Everything the best in florists' supplies. H. Bayersdorfer & Co., 1127 Arch St., Philadelphia.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

GREENHOUSE INSURANCE.

Cyclone and hail insurance; also insurance on growing crops while in the fields. The American Mutual Cyclone and Hail Insurance Co., Muncie, Ind.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manu-facture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 908 Blackhawk St., Chicago.

Greenhouse lumber, hotbed sash, pecky cy-press, square red cedar posts. Lockland Lum-ber Co., Lockland, O.

Greenhouse construction. Write us for an estimate and sketch on your proposed green-house. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse construction. We furnish every-thing for the greenhouse. Garland Manufac-turing Co., Des Plaines, Ill.

Pecky Cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Greenhouse construction. Estimates on re-quest. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction and equipment. King Construction Co., North Tonawanda, N. Y.

INSECTICIDES.

Nicotine. The Grassell Chemical Co., Cleve-land, Pittsburgh, St. Louis, New York, Cin-cinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nikoteen, excellent for spraying. Aphs Punk for fumigating. Nicotine Mfg. Co., St. Louis.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by ex-press. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset flower, vegetable waterproof paper pots. Vaughan's Seed Store, Chicago and New York.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kohr, 2934-36 N. Leavitt St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

Red pots. Geo. Keller & Sons, 2614-22 Hern-don St., Chicago.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c for 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE. 264 Randolph St., Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Spring-field, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

STAKES.

Cane Stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000. Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

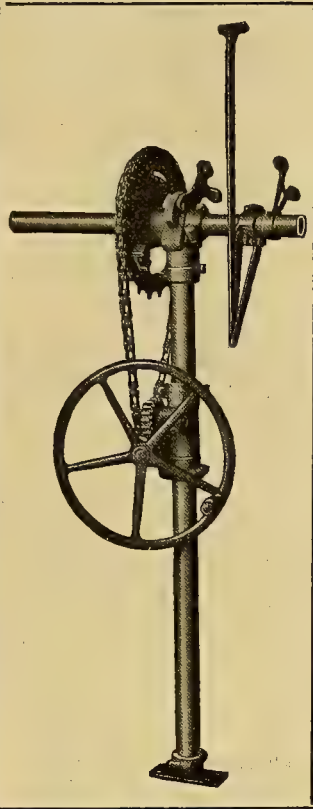
WIRE WORK.

Florists' wire designs and fancy wire lamp shades. NORTHWESTERN WIRE WORKS, 228 13th Ave., N. E., Minneapolis, Minn.

WHOLESALE CUT FLOWERS.

Amling Co., E. C., Chicago.
Angermueller, Geo. H., St. Louis, Mo.
Badgley & Bishop, Inc., New York.
Bassett & Washburn, Chicago.
Berger Bros., Philadelphia, Pa.
Berhing, H. G., St. Louis, Mo.
Budlong, J. A., Chicago.
Chicago Flower Growers' Ass'n., Chicago.
Coan, J. J., New York.
Coyle, James, New York.
Crawbuck Co., George W., New York.
Erne & Klingel, Chicago.
Ford, M. C., New York.
Ford, William P., New York.
Froment, H. E., New York.
Goldstein & Futterman, N. Y.
Gunterberg, M. C., Chicago.
Guttman & Raynor, Inc., New York.
Hart, George B., Rochester, N. Y.
Hentz & Nash, Inc., New York.
Hoerber Bros., Chicago.
Holton & Hunkel Co., Milwaukee, Wis.
House of Ferns, New York.
Kasting Co., Wm. F., Buffalo, N. Y.
Kennicott Bros. Co., Chicago.
Kervan Co., The, New York.
Kessler, Wm. A., New York.
Kruchten, John, Chicago.
Kuehn, C. A., St. Louis, Mo.
Kuhl, Geo. A., Pekin, Ill.
Kusik & Co., H., Kansas City, Mo.
Kyle & Foerster, Chicago.
McCallum Co., Pittsburgh, Pa.
Meconi, Paul, New York.
Miller & Musser, Chicago.
Montreal Floral Exchange, Ltd., Montreal, P. Q.
Miller, Stuart, Philadelphia, Pa.
N. Y. Cut Flower Exchange, New York.
Niessen Co., The Leo, Philadelphia, Pa.
Percy Jones, Inc., Chicago.
Philadelphia Wholesale Florists' Exchange.
Pierson, A. N., Cromwell, Conn.
Pittsburgh Cut Flower Co., Pittsburgh, Pa.
Poehlmann Bros. Co., Chicago.
Pollworth Co., C. C., Milwaukee, Wis.
Polykranas, Geo. J., New York.
Pyfer & Co., A. T., Chicago.
Randall Co., A. L., Chicago.
Reid, Edward, Philadelphia, Pa.
Reinberg, Geo., Chicago.
Reinberg, Peter, Chicago.
Rice Bros., Minneapolis, Minn.
Riedel & Meyer, Inc., New York.
Rusch & Co., Gust, Milwaukee, Wis.
Sheridan, W. F., New York.
Siebrecht, Geo. C., New York.
Thompson Carnation Co., J. D., Joliet, Ill.
Tonner, O. A. & L. A., Chicago.
Totty, Chas. H., Madison, N. J.
Traendly & Schenck, New York.
United Cut Flower Co., New York.
Vaughan, A. L., & Co., Chicago.
Weiland & Risch, Chicago.
Weiss, Herman, New York.
Welch Bros Co., Boston, Mass.
Welch, Patrick, Boston, Mass.
Wieter Bros., Chicago.
Wittbold, Geo., Co., Chicago.
Young & Co., John, New York.
Zech & Mann, Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.



Selecting Correct Sash Operating Device and Greenhouse Fittings

Is just like calling a doctor. You call a doctor in case of sickness, and not a musician, because a doctor makes his work a specialty. For this reason you should use

ADVANCE EQUIPMENT

in your house throughout, for our middle name is specialty in this line. If it were possible to make our material better, we are the concern who would do it. It is time to investigate and see if you do not need a special doctor in this line. Our catalog, with full illustrations and descriptions, will explain all. Free from

ADVANCE CO., Richmond, Ind.



Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.

Mention the American Florist when writing.

Rochester, N. Y.

EXCELLENT FALL TRADE OPENS.

Business has shown considerable improvement during the past week and the fall trade is now in full swing. Chrysanthemums are the leaders in popularity and are fast gaining in perfection in form and size of flowers. Next in favor are roses of all kinds, which are also excellent. Carnations also are fine and pompons are arriving in large numbers and meet with a strong demand. Violets are unusually good, but are not very popular. Lily of the valley is excellent as are orchids.

NOTES.

The handy vest-pocket judging scales which are being distributed by THE AMERICAN FLORIST are proving invaluable to those who are planning to compete at the various exhibitions.

J. B. Keller Sons had a splendid display of immense vases of yellow

King Greenhouses

Keep Summer With You The Whole Year Round.

On account of their sturdy special construction which permits of great strength without the need of heavy shadow casting supports, these houses are so warm and sunny that they are filled with a riot of bloom and fruit when Jack Frost has stripped the garden of its beauty.

The ventilating and heating systems are the results of years of experience in building for professional growers. Things just have to grow in a King. Write today for Bulletin No. 43. See how beautiful and productive a greenhouse can be erected for the price you want to pay.

KING CONSTRUCTION COMPANY

KING'S ROAD

NORTH TONAWANDA, N. Y.

ALL THE SUNLIGHT ALL DAY HOUSES.



Mention the American Florist when writing.

chrysanthemums, baskets of pompons, together with orchids, violets and bowls of pansies.

H. E. Wilson has been featuring exhibition chrysanthemums with pumpkins, jack-o'-lanterns, autumn leaves

and corn shocks as a Hallowe'en feature.

The Rochester Floral Co. arranged a very unique Hallowe'en window, using pumpkin faces, ghost trees and lanterns as accessories. CHESTER.

Established 1765

Incorporated 1904

HEWS**STRONG
RED
POROUS****POTS**POT MAKERS FOR A
CENTURY AND A HALF.Standard, Azalea, Bulb, Orchid, Fern, Hanging, Embossed, Rose, Carnation, Palm, Cycia-
men, Cut Flower. Special Shapes to Order. Chicken Founts, Pigeon Nests, Bean Pots, Etc.WORLD'S LARGEST
MANUFACTURERS.**A. H. HEWS & Co., Inc., Cambridge, Mass.****WAREHOUSES:**
Cambridge, Mass. New York, N. Y.**Syracuse Red Pots
Standard Pots
Azalea Pots, Pans**A large stock ready for immediate
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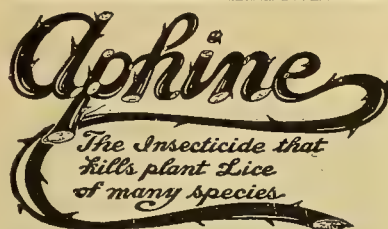
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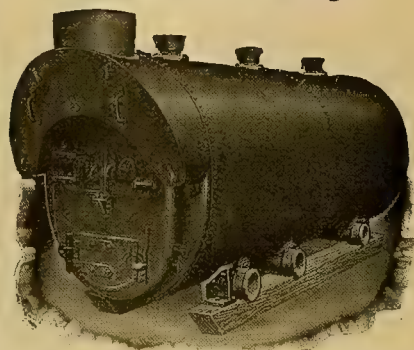
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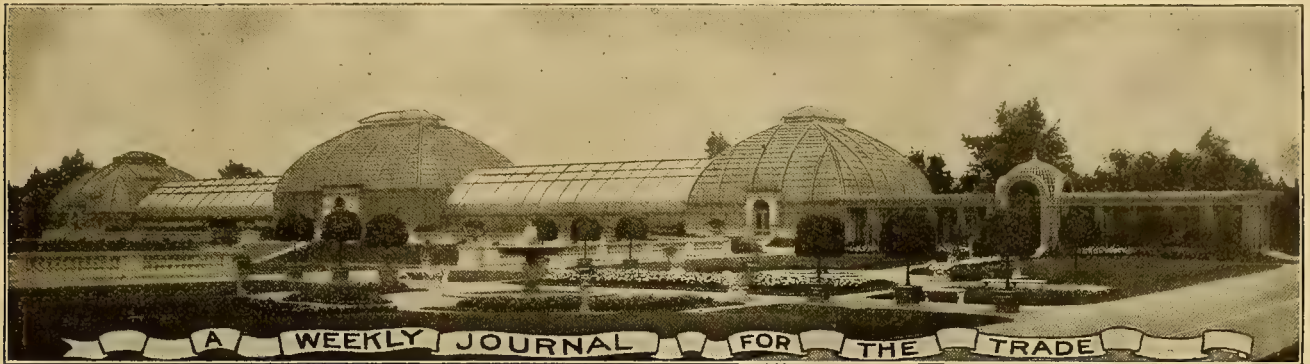
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Vol. XLVII.

CHICAGO AND NEW YORK, NOVEMBER 11, 1916.

No. 1484

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ican Florists will be held at St. Louis, Mo.,
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SUGGESTIONS FOR PLANT GROWERS.

Violets.

The temperature of both night and day have now become settled enough to keep the violet houses in the best growing condition, and the plants should have made a strong, healthy growth, and be producing blooms of good quality. The first sign of disease will sometimes make its appearance as early as the first of November, yet it ordinarily does not show up until later in the year during the dark, dull weather. All leaves which show disease should be picked off at once, and if there should be any great amount making its appearance, run the plant a little dry, and under no circumstances allow moisture to remain on the foliage over night. Water only on bright days and then early in the morning. Give all the air possible during the day, and if the disease continues raise the temperature a little at night and do not open the houses quite as much or as early in the morning. A little warmer temperature will induce a new root action, and if this takes place the plant will begin to make a new growth and the disease will disappear. The disease only makes any great headway while the plants are not growing, for when "the elegant spring," as one grower always used to express it, comes, the plants take on new vigor and the disease is no more. As soon as the plants begin to grow the temperature can be dropped to normal for the culture of these plants, which should be about 40° at night. Be careful in removing the leaves not to disturb the plants any more than necessary. Do not pull them off carelessly, but pinch them off with the thumb and forefinger.

Rambler Roses.

The wood of the several Rambler roses that are to be forced should be well ripened up. Those that have been grown in the open ground should be lifted and potted. The pot-grown stock should be subjected to some freezing weather, but they should not be left out until the weather becomes severe enough to freeze the ground so that the

pots become broken. A covering of leaves may be placed over the pots if the wood has not been thoroughly ripened, but they are better stored in deep pits or sheds, where the temperature may be kept just above the freezing point. The small twiggy wood should be cut out, leaving the strong canes, and these should be tied to a stake and kept erect. This will greatly reduce the labor when moving them and allow for closer packing when they are packed away and besides prevent the branches from lying on the ground and becoming soft or perhaps causing rot, if too damp. The stock that is lifted and potted should be given a rich rose soil and potted firmly, ramming the soil down hard with a wooden stick. All roses require a firm soil to get the best results. The Baby Ramblers can be carried into the houses and brought into bloom for Christmas. A temperature of 60 degrees to 65 degrees should produce plants with bloom if started at once.

Ferns.

A good stock of small ferns is a necessity at this season of the year to the florist having a retail trade, for the fern dishes will now be coming in to be refilled and this has become quite a feature of the business. While this branch of the trade is in many cases very unsatisfactory, yet it is greatly the fault of the dealer that it is so, and with a little care and method can be made very remunerative and satisfactory to himself and his customers. In the first place a book should be kept giving the date when such customer's dish was filled, and above all things do not endeavor to buoy the customer up with any false hopes as to how long the dish will keep in good condition. In many cases the dish is placed on the center of the table 15 to 20 feet away from any light, the care left to domestics, and it may never be watered from the time it reaches the house until it is returned to be filled, and oftentimes the customers will say it was only a week or two since it was filled, when by reference to the book it will be found to

have been two months. When the dish is returned make a note as to what varieties seem to have succeeded the best and use these in refilling. It is wonderful to note the effect on the different varieties in different houses. What will live and thrive in one house will often be the first to die in another. Have a few dishes put up ready for sale. It is often possible to make a sale when the customer sees them all ready, though he might not wait to have one made up or would never think of it unless his attention was drawn to it. Besides the ferns, have a good stock of *Asparagus plumosus* and *Sprengeri* in small pots; these will often grow where ferns will not live at all. And also a fine lot of small palms, *cocos* and *kentias*, and small *dracenas* for the centers of the fern dishes.

Outside Tulips.

The tulips should be planted in the beds as soon as possible from now on. It will do them no good to remain out of the soil, for they will lose some of their vitality. While we do not like to plant them out when the soil and weather are warm, yet October and early November is the proper time to get them in. There is danger now of the ground becoming frozen at any time and they should all be planted while the ground can be worked, for it is very difficult to set them even after a thin crust has formed on the soil. The covering can, however, be left until freezing weather sets in, and, in fact, is better, for if the ground becomes frozen the bulbs will not make any top growth, which is likely to occur if covered now and kept too warm. Do not cover too deeply. The object of the covering is not to prevent the soil from freezing, but to prevent the alternate thawing and freezing that often occurs and which will in some cases throw the bulbs out of the soil altogether. Leaves three or four inches thick make the best covering, with boughs or boards laid across to prevent the winter winds from blowing them away.

Gladiolus Colvillei.

The winter blooming gladioli make a valuable addition to the late winter and spring flowers and are very useful as a cut flower or in all kinds of floral work. The blooms are much smaller than the *Gladiolus Gandavensis* and kindred kinds and can be artistically employed. The varieties grown are The Bride, white; Blushing Bride, white, tinged with pink, and Peach Blossom, light pink. The culture of these is very easy and by a succession of plantings the flowers may be had all through early spring up to June. The bulbs can be procured all at once and kept dry and cool, but do not leave them standing around in the room over the boiler or they will rapidly lose their vitality. They can be planted in deep flats and placed in an out-of-the-way place until they begin to grow, when they should be given a light location in a house with a temperature similar to that in which carnations are grown. The flowers will be larger and have more substance if grown cool, but it will take considerably longer to get them into bloom. Some growers plant these bulbs between the rows of the carnations or the violets, but our experience has been that it is far better to grow them in boxes by themselves, for the carnations will need all the nourishment in the soil if growing well, and if not, they as well as the violets when through bloom-

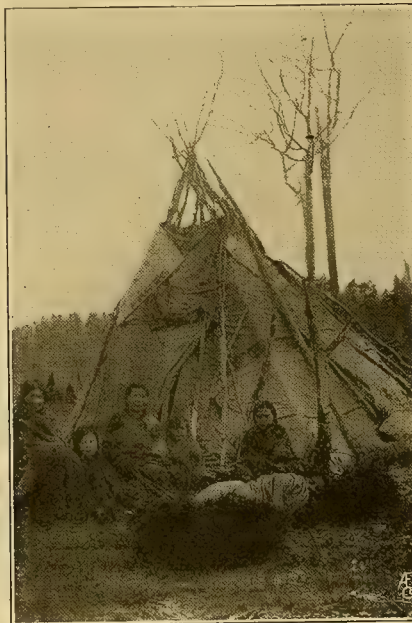
ing had better be cleaned out and some other crop planted and not have a crop mixed in which would delay the planting or occupying of the space. These gladioli will be found very useful and well appreciated by the best trade.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Store Economics.

From being \$3,000 "in the hole," and in a period of 11 years being the proud possessor of a business worth \$50,000 is the record of Frank Ross, of Philadelphia, Pa. Mr. Ross did this with his retail business now conducted in three stores, entirely through his personal efforts and with the assist-



Vaughan's Green Pickers.

This illustration shows a Group of Winnebago Indian Women Engaged in Gathering Ground Pine in the Northern Wisconsin District for Vaughan's Seed Store. A Large Bundle of the Pine is Shown in the Foreground and an Indian is Resting on a Bundle of the Same in the Right Fore-ground of the Picture.

ance of Mrs. Ross, who is also blessed with a good business instinct. Buying and selling for cash only are his business corner stones, and to this system he attributes his success. He bears the distinction of being the best buyer in the Philadelphia market; his business is so large that his trade is valued and sought for by all the dealers. His motto is "Spot Cash." He has long ago learned that "money down" means prices down to the lowest level. To settle at the end of the day is gilt edge, but his plan is "How much for this lot, cash now?" He believes that he can save 20 per cent as compared with the man who orders over the phone and pays in 30 days, and this of itself is a very large item in the course of a year. Another feature is that all stock purchased by him must be fresh, no job lots of yesterday's flowers being considered.

He keeps closely in touch with his three stores by phone, buying in bulk

and distributes the stock according to their requirements. When the stock is received it is sorted, superfluous leaves removed from ends of stems, graded and placed in jars for the case. A rubber band around each jar holds a card on which the price per dozen of the contents is boldly apparent. There is no asking "How much are these?" as the figures are so plainly displayed. This pricing system is carried out on everything carried in stock. Plants, baskets, bulbs, grass seed and other packages all are so plainly marked that customers can wait on themselves.

Keeping down overhead expenses is one of Mr. Ross' hobbies. He believes that handling flowers is a woman's business, or at least he has found them as efficient as men and the majority of them much more to be depended on; he claims to be able to make a good, bright girl so proficient in eight weeks that she can put up boxes of flowers, arrange sprays and make up designs with the best of them. Those who are willing will soon learn and the careless kind are soon let go to be replaced by others who look promising. He finds they are also very good at waiting on customers, taking orders and making sales. The department stores use women help to great advantage and at much lower salaries than for men. With a competent manager in each store his force, he says, is complete in every way. He is systematic in the hours of labor, all after regular hours' work being paid for by the hour; there is then no grumbling at having to stay, and on the other hand all hours of absence except vacations are at the expense of the employee. The only objection to female help is that they leave him to get married. Mr. Ross takes this philosophically, however, and is glad to see them better themselves in this way.

Mr. Ross watches his stock very carefully; if for any reason a line of goods is not moving it is featured and then if it does not go, down goes the price. Plants that become a little passe are lowered and sold in small lots together, so as to quickly clean them out. He is a great believer in advertising, and all through the season except the summer months, prepares illustrated circulars that are splendidly gotten up, calling attention to the best plants and flowers of the season with a special price for everything. Keeping the price to the front is a great feature with him, not that everything he offers is cheap, but it is there and the probable customers can not but see it and judge for themselves if it suits their purse. These price lists are always placed in large envelopes addressed to the flower lovers of the house and are hand distributed in selected sections in the territory covered by all of his stores. The parent or original store is at 212 East Girard avenue in the uptown district, in a building erected by him for the business. The other two are in West Philadelphia, one at 13 South 60th street, below Market, and the other, the Ross Flower Shop, No. 3, at 136 South 52nd street, just above Walnut. Orders received in any of the stores that can be better or more economically handled by the others are telephoned and receive the same attention as where taken. One active auto makes the heavier deliveries, traveling about 75 miles a day during the busy season. Mr. Ross is a

great believer in autos, but to be economical they must be kept busy; having one standing on the street or in the garage half the time does not pay. He has had several light machines that work very well, but is now trying out a heavier one. Funeral work is one of his specialties and he makes great quantities of it, sending out very good literature soliciting the orders.

Cash registers in all his stores are features; for each sale of \$1.00 the customer is entitled to a 10-cent dis-

counts of the country of the groom, formed a path, beautiful in its coloring, the effect being further enhanced by asparagus and southern smilax, studded with white chrysanthemums and American Beauties which faced the balconies and marked the approach to the stairway. Farleyense, arranged with cattleyas, embellished the mantels in the hall and drawing room, while splendid specimen ferns filled every corner, and formed a beautiful background for the white

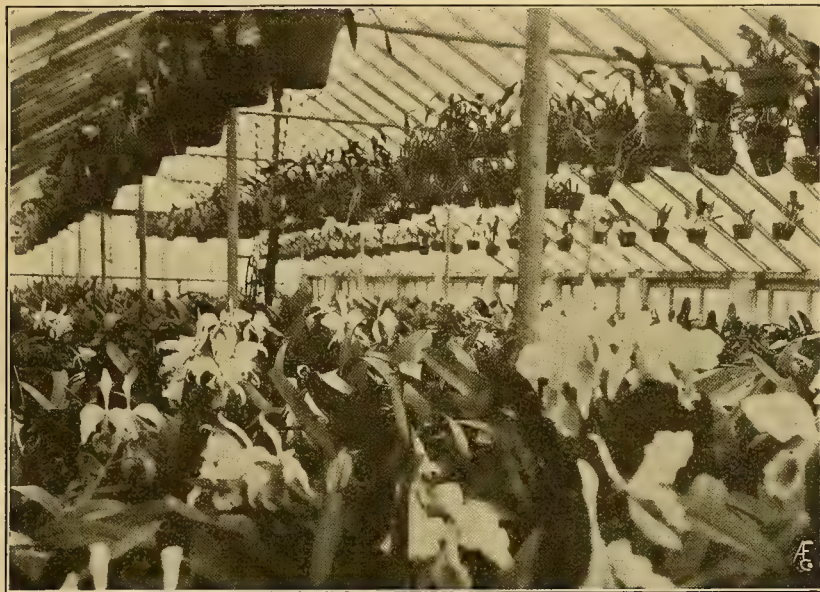
WITH THE GROWERS

Joseph Heacock Co., Wyncote, Pa.

Wyncote is synonymous with the name Heacock. Joseph Heacock carried on an important rose growing business here for a number of years when Bride and Mermet headed the list of teas. Later the place was devoted almost entirely to American Beauty to be succeeded by Killarney. Now the roses have been moved to the extensive houses at Roelefs and the entire range here is given over to kentias—the famous kentias of Wyncote—with a few cocuses and Phoenix Roebelenii. Cibotium Schiedeii is grown quite largely and there are also a few beds of Scottii fern. With the establishing of the new place at Roelefs, the business was incorporated and is now called the Joseph Heacock Co. Mr. Heacock, assisted by his son James, is as active as ever and is the guiding spirit in directing the policy of the company.

All the kentias from the seed bed, on up to the made-up plants in 12 and 14-inch tubs, are grown here, nothing ever being imported. Strength, vigor and a healthy lustrous appearance mark all the stock from two-inch pots up. Kentia seed is sown as soon as it arrives, generally in August, in beds of peat; in from four to six months the strongest young plants are lifted and placed about one inch apart in shallow boxes of peat, stood over though some distance from the steam pipes under the eaves or gutters of the houses, where they stay for about 12 months. Many of the houses are built on the ridge and furrow plan with no division between, and this foot of space under the eave plate is nicely utilized in this way. From these boxes they go into two-inch pots and from these to three and four-inch pots. In this stage they are grown, plunged in ashes on tables, so that they can be well syringed and their feet kept warmer.

The next shift is into a six and they are from this time grown on cement bordered ground beds covered with ashes. All sizes above six-inch pots are grown in cedar tubs. The smallest



ORCHIDS AT THE JOSEPH HEACOCK CO.'S, WYNCOTE, PA.

count check, which is worth its face value in future purchases. Mr. Ross thinks they are of great value in bringing new business or holding his trade and also relieve the tension of the spot-cash payment. All the stores in which his business is conducted are owned by him, he being a great believer in the good will that attaches to a location. All are fitted up in the most modern manner with every facility for the rapid transaction of the business. No old, unsaleable, or otherwise shopworn goods are ever to be seen; everything is bright, seasonable and saleable and displayed to the best advantage, both in the store and show windows, which latter, by the way, are always in good taste, and nearly always contain very attractive features. K.

Wedding Decoration by Gude Bros. Co.

The recent wedding of Miss Margaret Preston Draper, prominent in social circles at Washington, D. C., to Prince Andrea Boncompagni, of Rome, Italy, was marked by the transformation of the residence, at which the ceremony was performed, into a veritable bower of flowers, the arrangement being by Gude Bros. Co., well-known florists of the national capital, with the usual excellence which has gained for this firm a countrywide reputation.

From the entrance to the ball room on the floor above, where the ceremony was performed, palms, ferns, large white chrysanthemums and American Beauty roses in profusion, arranged to reproduce the national

marble altar and the white prie dieux. Ferns and American Beauties banked the front of the altar and the platform on which Cardinal Gibbons' throne stood. Roses in high standards graced the former at each side, the prie dieux being sprayed with ferns. An anteroom, which had been transformed into a bower of ferns, made a charming setting for the organ and the orchestra.



CIBOTIUMS AND PALMS AT THE JOSEPH HEACOCK CO.'S, WYNCOTE, PA.

made-up plants are in 7-inch tubs, having a strong six-inch *Forsteriana* for the center with three bushy fours around. In from nine to 12 months they are ready for sale. Larger sizes of made-up plants contain stronger and older stock. These are grown in eight, nine, ten, eleven and twelve inch tubs, which take about a year to finish. A number are also grown on as single specimens. Insects are guarded against by frequent fumigation with liquid Nico-Fume, evaporated in the "Lonsdale" pans on the steam pipes. Sharp syringing is also a good preventative.

In these houses every inch of room is utilized. The outside wall of the largest palm house supports a 12-inch board or hanging shelf, which, running the length of the house, carries 5,000 two-inch pot kentias. While this is not as good as a more valuable table space, the plants looked very well and added that much to the efficiency of the houses.

Cibotiums are seen here in splendid form; they are called the velvet plants because they take up no room as all are grown suspended from the roof pipes, where they have an abundance of light and air, their slender fronds not interfering in the slightest with the palms on the ground beneath. Specimens in 10-inch tubs are finished on iron pedestals which stand above the palms. *Scottii* ferns are grown in much the same way. Several beds are planted in the spring from which every other plant is taken in the early fall, potted, and suspended from the roof to be finished. The balance in the beds are grown on, providing young plants from runners. The old plants are lifted finally and finished for the late winter demand when the market is generally bare of such stock.

Cattleyas are one of the specialties being done as well here as anywhere in the country. J. Gould, who has charge of this department, has crossed a number of plants and has some 8,000 seedlings in various stages of growth; it takes about six years to bring along a plant to the point of profitable bearing. Seed is best sown early in the spring and will start to show life in three weeks. *Dowiana* and *labiata* make a good cross. The seed pods take about a year to mature. Orchids will not force like many other plants; too much heat will start them into growth at the expense of the flowers, but by careful coaxing the various varieties can be made to hit certain seasons when they are most in demand. Plants from seed, if well crossed, generally produce blooms of good size and quality, while only about 40 per cent of the imported stock bear high grade flowers. The seedling plants also hold out much longer than the imported. By not allowing weak plants to flower they are greatly strengthened for next season's growth. It takes about a year to establish newly imported stock. A fairly good crop of flowers is obtained the second season, which increases until the fifth year, when they begin to go back. This applies to the general run of the stock, there being some exceptions. A house of *labiata* was flowering freely. Cattleyas can be held a month on the plants, which is quite a feature in an overstocked market.

Intensive culture and efficiency in every department is the feature of this very well managed establishment. Theodore Shober, who has charge of

the palms and ferns, appears to understand their every requirement. Since August he and his force have been busy all the time selecting and packing orders, large quantities being selected daily with many more yet to go before the present orders are filled.

Alfred M. Campbell, Strafford, Pa.

E. A. Stroud, the former proprietor of the Strafford Flower Farms, kept his establishment well to the front, his specialty being carnations and chrysanthemums. Alfred M. Campbell, who is now the proprietor, bids fair to be a worthy successor, as all the stock is fully up to the high standard set by Mr. Stroud. A house containing 20,000 blooms of the new orange yellow chrysanthemum, Strafford, is a wonderful



New Chrysanthemum Strafford.

Grown by Alfred M. Campbell, Strafford, Pa.

sight. This variety is surely destined to be universally grown. It is of medium size, about 5 inches in diameter, reflex, with an abundance of petals whose regularity gives the flower a most perfect form. In color it is a bright bronzy orange yellow, a most pleasing shade, that almost glistens in its intensity. The stem and foliage could not be better. A look over this house creates a lasting impression. There are several other houses filled with standard sorts, the envy of most growers. A house 50x350 feet contains 30,000 carnation plants, which are in a great state of preparedness for the winter campaign; there are not many finer blocks anywhere. *Formosum* lilies are to be a feature, a number of tables in various stages being filled with them. Quite a retail business has been done here and a fine stock of poinsettias, begonias, cyclamens, ferns and palms are being groomed for the holidays. The range contains 60,000 feet of glass. The houses are of Hitching's best iron construction, heated with a battery of their boilers. Mr. Campbell is a hustling young man, well versed in the business. In addition to this large place, he has another at Collingdale and a wholesale cut-flower store in Philadelphia.

W. K. Harris, Philadelphia, Pa.

There are few places where florists plants are the specialty, where one will find such general excellence as at the W. K. Harris establishment, Fifty-fifth and Springfield avenue, Philadelphia.

This is the home of many successes. The Harris lily was a discovery of Mr. Harris and named for him. Ficus were first grown here in quantity and the largest stock of *Pandanus Veitchii*, before the southern grown cuttings became a feature, was always to be found here, Mr. Harris having found that by destroying the center of the plant it would sucker much more freely from the bottom, a secret which he retained for a long time. Hosea Waterer's first importation of chrysanthemums from Japan were given him to grow on to determine their worth, and he crossed many of the varieties, almost the entire stock of the country being direct descendants of these original plants and crosses sent out at that time. Ivory is about the only variety, of the original imported set, that is still in cultivation.

One of Mr. Harris' best contributions is the broad, long, crinkley-leaved sport of the Boston fern, named after himself. When displayed on a pedestal it makes one of the most beautiful of this large family, which have been such a boon to the florist. We cannot understand why its cultivation has not been taken up by others.

For the most part this is a firm whose business is of specialties. House after house is filled with *Harrisi* and *Scottii* ferns in medium and large sizes. A house is given to *Ficus elastica* and *altissima*. The latter might be called a refined *elastica*, having a similar leaf, which grows much closer on the stem. It is seen at its best in branched or bush form. Many of the *elastica* are branching plants set in the ground outside during the summer. They make stocky plants, lift well and soon recover after potting, in the house. A house of *Pandanus Veitchii* and another of crotons looked well. Six to eight houses are planted with chrysanthemums for cut flowers, grown three to a plant, and are up to the standard required here. They are quite as good as many seen flowered, only one stem to a plant. They are able to get this quantity by early planting, all before May 30. This insures a vigorous growth, which breaks strongly when plants are topped.

An interesting feature is the houses of *Asplenium nidus avis*, the bird's nest fern; there are many thousands in the two houses given up to them. One contains plants in from four to eight-inch pots; the other is the nursery, where they are cared for from the seed pan up to two-inch pots, for delivery before the holidays. All the large stock is marked sold, except a few in four-inch pots, which gives some idea of its popularity. In all this great block there is not one diseased or discolored frond, which is remarkable, as many growers have to discard it on account of black spot. Seed is sown every two weeks, which is necessary to keep up a supply, as it is in almost constant demand in all stages of growth, the three-inch being one of the most popular sizes.

Christmas and Easter are climaxes here, for which great preparations are made. Some 24 cases of azaleas, for

early forcing, had just arrived. These would follow some of the chrysanthemums. Houses of cyclamen and poinsettias were features, while in another large house were the assorted tubs, pans and pots made up of variegated foliage plants for the Christmas trade.

Outside, the rambler and other roses for Easter forcing, had just been potted and stored for the winter. They are plunged in manure, close together on the ground, from which they were dug and covered with salt hay, which is worked down among the branches

to grow vegetables, fruit and flowers for his own use (not for sale) exhibit as an amateur; if so, on what basis can he compete with amateurs employing no skilled help, or very little?

Persons employing skilled help in the production of flowers, fruits, or vegetables can not be classed as amateurs.

Can a man employed as a florist, gardener, etc. or in any professional capacity relating to horticulture, exhibit under any circumstances as an amateur when produce exhibited is taken from his private garden where

EXHIBITIONS.

The Philadelphia Show.

The annual exhibition of the Chrysanthemum Society of America, in conjunction with the show of the Pennsylvania Horticultural Society was opened at Philadelphia, Pa., under most favorable auspices. Tuesday evening, November 7. The show was complete in all departments, particularly that of the cut bloom section, in which the C. S. A. entries formed an important part. In these it was the largest and most varied exhibition ever seen in that city. Large flowers and great excellence had been expected but the growers fairly outdid themselves, the blooms being truly wonderful in size, form and color. Among the other strong features of the show were the orchid displays. Wm. Kleinheinz, Ogontz, Pa., had a group of plants in flower arranged in a bank at the first landing of the grand staircase extending from the main balcony of the upper hall which was most artistic in its natural woods-like beauty. Two large standing mirrors, between which was a fountain, gave the appearance of a cascade. Cibotium and other ferns, together with cork and birch bark and mosses, gave the group a most natural forest habitat appearance. Well flowered cattleyas were prominent, as well as oncidiums and many other choice genera of this family. The arrangement was in charge of John Kuhn.

Louis Burke's display was up to his usual standard, and better. The large electrically lighted case was filled with the choicest of his large collection. Magnificent cattleyas, oncidiums, laelias, odontoglossums, stanhopias, phalaenopsis and rare varieties of cypripediums, all in full flower, made an exceptionally fine showing. A smaller case contained a specimen of Vanda Sanderiana with a seven flowered spike of superb blooms. This was flanked by two pots of very well flowered cypripediums. An enclosed gilded frame contained a magnificent Brassia-Cattleya Heatonsense with two flowers, the lips of which, heavily fringed, were over three inches in depth.



CHRYSANTHEMUM FLORENCE HARRIS.

until the appearance is that of a long, low, hay rick. They winter splendidly here and are easily gotten out when wanted for early forcing.

Mr. Prince, the foreman, is a thoroughly practical plantsman, the whole stock reflecting his careful management. W. K. Harris and Mark Mills are still in the harness, but now find more time to get about among their fellow craftsmen, put pep and business management into flower shows, and lend their valued business counsel in similar channels.

K.

Amateurs or Professionals.

ED. AMERICAN FLORIST:

You will oblige by giving your opinion on the following questions with regard to the status of amateurs and professionals in horticultural exhibitions.

T. G. B.

What is an amateur at horticultural exhibitions? What general classes of amateurs could be made to advantage?

An amateur at horticultural exhibitions is one who grows his own flowers, fruits or vegetables. Amateurs are usually divided into two classes, namely, amateurs proper, who have no assistants in their work and amateurs who keep a gardener.

What is a professional exhibitor at horticultural exhibitions?

Gardeners who care for the green-houses or gardens of private individuals as distinguished from commercial florists and nurserymen.

Can a person employing skilled help

produce is grown for his own table and pleasure?

No.

Can head gardener or his assistants on estate not growing produce for sale, exhibit as amateurs either in his own name or in his employer's name from the produce grown on the estate?

No.



NEPHROLEPIS HARRISII.

Fourteen Inch Tub; Spread Eight Feet.

The pot plants occupied the center of the main hall, as usual, and were quite up to the standard of recent years. The shorter, bushy stock, flowered well down to the pot, were more effective than the taller larger plants on which the flowers, no more numerous, seemed farther apart and did not give the color effect as in those kept lower. They were also much harder to transport.

The center of the hall, under the large chandeliers, contained a group of fine specimen crotons, six to eight feet in height, very bushy and well colored, staged by John Hobson. H. A. Dreer, Inc., filled the tables bordering the stage with well grown, medium sized plants of crotons, variegated pineapples, Phoenix Roebelenii and other choice plants, backed with fine kentias. At the opposite end of the hall the group of foliage and flowering plants staged by John Dodds, gardener to John Wanamaker, was a feature. Splendid plants of antirrhinum, rich with color, cattleyas in full flower, Pandanus Lindenhurst, and other choice foliage plants made a most interesting and monumental grouping. Thomas Long, gardener for G. W. Childs Drexel, staged his usual fine collection of ferns. Wonderful perfection and growth is exemplified in these plants, which are not duplicated anywhere.

In the foyer was staged the variegated and other fancy foliage plants. These were brilliant in their coloring and wonderful in the vigor and finish, the selections of the very best collections from the private establishments in the neighborhood. The front foyer was occupied by interesting trade exhibits. H. A. Dreer, Inc., Philadelphia, displayed garden requisites, insecticides and bird boxes, nicely arranged with appropriate plants. The exhibit of H. F. Michell Co., Philadelphia, was an enclosed garden effect. A high pole fence, with a wide entrance and a grapevine covered pergola was very effective. Chrysanthemums in the border and a well arranged center bed of spring blooming bulbs represented by artificial flowers was very artistic. This was another of Philip Freund's successes. A table of choice varieties of hardy chrysanthemums by the H. F. Michell Co., from which orders were taken for spring delivery, was in charge of C. A. Gowdrey.

There were two large exhibits of fancy fish. One in the lower hall by the gold fish exhibitors of Philadelphia, a combination of 12 fish fanciers, and another in the main foyer, by Franklin Barrett, were very interesting features, surrounded at all times by the visitors.

Wm. Kleinheinz staged a wonderfully well flowered set of a new winter flowering tuberous begonia. The plants were 18 inches in height and covered with flowers, one inch to three inches in diameter. The colors were red and shades of pink—a real novelty, apparently of great value.

The King Construction Co., North Tonawanda, N. Y., had a nicely arranged latticed booth, hung with pictures of their greenhouses and a sample movable frame for the garden. Fred Cowperthwaite was in charge. The Lord & Burnham Co. also made an exhibit of cold frames and sash, also literature. D. T. Connor was exploiting the virtues of the exhibit.

H. Waterer, Philadelphia, exhibited bulbs and garden requisites, tools, etc. Thos. Meehan & Sons staged hardy chrysanthemums in front of an elaborate latticed background of evergreens, berries and autumn leaves. This was an artistic display.

Wednesday noon the important ex-

hibitors from out-of-town points were still busy unpacking their large shipping cases and the cry went forth for additional vases. The Mt. Greenwood Cemetery Association of Chicago had an excellent exhibit and Elmer D. Smith & Co., Adrian, Mich., were represented with a display of immense blooms. Chas. H. Totty, Madison, N. J., made a fine exhibit of more than 100, while W. H. Duckham's showing comprised 75 wonderful flowers. A. N. Pierson, Inc., Cromwell, Conn., with 50 vases of superb pompons and the E. G. Hill Co., Richmond, Ind., with more than 100 immense blooms, including several new varieties, also made splendid displays. The local growers staged stock of extraordinary size and finish. Many of the flowers measured nine inches in diameter and the same in depth.

The Boston Show.

The autumn exhibition of the Massachusetts Horticultural Society was held at Horticultural hall, Boston, November 4-6. The show was not as large as usual, but the flowers shown were of very good quality. The groups of flowering plants were especially good this year and made the best showing in the exhibition. A. N. Davenport had a very fine display—a great variety of plants. Wm. Edgar Co., Waverley, Mass., also showed some very fine specimens in its group. For commercial plants, Wm. Elliot, Boston, had some of the finest ever staged at the hall, all being very fine varieties, well flowered and perfect in shape. The specimen plants were not unusual this year with the exception of a large plant of Garza shown by Galen Stone. The retail exhibits were very much "off" this year, there being but one entry—Caplen, The Florist, showing uses of flowers in the home.

The competition for all blooms of chrysanthemums was not very keen as the flowers shown by Galen Stone surpassed all others by a large margin.

Wm. Rust, gardener for the Weld estate, had a nice showing of winter flowering hybrid begonias which won a great deal of admiration. Wm. Down also had some very fine specimens of Begonia Optima, which won a silver medal. A table of crotons and camellias from Thomas Roland, of Nahant, were exceptionally good.

There were good showings of pom-

pons and single chrysanthemums from Charles H. Totty, Madison, N. J., and A. N. Pierson, Inc., Cromwell, Conn. The fruits and vegetables were more extensively shown this year than usual, Thos. I. Grey Co. having a very fine display.

The carnations were very fine this year. Strouts, of Biddeford, Me., won in the six vase class with some very fine flowers.

F. L. W.

Tarrytown Hort. Society Show.

The eighteenth annual exhibition of the Tarrytown, N. Y., Horticultural Society was held in Music hall, Tarrytown, November 1-3. This society has an established reputation for good exhibitions, which was admirably sustained at this last event.

The exhibits in the competition for Mrs. Frederic E. Lewis' prize, silver cup and \$25, for the most effectively arranged group of palms and flowering and foliage plants, space of 100 square feet, 1st, silver cup, value \$25; 2nd, \$15; 3rd, \$10, added greatly to the decorative features of the hall. W. B. Thompson, Yonkers, N. Y. (R. M. Johnston, Gr.), won the cup; Mrs. Helen Gould Shepard, Tarrytown (C. R. Russell, Gr.), won second and D. G. Reid, Tarrytown, third. Chrysanthemums were largely used in the Thompson exhibit which occupied the stage. The Shepard exhibit was a fine arrangement of crotons and other foliage plants and chrysanthemum plants, around tall palms.

The stage was handsomely decorated with foliage and flowering plants and cut flowers. Noteworthy in the stage decorations were baskets and bowls of roses by F. R. Pierson Co., Tarrytown, which were not in competition. Another effective decorative feature was the vases of long-stemmed chrysanthemums with autumn foliage, arranged along the balcony.

The exhibition chrysanthemums, as a matter of course, were very noteworthy. F. R. Pierson's prize, \$15, for the best vase of 25 blooms Lillian Doty chrysanthemums disbudded, grown to single stem, stems 24 inches in length; 1st, \$8; 2nd, \$5; 3rd, \$2, was awarded as follows: Mrs. S. Neustadt, Tarrytown, first; D. L. Luke, Tarrytown (John Elliott, Gr.), second; Paul M. Warburg, Hartsdale (Frank C. Luckenbach, Gr.), third. Charles Vanderbilt's prize (\$5) for the largest chrys-



PALMS AND CIBOTIUMS AT THE JOSEPH HEACOCK CO.'S, WYNCOTE, PA.

anthemum bloom, selected from all the exhibits, was won by Mrs. F. E. Lewis, Ridgfield, Conn. (J. W. Smith, Gr.), with William Turner.

In the various classes for exhibition chrysanthemums, numerous prizes were won by W. B. Thompson, Mrs. F. E. Lewis, Mrs. Carl Victor, Irvington, (Thos. Lee, Gr.), and Mrs. Helen Gould Shepard. Noteworthy varieties exhibited were: Mary Farnsworth, William Turner, Mary Mason, Odessa, Elberon, Queen Mary, W. Woodmason, Rose Pockett, Hon. Mrs. Lapes, Mrs. G. Drabble, C. H. Totty, Nerissa, Nakota and Boggs. There were fine exhibits of pompons and singles. Mrs. Carl Victor took first and Dr. C. C. Brace (Geo. McIntosh, Gr.) second for Mrs. H. Darlington's prize, \$5, for the best six vases, six varieties, five sprays each of pompon chrysanthemums; 1st, \$3; 2nd, \$2. There was a clever display of pompons in competition by Scott Brothers, Elmsford, N. Y..

Edgemont Nurseries' (Julian F. Detmer, prop.) prize, silver cup and \$25, for most effectively arranged display of orchids, covering a space of 25 square feet, for private gardeners only; 1st, silver cup; 2nd, \$15; 3rd, \$10, was awarded to Samuel Untermeyer, Grey-stone (Arthur Griffin, Supt.; Geo. H. James, Gr.), first; Mrs. Shepard, second. Both these exhibits were very fine.

Adolph Lewisohn's silver cup for best vase of roses, 50 blooms, was won by Richard Delafield, Tuxedo Park, N. Y. (Wm. Brock, Gr.), who also took first for 12 pink, 12 white and 12 yellow.

In the commercial class, F. R. Pierson took first prize for 25 blooms one variety.

The Lord & Burnham Co.'s gold medal for 18 roses, other than American Beauty, was won by W. B. Thompson, who also took other rose prizes. Carnation prizes were taken by Mrs. S. Hermann, Mrs. Shepard, W. B. Thompson, D. G. Reid and Mrs. E. S. Bayer.

The table decorations were largely of single chrysanthemums. A. W. Golding, gardener to D. G. Reid, Irvington, was first; Wm. Brock, gardener to Richard Delafield, second, and Wm. G. Ellis, gardener to E. L. Myers, Huntington, N. Y., third. Mrs. James Speyer's table decoration, not in competition, was a very elaborate arrangement. A mirrored centerpiece, a statuette fountain, miniature swans, with a vase of pink bouvardia at each plate—all combined, it was a great attraction.

Marie Bowman, of White Plains, took first prize for the best arranged bridal bouquet.

Prize winners not previously mentioned were S. M. Lehman, Henry Sidersberg, Mrs. S. Neustadt, Emil Berolsheimer, J. F. Detmer (G. H. Chisholm, Gr.), Mrs. I. N. Seligman, D. E. Oppenheimer, all with chrysanthemums; Mrs. J. B. Trevor, Mrs. Moses Taylor and Richard Langle, with violets. A. F. F.

Westchester and Fairfield Society.

The sixth annual autumn exhibition of this society was held in Drinkwater's hall, Greenwich, Conn., October 31-November 1. The manager was J. B. McArdle, who was ably assisted by Thos. Ryan, to whom the society is indebted for the staging of a magnificent display of flowers, fruits and vegetables. The handsome and valuable prizes offered for the entire schedule of 121 classes brought out keen competition, the quality of the exhibits throughout being of a very high order. Noteworthy features were the scarcity of the "big blooms" and the increasing popularity of the more decorative types of single and pompon

varieties of chrysanthemums, the increasing interest displayed in the classes for groups of plants and of cut flowers, decorative work and table decoration. It is gratifying to note the interest taken in the exhibition by the amateurs—those who do not employ paid assistants. Owing to the unusually mild season, there was a splendid display of outdoor flowers; over 50 varieties were seen in the five groups in this class. Among the novelties noted was the new yellow rose exhibited by A. N. Pierson, Inc., Mme. Collette Martinet, of remarkable fragrance, good form, and which is said to be a good grower and producer. Some fine varieties of anemone flowered chrysanthemum seedlings exhibited by Scott Bros., Elmsford, N. Y., attracted a lot of attention. A vase of the new double flowered form of cosmos was exhibited by J. B. McArdle; the neat flowers should be very useful to the florist as well as a good subject for the garden. The sweepstakes prize for the best chrysanthemum bush plant went to W. J. Sealey, gardener for Chas. Mallory. The prize for the most meritorious exhibit, a display of orchid plants, went to Robt. Allen, gardener for E. C. Benedict. The award for table decoration went to Wm. Whitton, gardener for Mrs. H. M. Flagler, who also won the prize for the largest chrysanthemum bloom in the show. First prize for outdoor flowers went to P. W. Popp, gardener for Mrs. H. Darlington; second, Wm. Smith, gardener for Robt. Mallory, who also was first for a specimen orange tree.

In the chrysanthemum plant classes, the honors were divided by Chas. Mallory, John Downey (Thos. Ryan, Gr.), John Orr, Mrs. W. G. Nichols (G. D. Sullivan, Gr.), A. G. Smith (C. Hankanson, Gr.), Mrs. L. C. Bruce (John Andrew, Gr.), Mrs. H. M. Flagler, Mrs. A. M. Zabriskie (Fred Metzler, Gr.), F. A. Topping (Fred Lagerstam, Gr.).

In the cut chrysanthemum classes the most successful were Mrs. H. M. Flagler, Mrs. E. C. Converse (Wm. Graham, Gr.), Mrs. Ernest Iselin (Duncan McIntyre, Gr.), Mrs. J. D. Barron (James Linane, Gr.), A. G. Smith, G. Lowther (Emil Johnson, Gr.).

In the pompon classes the honors were divided by Adrian Iselin, Jr. (Jos. Tiernan, Gr.), Mrs. H. Darlington, Mrs. E. C. Converse, Mrs. F. A. Constable (Jas. Stuart, Gr.).

In the single classes, honors were shared by Mrs. F. A. Constable, Mrs. H. Darlington, Adrian Iselin, A. G. Smith and Mrs. E. C. Converse. For vase of pompons, one variety, Mrs. H. Darlington was first; Chas. Mallory, second. For six blooms yellow, 1915 introduction, P. W. Popp was first.

In the carnation classes the principal winners were Mrs. E. C. Converse (Robt. Grunnert, Gr.), Mrs. Nathan Strauss (Thos. Aitchison, Gr.), J. B. Cobb (A. Alius, Gr.), W. Brunny and Geo. Lowther.

In the rose classes the honors went to Chas. Smith (Anton Pederson, Gr.), Mrs. H. M. Flagler, Mrs. E. C. Converse, Mrs. Oliver Hoyt (Jas. Foster, Gr.). First prize for violets went to Miss M. Valentine (A. Carver, Gr.); second to Mrs. Oliver Hoyt. Robt. Grunnert was first for lily of the valley.

Honors in the orchid classes were divided between Mrs. Oliver Hoyt, E. C. Benedict, Mrs. E. Croncheth, J. B. Cobb, Mrs. H. Darlington and Mrs. F. A. Constable.

In the vegetable classes honors were shared by Mrs. F. A. Constable, Mrs. L. C. Bruce, John Downey, Mrs. A. A. Anderson, J. B. Barron, Geo. Lowther, Mrs. Nathan Strauss, Ernest Iselin, Mrs. Oliver Hoyt, Miss Valentine, D. Millbank, A. Higgins, Mrs. E. C. Converse and J. B. Cobb.

In the amateur classes, J. Merritt Smith and Oscar Addor, Jr., were the most successful.

In the ladies' garden club class, Mrs. W. M. Bennett and Mrs. W. M. Ladd were the winners. The judges were: Wm. Turner, Oceanic, N. J.; Jas. Blair, Staatsburg, N. Y.; Ernest Wild, Morristown, N. J., and Geo. Middleton, Tarrytown, N. Y.

A certificate of merit was awarded to Alex. Geddes for display of single type seedling chrysanthemums; cultural certificate to Wm. Morrow for Eucharis Amazonica, who was also awarded a certificate for Cypas Rumphii; special prize to P. W. Popp for basket of pompon type chrysanthemums.

Eight fine trade exhibits were in evidence. J. B. McArdle, Greenwich, Conn., was highly commended for exhibit of roses, palms and cosmos; Stamford Seed Co., Stamford, Conn., was highly commended for exhibit of sundries. Certificates were awarded to Mills & Co., Mamaroneck, N. Y., for display of dahlias; Geo. E. Baldwin & Co., Mamaroneck, N. Y., display of orchids; Lager & Hurrell, Summit, N. J., display of orchids; Scott Bros., Elmsford, N. Y., display of chrysanthemums; A. N. Pierson, Inc., Cromwell, Conn., display of chrysanthemums; Chas. H. Totty, Madison, N. J., for display of chrysanthemums. P. W. Popp, Cor. Sec'y.

Texas State Flower Show.

As the dates for the third annual flower show to be conducted by the Texas State Florists' Association draw near, interest in the event increases. A number of florists from over the state have reported that they will be present with exhibits, and several large florists out of the state will be represented. The premium list has been completed and mailed. It covers a wide range of subjects and entries in all classes, and competition for the prizes is expected to be sharp. Those out of the state who have reserved space for exhibits, not previously reported, are: Joy Floral Company, Nashville, Tenn.; Denver Wholesale Florists' Company, Denver, Colo.; Stuppy Floral Company, St. Joseph, Mo.; Poehlmann Bros. Co., Chicago; Furrow & Co., Guthrie, Okla.; Gullett & Sons, Lincoln, Ill.; H. S. Ely & Company, Neosho, Mo.

The following firms have made donations of the items mentioned, for the benefit of the association in conducting the show. These items, to be used as premiums, will be placed on exhibition during the show: E. C. Amling Company, Chicago, flowers; Ralph M. Ward & Co., New York, case of Lilium Giganteum bulbs; Foley Greenhouse Manufacturing Company, Chicago, 12 sash; Sefton Manufacturing Company, Chicago, flower boxes; Denver Wholesale Florists' Company, Denver, Colo., flowers; Vaughan's Seed Store, Chicago, 12 baskets; Baker Bros., Fort Worth, Tex., \$12 worth of shrubs; H. Kaden, Gainesville, Tex., 12 two-year-old roses; Texas Nursery Company, Sherman, Tex., 25 new roses valued at \$10. A cash donation has been made by Kroeschell Bros. Company, Chicago.

There is yet room for several more exhibits and florists in every section of the state are urged to send their flowers and plants for exhibition even if they cannot attend in person. All flowers or plants that may be sent will receive the closest attention. Florists out of the state are also invited to send flowers and plants, and everyone far and near is invited to attend the show. Any information will be gladly given by Henry Greve, Dallas, Tex., chairman of the flower show committee. Ample publicity is being given this show in Dallas and surrounding territory and a very large attendance is expected. L. J. TACKETT, Sec'y.

Sewickley Horticultural Society Show.

The chrysanthemum show of the Sewickley Horticultural Society, held in the school pavilion, November 2-4, was a great success in every way, being favored with splendid weather. The attendance taxed the capacity of the hall to the utmost for the three days of the show, and a larger hall would have shown off the exhibits to better advantage.

Chas. H. Totty, of Madison, N. J., staged a fine exhibit of chrysanthemums, including White Doty, fine flowers of Wm. H. Waite, a fine gold and reddish flower similar to Mary Mason, but larger, Louise Pockett, a large incurved white, and Golden Champion, an immense flower on the Rose Pockett color, altogether a well named flower. E. D. Smith & Co., of Adrian, Mich., also sent a fine display, including some novelties, with fine flowers of Miss Wright, Calumet and Smith's Sensation. The exhibit of the Pittsburgh Cut Flower Co. was a great attraction, outstanding being five vases of Ophelia, J. L. Mock, Richmond and My Maryland roses. They also showed a fine collection of singles and pompons. The Valley Greenhouses exhibited fine specimens of Snapdragon Helen Walker. Mr. Allen, of Homewood cemetery, had on view a brownish sport of Lillian Doty. The judges were Jas. Wiseman, Fred Burki and A. C. Davidson and their work was beyond criticism. Farm-hill estate displayed stove and flowering plants.

The following were among the principal prize winners: Mrs. E. M. Horne (M. Curran, Gr.), H. L. Mason (J. Murphy, Gr.), H. J. Heinz (A. A. Leach, Gr.), Dixman Hospital (Carl Becherer, Gr.), Mrs. W. P. Snyder (Wm. Thomson, Gr.), R. B. Mellon (Ernest Guter, Gr.), Mrs. A. Laughlin, Jr. (T. Sturgis, Gr.), Mrs. Wm. Thaw (John Jones, Gr.), R. N. Boggs (R. Taylor, Gr.), H. C. Frick (Jas. Fraser, Gr.), Watson estate (Herman Rapp, Gr.), C. D. Armstrong (T. E. Tyler, Gr.), Mrs. J. F. Byers (A. E. Bonsey, Gr.), T. B. Oliver (John Reis, Gr.).

Menlo Park Hort. Society's Show.

FINE EXHIBITION ATTRACTS CROWDS.

The fall flower show of the Menlo Park Horticultural Society was held in Foresters' hall, Redwood City, Calif., October 27-29. Owing to the fact that the society did not have a suitable exhibition hall at Menlo Park, it was deemed advisable to hold the show in Redwood City. The society surpassed all its former efforts and the feature proved an unqualified success—socially, artistically and financially. Even the hall, large as it was, hardly filled the bill, and a few of the exhibits were a bit crowded. David W. Slade was the manager of the show and directed everything in a very able manner. Percy Ellings was a very busy secretary. They were both assisted by the following exhibition committee: John M. Daly, G. Nunn, Henry L. Gortzhain, Arthur Bearsby and Percy Copp.

The center of the large hall was devoted to pot plants—palms, crotons, orchids, ferns and flowering plants. The cut blooms of chrysanthemums were arranged on benches, which ran the entire length of the hall. The rose and carnation exhibits were on benches against the wall of the building. On the second and third days and evenings, the hall on the second floor was given over to the table decorations, baskets, bouquets and other floral arrangements. The hall was splendidly lighted and ventilated. The judges were Frank D. Pelicano, of San Francisco; Sidney Clack, of May-

field; M. Hopkins, of Woodside; J. Clark and Wm. Eldred, of San Mateo, and their work met with the approval of all and was highly praised.

Frank R. Mills, of Palo Alto, had a very attractive group of ferns and decorative plants near the entrance. This splendid display was the work of Arthur Bearsby. It was not for competition and was greatly admired. As usual, David Bassett, gardener to Louis Stern, carried off first prize with his great showing of decorative plants arranged for effect. This group captured the Lord & Burnham silver cup. He also won the society's silver cup for the best collection of 24 blooms of chrysanthemums and also the gold medal offered by the Lynch Nursery Company, of Menlo Park, for a collection of chrysanthemums. He also won the National Association of Gardeners' medal for 12 blooms,—all of which is some record for one show.

The Lynch Nursery Company was first for a collection of nephrolepis in variety and adiantums. The Fleishacker collection of orchids was a splendid one and reflects great credit on the grower, Walter Ellington, who in such a short space of time has worked up such a grand lot of plants. Some remarkable specimens of vandas in variety were shown. The cattleyas also were superb. We expect to hear a great deal more of this collection in the future as it is being constantly added to.

Chrysanthemums, of course, overshadowed everything else in the cut bloom exhibits. It has never been the writer's privilege to see such a uniformly good group staged in every class at a single exhibition as was done at this one. In the commercial class the Lynch Nursery Company upheld its reputation of former years and captured every prize but one. This stock was all grown by Secretary Ellings, who, besides his duty as secretary, found time to get away with these prizes as well. The Hillsborough Nurseries made elegant displays of cut chrysanthemums, as did Frank R. Mills, of Palo Alto.

Kenneth Murray, of Redwood City, took most of the firsts in the rose classes, but was closely pressed by the Hillsborough Nurseries. Nels Peterson showed grand carnations and was a large prize winner. The Lynch Nursery Company and Frank Mills also showed a fine lot in the carnation section.

There was a very large entry in the dahlia section and seldom is such a grand lot of stock shown. The Bessie Boston Dahlia Farms were represented by a very large exhibit of prizes for that popular flower.

John M. Daly, gardener to J. Leroy Nickel, was easily first with fruit grown under glass; his grapes, figs and pears being wonderful. This exhibit, as usual, was one of the most attractive displays in the hall.

Percy Copp won the silver cup for the best miniature garden. Dave Patterson was a close second. A. M. McDonald showed a splendid garden but it was not for competition, having arrived too late for judging. The silver cup offered for the best table decoration went to Percy Copp with a beautiful arrangement of Primula Forbesii. Following is a complete list of the awards:

Open to All.

- Best exhibit of decorative, foliage and flowering plants covering 150 square feet, to be arranged for effect—David Bassett.
- Best 12 foliage and flowering plants—David Bassett.
- Best specimen plant—W. Hughes.
- Best hanging basket, any kind—F. R. Mills.
- Best exhibit of ferns covering 100 square feet arranged for effect—Lynch Nursery Co.
- Best specimen nephrolepis—David Patterson.
- Best specimen adiantum—David Patterson.

Best table of orchids covering 60 square feet, arranged for effect—Walter Ellington.

Best specimen orchid—Walter Ellington.

Best collection of 12 plants of crotons—David Bassett.

Best collection of 12 plants of coleus—David Patterson.

Best six plants tuberous begonias—David Patterson.

Best 12 plants of cyclamen—Lynch Nurs. Co.

Best 12 plants of primulas—George Angus.

Best 12 any other flowering plant—Joseph McAuliffe.

Best specimen kentia—Henry Wright.

Best collection of chrysanthemums, 24 blooms, one bloom in each vase, not less than 18 varieties, grown outdoors—David Bassett, 1st; Rudolph Slama, 2nd.

Best collection of 12 novelties, 1914, 1915, 1916 introduction, one bloom in each vase—Lynch Nursery Company.

Best vase 25 blooms any one variety—David Patterson, 1st; Lynch Nursery Company, 2nd.

Best 12 vases of single chrysanthemums, 12 distinct varieties—John Aitken, 1st; David Bassett, 2nd.

Best vase 12 pompons, not less than six varieties—Harry Dick.

Largest bloom in the show, selected from any exhibit—Lynch Nursery Company.

Chrysanthemums—Private Gardeners Only.

Best collection 24 plants, not over 8-inch pots, not less than 12 varieties—David Patterson.

Best collection 12 plants, not over 6-inch pots, distinct varieties—David Patterson.

Best specimen any size pot—David Patterson.

Best collection 24 blooms, one bloom in each vase, not less than 12 varieties—David Bassett, 1st; David Patterson, 2nd.

Best collection 12 blooms, distinct varieties—David Bassett, 1st; John Aitken, 2nd.

Best vase 12 pink—Rudolph Slama.

Best vase 12 white—Rudolph Slama.

Best vase of 12 yellow—Rudolph Slama.

Best vase 12 red—Rudolph Slama.

Best vase 12 any other color—Rudolph Slama.

Commercial Growers Only.

Best collection chrysanthemums, 24 blooms, one bloom in each vase, not over 18-inch stems, not less than 12 varieties—Lynch Nursery Company, 1st; Frank R. Mills, 2nd.

Best collection 12 blooms, one bloom in each vase, not less than 12 varieties—Lynch Nursery Company, 1st; Henry Gortzhain, 2nd.

Best vase 12 pink—Lynch Nursery Company, 1st; G. Tyler, 2nd.

Best vase of 12 white—Lynch Nursery Company, 1st; Henry Gortzhain, 2nd.

Best vase 12 yellow—Lynch Nursery Company, 1st; Frank Mills, 2nd.

Best vase 12 any other color—Lynch Nursery Company, 1st; Harry Dick, 2nd.

Best collection of dahlias, 100 blooms, to include all types—Bessie Boston Dahlia Farm, 1st; George Nunn, 2nd.

Best 12 vases dahlias, distinct varieties—David Tuttle, 1st.

Best 12 vases decorative dahlias—Bessie Boston Dahlia Farm, 1st; George Nunn, 2nd.

Best 12 vases peony dahlias—Bessie Boston Dahlia Farm.

Best vase 50 blooms, any one variety—F. C. Burns.

Best 12 vases seedling dahlias—David V. Tuttle.

Best six vases collarettes, distinct varieties—Bessie Boston Dahlia Farm, 1st; D. Tuttle, 2nd.

Best vase 12 American Beauty—Hillsborough Nurseries.

Best vase Ophelia—Kenneth S. Murray, 1st; Hillsborough Nurseries, 2nd.

Best vase 100 blooms carnations, arranged for effect—Nels Peterson, 1st; F. R. Mills, 2nd.

Best six vases, six varieties, 12 blooms of each variety—N. Peterson, 1st; F. R. Mills, 2nd.

Best vase 25 blooms white—Frank Mills.

Best vase 25 blooms pink—N. Peterson, 1st; Frank Mills, 2nd.

Best vase 25 blooms red—N. Peterson, 1st; Frank Mills, 2nd.

Best vase 25 blooms, any other color—N. Peterson, 1st; Frank Mills, 2nd.

Best vase 25 blooms, any novelty—N. Peterson, 1st; Frank Mills, 2nd.

Best 50 tuberous begonia blooms, double—John M. Daly.

Best 50 tuberous begonia blooms, crested—George Angus.

Best 12 vases herbaceous flowers, distinct varieties—John Aitken.

Best 12 vases annuals, distinct varieties—J. Gould.

Best miniature garden, 36x48 inches—Percy Copp, 1st; David Patterson, 2nd.

Best collection of vegetables, arranged in a space covering 36 square feet—George Nunn.

Best 12 species, one variety of a species—John Aitken, 1st; Ted Dale, 2nd.

Best vase of chrysanthemums, arranged for effect—Lynch Nursery Company, 1st; David Patterson, 2nd.

Best vase of autumn leaves and flowers—Miss M. Donohoe.

Best basket of flowers, arranged for effect—Arthur Bearsby.

Best table decoration—Percy Copp.

Best vase of dahlias, arranged for effect—Miss M. Donohoe.

G. N.

Nassau County Horticultural Society.

The twelfth annual chrysanthemum show of the Nassau County Horticultural Society, which was held in Glen Cove, N. Y., November 2-3, was one of the finest exhibitions this society has ever held. The cut blooms exhibited were of the largest size and finest finish, while the various specimen plants and plant groups showed an acme of perfection that reflected the greatest credit on the skill of their growers. The roses, carnations and vegetables were of an equally high quality and competition in practically all of the classes was of the keenest. The various exhibits were most artistically arranged under the capable direction of Show Manager James Gladstone, ably assisted by James Holloway and Harry Goodband.

There were two groups of plants exhibited, each of which showed the most tasteful arrangement and brought forth many favorable comments. One was a group of chrysanthemum plants staged by Robert Jones, gardener for Percy Chubb; the other, a group of foliage and flowering plants entered by Robert Marshall, gardener for J. R. Delamar.

The classes for the double chrysanthemum standard and bush plants were both won by Robert Marshall, with James McCarthy, gardener for W. E. Kimball, second. The prizes for single chrysanthemums, standard and bush plants, were each won by James McCarthy, with Henry Gaut, gardener for Herbert S. Pratt, second. For six chrysanthemums in 6-inch pots, Robert Marshall was first and Robert Jones, second. For six chrysanthemum plants as grown for market, George Ferguson, gardener for Payne Whitney, first, and Robert Jones, second.

The prize for the largest bloom in the show was captured by Robert Jones with a massive William Turner. Mr. Jones also led in the number of prizes won, taking 17 firsts and six seconds. The classes for single and hardy chrysanthemums were well contested and many exceptionally fine varieties were exhibited. For 50 varieties of hardy pompons, Henry Gaut was first, with John Everett, gardener for John J. Pratt, second. The same exhibitors finished in the same order for the class of 12 varieties of hardy chrysanthemums.

Among others who were prominent in the list of prize winners were the following: W. A. Coe (Jos. Robinson, Gr.), J. H. Ottley (Thos. Flynn, Gr.), Frank Petroccia, William Noonan, George Ford and James McCarthy. The judges were Walter Angus, Ewen MacKenzie and Howard Nichols.

JAS. MCCARTHY, Cor. Sec'y.

Massachusetts Agricultural College.

On November 11-13, will be staged the biggest flower show ever seen at the college. Besides the 60 or more classes exhibited by the college, there will be 20 classes open to the local florists, and keen competition is looked for. Several of the Boston florists, among whom are H. M. Robinson, William Penn, and Thomas Galvin, have volunteered to send exhibits.

The department extends a most cordial invitation to the florists to visit the exhibition. Last year's attendance was over 3,000, and judging from the amount of interest already being shown in the show, this will be very much increased.

A joint meeting of the M. A. C. Club and the Northampton and Holyoke Club will be held Monday evening, and will be followed by a snappy social.

The junior classes have completed the work of reglazing and are now be-

ing given practice work in the potting of cuttings and bulbs. The violet house has just been planted by the senior classes.

Boston.

MARKET SHOWS SLIGHT IMPROVEMENT.

The market has advanced a slight degree as the large crop of early chrysanthemums is going off. Roses have been selling better, prices ranging from \$1 to \$16 per 100, according to quality and grade. Carnations also have advanced in price, \$3 being received for some. On Monday, November 6, \$2.50 per 100 was the average price for good blooms, although it is expected that the price will continue to rise. Chrysanthemums are coming better in quality, as the culls of the early crop have been practically cleaned up and the beginning of the late crop comes in. Bonnaffon, Chieftain and Razor are the three mainstays, the price being from \$1 to \$2 per dozen. Pompons and singles are selling better, three bunches for \$1 being about the average price. A few Paper White narcissi are seen and sell readily for \$2.50 per 100. Violets are rather slow sellers but the quality as yet is rather poor. The market, as a whole, seems to be growing stronger and it is expected that prices will be back to a satisfactory standard before long.

NOTES.

George Cartwright passed away at his home in Roxbury, November 2. He was the oldest salesman in the city market. He was born in England in 1854 and came to this country when nine years of age. He was in business growing flowers in Dedham for 25 years. Upon giving up his business he became a commission salesman of flowers, which he has been until his death. He was treasurer of the Boston Flower Exchange for 24 years. His sudden death was a great shock to his numerous friends as he was so well liked and respected by everyone. The market was draped in his memory, and a beautiful floral tribute was sent as a last expression of regard.

Wm. Elliot has the sympathy of his many friends in the death of his sister, Mrs. L. M. Miller, of New London, Conn.

Albany, N. Y.

CLUB MEETING.

When the members of the florists' club gathered at their meeting place for the November session they found the room adorned with two long tables on which were vases of chrysanthemums and roses. It had been announced that an exhibition would be held at this meeting, but, nevertheless, the members were surprised at the array that the growers had sent in. From A. N. Pierson, Inc., Cromwell, Conn., came two samples of the Yellow William Turner, which attracted much attention. For a commercial variety it has form and size hard to surpass and the comments upon it were most favorable. This firm also sent samples of Golden Gleam, Josephine Foley (white, incurved), and a few other better known varieties. From the conservatories of George C. Hawley, 994 Madison avenue, (Earl Shaw, superintendent), came a large vase of several varieties, among which were included: Mrs. Louise Rousseau (lavender); William Turner, (white); Nerissa, (lavender); Rayonarte, (lavender, reflex); William Vert, (red); Mrs. G. Kelly, (red); Glenview, (bronze); Mrs. Paul Moore, (yellow); Daily Mail, (yellow); Mrs. N. Stevens, (variegated), and Nakota, (yellow, in-

curved). Frederick A. Danker furnished some vases of roses including: Richmond, Ward, Ophelia, Pink Killarney, Mock, Francis Scott Key, Sunburst, and Double White Killarney. From Geo. C. Hawley's houses there were on exhibition: Red Radiance, Hoosier Beauty, Francis Scott Key, Hadley and Russell roses. Holmes Brothers (William Newport, Gr.), sent in three varieties of commercial chrysanthemums: Charles Razer, (white); Roman Gold and Chieftain, (white). Fred Golding, Slingerland, showed a vase of the new pink orchid sweet pea, Yarrowa.

For the annual election to be held December 7, the following nominations were made by two special committees named by President Thomas F. Tracey: Regular—For president, Charles Sanders; for vice president, John J. Haggerty; for secretary-treasurer, Robert Davidson; for trustees, two years, Albert Jenkins, R. W. Bilson and Harry Nelson. Opposition—For president, Edward P. Tracey; for vice president, Earl Shaw; for secretary-treasurer, Robert Davidson; for trustees, two years, John A. Murnane, William Christie and Frank Williams.

President Tracey reported on a meeting of the retailers, held October 30, at which 14 were present. The retailers discussed discounts granted to undertakers, advertising, the marketing of surplus stock and other problems that confront the storemen. F. A. Danker was chairman of this meeting. The retailers adjourned after deciding to meet again at the call of Chairman Danker.

For the opening week in November Thomas F. Tracey, manager of the Albany Cut Flower Exchange, wholesale, reported a surplus of chrysanthemums, roses and carnations. This condition, he said, is a temporary one at this time of the year. R. D.

New York Notes.

At the store of the S. S. Pennock-Meehan Co. we have recently noticed fine stock of the new red rose, Montrose. The excavations under this firm's store are completed and they now have a fine moisture proof basement with a concrete floor, which gives them twice as much room, which was greatly needed. Manager Rigby is not a very large man, but he has the brains.

The finest Hadley roses reaching this market are at William P. Ford's, 107 West 28th street. Some of the stems are more than three feet in length and they are equal, if not superior, to American Beauties. He is also handling a particularly fine line of pompons.

The MacNiff Horticultural Co. continues to be very successful with its auctions and is also doing a good counter trade. On the Noordam, which arrived from Rotterdam last week, they had a heavy consignment of box, rhododendrons and rose bushes.

The Late Charles R. Panter.

Charles R. Panter, a well-known florist of New Orleans, La., correspondent for THE AMERICAN FLORIST, in that city, for nearly a third of a century secretary of the New Orleans Horticultural Society, and at the time of his death inspector of local markets, died at his home, 2320 Calhoun street, October 23. He was born in England 54 years ago. On coming to this country, after being honorably discharged from the British army, having served in India, he first located in Texas, but settled in New Orleans over 30 years ago. He is survived by a widow and six children.

THE AMERICAN FLORIST

ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time. Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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American Rose Society.

The rose here described has been offered for registration by Fred Breitmeyer, Mount Clemens, Mich.

Rose Pink Ophelia.—Color a beautiful shade of rose pink. A sport from Ophelia, but a stronger and more vigorous grower than the parent. Originated with us two years ago.

BENJAMIN HAMMOND, Sec'y.

Personal.

E. O. Orpet is leaving Lake Forest, Ill., for a much needed rest, planning to go to the Pacific Coast. Mrs. Orpet goes also and they take with them the good wishes of the many acquaintances made while at Lake Forest, where Mr. Orpet has been for six years the superintendent of the property of Cyrus H. McCormick.

Frederic W. Taylor is now supervising an engineering project at Tucson, Ariz.

Society of American Florists.

DEPARTMENT OF PLANT REGISTRATION.

Public notice is hereby given that as no objection has been filed, the following registration becomes complete: Rose, Mrs. Sarah Yeats, by J. E. Yeats, Champaign, Illinois.

JOHN YOUNG, Sec'y.

October 28, 1916.

Johnson's Chrysanthemums.

C. W. Johnson, the well known Chicago specialist, has secured a marvelous crop of new seedling chrysanthemums of the large flowering types this season, more than a dozen of which will take rank with the best show in commercial varieties. In addition Mr. Johnson has a goodly array of high-grade novelties in singles and pompons. Some of these productions are on exhibition at the Philadelphia show of the national society this week.

Chrysanthemum Society of America.

REPORTS OF EXAMINING COMMITTEES.

Philadelphia, Pa., October 28.—Gorgeous, Daphne-red, small flowered single, scored 79 points; Delicata, cameo-pink, large flowered single, scored 86 points; Rosamundi, Persian lilac, shading to pink, large-flowered single, scored 88 points; exhibited by Henry F. Michell Co., Inc., Philadelphia, Pa. Miss Anola Wright, pink, Jap incurved, scored 85 points commercial; Smith's Imperial, white, Jap incurved, scored 89 points commercial; exhibited by Elmer D. Smith & Co., Adrian, Mich. Mrs. C. C. Pollworth, yellow, Jap incurved, scored 89 points commercial; exhibited by C. C. Pollworth Co., Milwaukee, Wis.

Chicago, October 28.—Smith's Imperial, white, Jap incurved, scored 94 points commercial; Yondota, pink, Jap incurved, scored 88 points commercial; October Herald, bronze yellow, Jap incurved, scored 93 points commercial; exhibited by Elmer D. Smith & Co., Adrian, Mich. Niphetos, white, Jap incurved, scored 90 points commercial; Richmond, yellow, incurved, scored 91 points commercial; exhibited by E. G. Hill Co., Richmond, Ind. Mrs. C. C. Pollworth, yellow, Jap incurved, scored 89 points commercial; exhibited by C. C. Pollworth Co., Milwaukee, Wis.

CHAS. W. JOHNSON, Sec'y.

Coal Prices Soar.

It was predicted in New York, October 30, by men in touch with the situation that anthracite coal would be selling at from \$12 to \$15 a ton within a short time. Frederick W. Saward, general manager of the "Coal Trade Journal," said the only relief in sight was likely to come in December, when some 300,000 tons that are carried over the Great Lakes probably will come to New York when weather conditions divert that amount to the east. Under the caption "The Coal Shortage in 1916 Outstrips 1902" the "Black Diamond" says:

"A coal shortage east of the Indiana-Ohio line is far greater than that experienced even in 1902. Prices are rising. They have now sustained a high level for a longer period than in 1902. They are just about as high as they were then. Further, the situation is operated upon by far more complex conditions today than was the case 14 years ago. As a result, the present situation is altogether far worse than it was then.

"Frantic efforts are now being made on the part of coal users, transportation companies and coal mines to meet the present situation. These efforts are not making much, if any, headway against what is growing to be a national calamity."

Retail prices for anthracite are now quoted at between \$8 and \$9 per ton for stove, nut and egg coal, pea coal \$7 and buckwheat \$5.50 per ton. These show an advance of from \$1 to \$2 per ton in the last few weeks. Soft coal from \$3.40 per ton in September has doubled in price. On October 31, hard coal in domestic sizes sold for \$12 a ton and it was stated that it may go to \$20 a ton.

It is stated from Montreal that on account of the high price of coal, owners of Canadian peat beds are preparing to put it on the market as fuel.

As a sidelight on the coal situation, Dr. Albert Hale, American attache at Buenos Ayres, writes that the Argentines are paying from \$20 to \$40 per ton for coal, much of which comes from the United States, and they can not get all they want at these prices. Before the war most of their coal came from Great Britain and Australia.

Chicago to Bloomington.

The fall flower show of the Illinois State Florists' Association will be held at the Coliseum, Bloomington, November 9-10. Treasurer Frank L. Washburn of the state organization advises that the Chicago & Alton gives the best service between that city and Chicago. The train schedule from Chicago to Bloomington is as follows:

Leave—	Due—
Chicago 9:00 A. M.	Bloomington 12:55 P. M.
Chicago 10:15 A. M.	Bloomington 1:20 P. M.
Chicago 12:01 P. M.	Bloomington 3:15 P. M.
Chicago 1:15 P. M.	Bloomington 5:15 P. M.
Chicago 6:30 P. M.	Bloomington 9:40 P. M.
Chicago 9:00 P. M.	Bloomington 12:55 A. M.
Chicago 10:20 P. M.	Bloomington 1:10 A. M.

The fare from Chicago to Bloomington is \$2.54, round trip \$5.08. This is the flat two-cent rate and there is no party or other reduced rate between these points. The train leaving the Union Station at 10:15 a. m., Thursday, November 9, has been selected for the Chicago delegation and it is hoped our city and club will be well represented, the Bloomington show being the only one of importance in the state this year.

The regular meeting of the Chicago Florists' Club has been postponed to November 16, especially to permit members to attend the Bloomington exhibition and meeting of the state association.

Luncheon will be served at Bloomington, Thursday evening, November 9, at seven p. m.

Cook's New Rose.

The following item has been going the rounds of the daily papers, the subjoined being taken from the New York World of November 4:

Harrisburg, Pa., November 2.—Search is being made for a name for a new rose, developed by John Cook, aged eighty-two, of Baltimore, and brought here to be photographed by J. Horace McFarland, editor of the American Rose Annual.

Cook values the rose at \$15,000. Specimens have a diameter of more than five inches. The color is pink. McFarland speaks of the rose as a sort of "glorified La France."

Experts say the Cook rose ranks with any rose produced in America and may stand ahead of all.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By experienced American Beauty rose grower. Address
Key 715, care American Florist.

Situation Wanted—By expert carnation grower and propagator; long years of practice; could take charge of big place and show good results. Address
Key 722, care American Florist.

Situation Wanted—Expert gardener seeks engagement on first-class estate. All references. Good wages expected in return for guaranteed results. Address
Key 702, care American Florist.

Situation Wanted—By single man age 27; 12 years' experience as gardener and florist; also decorator. Private place preferred. Best references, private and commercial. Address
Key 689, care American Florist.

Situation Wanted—Young experienced salesman and designer is open for engagement in Chicago. Will consider \$18.00 per week to start. Ready to begin work immediately. Address
Key 721, care American Florist.

Situation Wanted—As working foreman on big commercial place growing roses and carnations; long experience and scientific practice; can handle men; sober and industrious; good references. Address
Key 705, care American Florist.

Situation Wanted—Superintendent - gardener (head) seeks position: country estate; temperate; excellent greenhouse manager; landscape artist; knows live stock, engines; life experience; best references. Address
A. PAWLITZ,
17 Vine St., Roxbury, Boston, Mass.

Situation Wanted—Designer with executive ability and experience in growing desires responsible position; experience and credentials that assure results. Ohio preferred but will consider good proposition; young married; a hustler. Address
Key 710, care American Florist.

Situation Wanted—By Scandinavian, single, with over 20 years' experience in Scandinavia, England, Germany and America. Several years in charge of Greenhouses and outside. Cut flowers, forcing and propagating a specialty. Well up in care of parks. References are good. Address
Key 717, care American Florist.

Situation Wanted—By Japanese graduate of horticultural school; experience in Japan and America; cut flower forcing and propagating a specialty; expert grower of carnations, Easter lilies and all kinds of spring stock; temperate. Address
T. TANAKA,
2330 Calumet Ave., Chicago.

Telephone Calumet 3552.

Situation Wanted—Seedman wants situation: expert on grass, clover and field seeds; reliable vegetable and flower seedman; languages German, French and English; either in office, field, warehouse or on road; practical grower, with extensive European and American field and office experience; good catalogue and advertising man. Address
R. GERARD, Ulster Park, N. Y.

Help Wanted—Several florists wanted; young men with experience; reliable; steady position. Apply to
HOTEL BILTMORE, Florist Dept.,
Madison and Vanderbilt Aves., New York.

Help Wanted—Saleslady and designer for large town, 50 miles from Chicago. \$12.00 per week to start. Address
Key 000, care American Florist.

Help Wanted—Head gardener and outside vegetable grower; long time job to right man that can show results. Address
COLEMAN, THE FLORIST, Sioux Falls S D

Help Wanted—Two good rose growers for modern plant in Illinois; state wages, experience and enclose references in first letter. Address
Key 693, care American Florist.

Help Wanted—Experienced man for roses, carnations, chrysanthemums and general stock; required on private place; state salary and experience. Address
Box 424, Bettendorf, Iowa.

Help Wanted—Good salesman and designer for Chicago retail store. Must come well recommended.
THE ROSERY FLORIST, 6772 N. Clark St.,
Chicago, Rogers Park 4447.

Help Wanted—At once, a young man with technical knowledge of general nursery stock and experience in making quick planting plans. This position offers a good future. Address
Key 687, care American Florist.

For Rent—Greenhouse for rent, 8,000 feet of glass, shed, living house. Rent, \$32.00 per month. Stock, \$400. 10 miles from Chicago loop. Address
Key 691, care American Florist.

For Sale—Chicago flower store on prominent north side street. Good opportunity for live florist. Address
A. C. KOHLBRAND,
174 North Wabash Avenue, Chicago.

For Sale—Greenhouse and 6-room residence—big lot, no competition; all closed up; owner old lady; \$1200.00. Small payment; long time on balance. Address
C. P. WALDO, Chillicothe, Ill.

For Sale—Two greenhouses, two acres of land; five-room dwelling, bath, modern improvements; fine water supply; Washington, D.C. suburb, on car lines. Apply
C. LUCKEY,
2041 5th Ave., New York.

For Sale—Established flower store in Loop. Long lease, low rent, owner cannot give attention to business. Small amount cash required. This is a gold mine for a live florist. Address
Key 706, care American Florist.

For Sale—High class flower store, with small greenhouse; located near Chicago; doing good business; reason for selling, wish to retire; \$1000 cash, balance on reasonable terms. Address
Key 703, care American Florist.

For Sale—Florists' delivery wagon, in tip-top condition and newly painted, for \$150 cash. Wagon cost \$1,200 new, and is an exceptional bargain. Act quick.
A. H. SCHNEIDER FLORAL CO.,
1048 Lake St., Oak Park Ill.

For Sale—Owing to the fact that my store in the Palmer House needs my personal attention, I will sell my new place in the Edgewater Beach Hotel, Chicago, to some responsible party at very reasonable terms. Big bargain for a live wire. Act quick.
JOHN MANGEL,
17 East Monroe St., Chicago, Ill.

For Sale—Old established florist business three greenhouses attached, \$2,500; nothing for good will; stock of plants, implements, horse, wagons, fixtures and supplies will invoice the amount; near hotels and large theatres, 15 minutes from loop. Address
GEORGE C. WAGNER,
3116 Indiana Ave., Chicago.

For Sale or Rent—Cheap; 7,000 feet of glass, planted to chrysanthemums, carnations and sweet peas. Houses are new, 60 miles from Spokane, Wash. Present owner does not understand business. Doing good business. Address
Key 712, care American Florist.

For Sale—Greenhouse property, consisting of 25,000 feet of glass; modern construction; seven acres of good land; good buildings and improvements; a few hours out of Kansas City; excellent opportunity for wholesale opening to south-west; at present houses fully stocked and doing good wholesale and retail business; a bargain. For full particulars address
Key 716, care American Florist.

Situation Wanted

By an all-'round practical man, with 18 years' experience in growing, designing, decorating and salesmanship; married and American-born. Address
Key 711, care American Florist.

Situation Wanted

Good all-around storeman. Expert salesman, designer and decorator. Chicago preferred. Address
Key 717, care American Florist.

Help Wanted

An all-'round seedsman, a man that knows the varieties—one that can sell, and a man that will make himself useful around the store. Will pay liberal salary to right man. No novice need apply.

O. P. JACKSON & COMPANY, Houston, Tex.

FOR SALE

Bargain, 1914 Buick Six, self starter, equipped with electric lights, etc. Good condition. Cost \$2,150 new.

Key 713,
care American Florist.

Florists' Auto Truck For Sale.

Fine, newly painted, 1916 model, Studebaker 34-ton, panel body truck for florists' business. Equipped with electric starter and lights, heating system, sides lined shelving, and front partitioned. Has been in use but six months and is in fine running condition.

Special Auto Delivery Service,
4835 Kenmore Ave., CHICAGO.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 1/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

NEW EDITION—Issued August, 1916.

TRADE DIRECTORY

Florists, Nurserymen and Seedsmen

OF THE

UNITED STATES AND CANADA.

Price \$3.00, Postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

BULBS

Pick these Bulbs up while they last at these low prices. These Bulbs were selected by our own representative in Holland and the quality is right. Order your supply from us now for the outlook for a large flower business this coming season is very promising.

SURPLUS DARWIN AND LATE FLOWERING TULIPS

	Per 1,000
Miss Wilmot	\$10.00
Farncombe Sanders	14.00
Gesneriana Lutea	11.00
Gesneriana Sphat	9.00
Gretchen	8.50

SINGLE AND DOUBLE TULIPS.

White Hawk	\$13.50
Parisian Yellow	13.50
Couronne D'Or	17.00
Tournesol, red and yellow	17.00
Prince of Austria	12.00
Cramoisi Brilliant	8.00
LaReine	7.25
Keiserskroon	12.50
Yellow Prince	9.00
Grape Hyacinth Blue	6.50

FIRST SIZE HYACINTHS

\$38.00 per 1,000

Grand Lilas.	Grand Blanche.
Rose A. Merville.	Johan.
Grand Maitre.	General DeWet.
Lady Derby.	L'Innocence.
LaGrandesse.	

SECOND SIZE HYACINTHS

\$25.00 per 1,000

Grand Vainqueur.	King of the Blues.
Grand Blanche.	Queen of the Blues.
L'Innocence.	Gertrude.
LaGrandesse.	Marie.
Plimsoll.	Princess Wilhelmina.
Cardinal Wiseman.	Johan.
Gigantes.	LaPeysse.
Robert Steiger.	Roi des Belges.
Lady Derby.	Rose A. Merville.

MINIATURE HYACINTHS

\$14.00 per 1,000

Potgieter.	Robt. Steiger.
Roi des Belges.	Cardinal Wiseman.
Baron Von Thyull.	

NARCISSUS

Per 1,000

Golden Spur, double nose	\$20.00
Golden Spur, single nose	13.00
Empress, double nose	20.00
Princede, double nose	10.00
Princede, single nose	7.00

LILIIUM GIGANTEUM.

True type, best in the country

	Per case
6x 8, 400 to case	\$15.00
7x 9, 300 to case	15.00
8x 9, 275 to case	17.50
8x10, 250 to case	18.00
9x10, 200 to case	19.00

FRENCH BULBS

Ready for immediate delivery Per 1,000

Paper White Grandiflora, 1250 to case	\$12.00
Paper White Grandiflora, 1000 to case	16.00
French Trumpet Majors, 2200 to case	15.00
French Freesias, Mammoth	8.00

AMERICAN BULB CO.,

IMPORTERS OF FLORISTS' NECESSITIES

172 N. WABASH AVE.,

Phone—Randolph 3316.

CHICAGO, ILL.

St. Louis.

HEAVY SUPPLY AND PRICES LOW.

The market during the past week was in excellent condition. All flowers—with chrysanthemums in the lead—are to be had at a low price. The weather was very warm, a little too warm for November, and the market is overloaded with stock. The chrysanthemums are arriving in big quantities from local and out-of-town growers. The best are sold at \$10 per hundred, with inferior grades quoted as low as \$3. Roses are offered at buyers' prices. The best, of course, are in good demand and are bringing moderate figures. The best Russell brought \$15 per hundred. American Beauties are popular too and are bringing the usual price. The best \$4 per dozen—and other grades as low as \$5 per hundred. Carnations are arriving in big quantities with few buyers. The best, which for this time of the year, are of very good quality, brought \$1.50 per hundred; the inferior grades as low as \$4 per 1,000. All varieties of pompons are in demand and the prices are fair. Violets are in demand for a low price. The quality is fairly good. Lilies and rubrums cleaned up fairly well at \$8 per hundred. Lily of the valley is scarce with a big demand, the best bringing \$6 per hundred. All kinds of greens cleaned up very well at the usual prices.

NOTES.

The spring flower show committee is busy with all chairmen of different sub-committees on the job. One philanthropist, who did not wish to mention his name, has taken up the matter with the trustees of the show, to have all school children attend the show, is willing to pay a gross admission for the same. The United Railway Co. has offered free transportation to all children.

The talk of the city for last week was the wedding of Miss Marie Busch, daughter of August Busch, of Anheuser-Busch brewery. The daily press reported the price of the decorations as \$20,000, but Vincent J. Gorly did not want to say how many times the said sum had to be divided. About 4,000 lily of the valley and same amount of white roses with 500 long stemmed American Beauties and Shawyers were used.

At the establishment of H. G. Berning everybody is busy. Henry is smiling, although the stock fails to bring the price it ought to. Russells from Gullett & Sons' range, Lincoln, Ill., are to be had here in quantities.

Koenig Floral Co. has opened a branch store at 800 North Grand avenue. On the opening day, besides cut flowers, they had a special sale of Boston ferns—selling a good 7-inch fern for 50 cents. They did well.

C. A. Kuehn has a fine supply of all seasonable stock, especially of chrysanthemums, roses, lilies and lily of the valley. His house is known to retailers as headquarters for the last named.

W. C. Smith Wholesale Cut Flower Co. has arranged for an annex, where it has a fine stock of chrysanthemums, plants out of the greenhouses in St. Louis county.

The windows at Mullanphy Florists' downtown store were splendidly decorated in national colors, with pictures of both presidential candidates in the center.

Foster, The Florist, had his fall opening October 30-31. He gave away 23,000 flowers, but the business was so good, that Fred claims it paid him.

Windler's flower shop on South Grand avenue, is very attractive in new fall decorations. Joe Windler reports a good trade.

G. H. Angermueller is receiving shipments of fine chrysanthemums from Indiana growers.

Al. Gumz, with Windler & Co., seems always to be busy. They report business good.

Andrew Meyer, Jr., has a good business, especially in funeral work.

Visitor: Morris Levine, of Lion & Co., New York. X. Y. Z.

Oklahoma City.

TRADE GOOD IN ALL BRANCHES.

The social season is now in full swing and the florists are happy, if slightly overworked. The annual dance of the Joi de Vie club was held October 27, and the big football game between Missouri and Oklahoma was played here on October 28. Storemen say that business is very good all round. Not only is there a good call for flowers, but decorative and flowering plants are selling well, as also are bulbs for fall planting.

NOTES.

The decorations for the Joi de Vie dance were placed by the Stiles Co. The principal feature of the decoration was a garden scene with rustic arbors and real flower beds. Of course, every one who attended wore flowers, the best obtainable, and the retailers had about all the business they could attend to on that day. For the football game, chrysanthemums were in great demand; in fact, there was not enough of the large flowers to meet it; the Missourians carried a yellow flower with a black bow; the Oklahomans carried a white flower with a red bow, and all the flowers suitable for the purpose were disposed of.

Some of the florists are contemplating going to Dallas, Tex., to attend the flower show, November 15-17.

S. S. B.

The American Florist
AUTUMN
NUMBER

TO BE ISSUED

NEXT WEEK

JUST RIGHT FOR THE

THANKSGIVING AND HOLIDAY TRADE

— The Best Paid —


CIRCULATION

— To the Trade in the Trade —

**The Prosperous Times and Depleted Stocks
MAKE GOOD DEMAND FOR
Plants, Cut Flowers and All Florists' Supplies**

Rates as usual, \$1.00 per inch, single column width; \$30.00
per page of thirty inches. Usual discounts on time contracts.

**American Florist Co.,
440 S. Dearborn St., CHICAGO.**

 Please mail advertisements early.

The Florists' Supply House of America

If you are looking for the best in Florists' Supplies

Get Our Latest Folder IT'S WORTH HAVING

Over Two Million Yards of Chiffon just received; all colors, all sizes. Our Folder gives the price. Send for it.

H. BAYERSDORFER & CO.,
1129-1131 ARCH STREET, PHILADELPHIA, PA.

Mention the American Florist when writing

State Florists' Association of Indiana.

Members of the State Florists' Association of Indiana spent a most enjoyable day November 2, the occasion being a visit to their fellow craftsmen at Richmond, Ind. After an inspection of the E. G. Hill Co.'s range, where new chrysanthemum varieties, both large and small, together with about 10,000 rose seedlings were seen in fine form, the Jos. Hill Co. and the Graves establishments, which is now under the management of the former, were visited. The main crops here are roses, carnations and chrysanthemums, but there is also a fine line of miscellaneous stock also grown here specially for this firm's Cincinnati store. Other places of interest visited were: Advance Co., the John A. Evans Co., Fulle Bros., Edward Ruch, Fred. H. Lemon & Co., and Edward Ruch.

Assembling at the Knights of Pythias hall, a straw vote was taken which resulted in the election of Hughes, New, Watson and Goodrich by a large majority, followed by a splendid dinner, E. G. Hill presiding in the absence of President Vesey and both vice-presidents of the association. Elmer D. Smith, of Adrian, Mich., upon request of the chairman, spoke of his work and told of the new creations in chrysanthemums, encouraging others to strive for new varieties. Mr. Davis, of Des Moines, Ia., told many interesting things in regard to cucumber growing at his ranges. Other speakers were John Frees, Ed. Forder and J. A. Peterson, Cincinnati, O.; John Hartje, Indianapolis, Ind.; Fred Hinnel, Terre Haute, Ind., and Robt. Newcomb, Chicago, the latter speaking in glowing terms of the Florists' Telegraph Delivery and the things accomplished at the recent meeting in Chicago.

After electing Frank Ball of Indianapolis and Mr. Snyder of Greencastle, upon motion of A. F. J. Baur, Professors Sayre and Woodberry of Purdue University were elected unanimously to honorary membership in the association. Professor Sayre was then called upon to talk on the experimental work being conducted at the university.

Mr. Baur urged all of the guests from out of the state to encourage a

LATE SHIPMENT of DUTCH BULBS

The Choicest Stock, Specially Selected.

HYACINTHS, TULIPS, NARCISSI, ETC.

THE W. W. BARNARD CO., Seedsmen
231-235 W. Madison Street, CHICAGO

large attendance at the meeting of the American Carnation Society to be held at Indianapolis, January 31-February 1.

Z. von Hartin of Holland, gave a short talk on the contrast between the goodfellowship of the American florists and the jealousy existing between those of the old country. A short address by Mr. Hill closed the session.

Visitors from out of the state included the following: J. A. Peterson and wife, Roger W. Peterson, E. G. Gullett, John Frees, Frank Volz, Ed. Forder, Ed. Schumann, Wm. Schumann, D. Rusconi, Ed. Frees, P. J. Olinger and Wm. S. Speck, all of Cincinnati; Elmer D. Smith and wife, Adrian, Mich.; Mr. Davis of Des Moines, Ia.; C. H. Trefflinger, Van Wert, O.; Z. von Hartin, Holland; Robert Newcomb, Joseph Marks and C. O. Wilcox, Chicago. M. E. T.

Detroit.

CHRYSANTHEMUMS GLUT MARKET.

A chrysanthemum glut of unprecedented proportions, with unseasonably warm weather and slow demand, are the striking features of the market situation now and during the past ten days. The mild weather has advanced the main crop of medium and even late varieties from 10 days to two weeks or longer, and the result is paralyzing business. Saturday, November 4, many retailers had special

sales of chrysanthemums at greatly reduced prices in an effort to stimulate trade and move the constantly increasing supply. This was successful in reducing the stock, but the growers complained of the returns, although realizing the fact that no blame attaches to the retailers. They are hopeful for colder weather, the end of the local election disturbance and the restoration of normal business. Roses, too, are arriving daily in increasing numbers and the quality is fully up to the standard, but they meet the same fate as the "autumn queen." Carnations are scarce, but their scarcity is not felt so keenly when the other items are so plentiful. Violets are fine for such warm weather and they meet with fair sale in the face of the unfavorable situation. The short supply of snapdragons is easily disposed of, as the stock is good and particularly attractive. Some of the florists are disposing of many bulbs for fall planting, and this, too, in spite of the fact that the department stores as well as the 5 and 10-cent stores are offering the same varieties for less than half the prices asked by florists. J. F. S.

CLEVELAND, O.—Wood & Co., 10615 Euclid avenue, have taken a long lease on the premises at 12201 Euclid avenue and will erect a warehouse in the rear.

Rose Bushes, Rhododendrons, Lilacs Etc.

Of All Kinds. To Be Offered at **AUCTION AND PRIVATE SALES**

Auction Sales Days: **TUESDAYS** and **FRIDAYS** of each week at 10 o'clock a. m.

Also PALMS, FERNS, DRACAENAS, RUBBERS, Etc.

To be offered in lots to suit the large and small buyer. Send for Weekly Catalogue.

The MacNiff Horticultural Company

52 to 56 Vesey Street, NEW YORK

The Largest Horticultural Salesrooms in the World

Pittsburgh.

CHRYSANTHEMUMS FLOOD MARKET.

Somebody predicted there would be a glut of flowers, and it has come—all seasonable varieties are flooding the market, especially chrysanthemums. It seems as if they were all coming in at once and as there is small demand prices have dropped out of sight. Business has been very poor, but it seems a shame to sell stock at the figures it brought last week and all growers will be disappointed with their returns. However, the wholesale houses were loaded and sales had to be made as the morrow would bring in additional heavy consignments. Roses sold at the lowest prices, the very best Killarneys being quoted at \$4 per 100; \$30 per 1,000. Very few thousand lots were sold, we might add. American Beauty could not be moved at all except for some special occasion, and then at bottom figures. Carnations sold as low as \$15 per 1,000. When they were to be had, nobody wanted them. This is the first time this year that they were plentiful, but chrysanthemums were as cheap and go further. Pompons are plentiful and sell as low as 15 cents per bunch. There has been no good Chrysolora on the market this year. What few are seen are soft with very small flowers that fall even with the most careful handling. Some good Mrs. M. R. Morgan and Bonnaffon are to be had and command good prices, especially the former, the stock being the finest seen here this year. They sell at \$40 per 100 and the supply is short of the demand.

NOTES.

The Sewickley flower show closed November 5. The managers report it a very successful affair and it will become an annual feature in the Beaver valley. A complete list of the prize winners will be published next week. The new chrysanthemum, Mrs. M. R. Morgan, won first prize at this show.

This city celebrated its one-hundredth charter anniversary last week. Nearly all of the florists, as well as the city parks, had decorated floats in the parade, and their work received many compliments.

The E. C. Ludwig Floral Co. won first prize for the finest decorated float in the Hallowe'en celebration of the North Side Chamber of Commerce; also first prize in the charter centennial parade.

The McCallum Co. will send exhibits of Chrysanthemum, Mrs. M. R. Morgan, to the Lancaster, Philadelphia and Bloomington flower shows.

Randolph & McClements are cutting excellent Chieftain and Yellow Bonnaffon chrysanthemums at their Stanton avenue range.

DeForest Ludwig, who is in California on his honeymoon, has been appointed secretary of the Los Angeles flower show.

M.

Kansas City, Mo.

STEADY IMPROVEMENT IN BUSINESS.

Business is good and keeps on the up-hill climb. The supply is getting larger daily, and while prices are somewhat lower, stock keeps moving and little is wasted. Chrysanthemums are to be had in large quantities and the quality is good. Roses continue plentiful, but seem to hold back at present owing to the chrysanthemum season. Carnations are used quite freely in the cheaper classes of work. Violets and lily of the valley have a good call and pot chrysanthemums are in good demand.

NOTES.

The Wm. L. Rock Flower Co. has secured a restraining order to prevent further blasting near their greenhouses on Troost avenue. They have lost so far more than 1,640 panes broken, over 1,000 lights cracked, in addition to the damage to stock from falling glass, to say nothing of the dust. They have had to keep a glazer continually at work replacing the shattered lights.

W. J. Barnes has a heavy crop of chrysanthemums, but they move out as fast as they are cut. Pot plants are also in good demand. The call for funeral work is fair, while decorating is good, with several good orders in view.

A. Newell finds a ready sale for all the pot chrysanthemums he can get hold of. Orders for funeral work and decorations have been heavy and business in general is moving along in fine shape here.

H. Kusik & Co. report trade both local and out-of-town showing nice improvement. A fine line of chrysanthemums, carnations, roses, violets and lily of the valley are features of the stock here.

Samuel Murray has a window display of pot and cut chrysanthemums, arranged with the usual good taste that always attracts attention to his handsome store. He reports very good business.

Peterson Floral Co. reports a fine business in shrubs which they are handling this year for the first time. Business on the whole is very good, with a heavy sale in chrysanthemums.

Hydrangeas

	Per 100
3-inch.....	\$ 7.00
4-inch.....	20.00
5-inch.....	30.00
6-inch.....	40.00



GERANIUMS

Prepare for the usual shortage of the best commercial varieties. Order now for November, December, January or February delivery of the following from 2-inch rose pots:

Poitevine,	Maryland,	Ricard,
Perkins,	S. A. Nutt,	Buchner,
E. G. Hill,	Alliance,	Thibaut,

\$22.50 per 1000 for all orders booked before November 10. At this price they are cheaper than rooted cuttings.

S. S. PENNOCK-MEEHAN COMPANY
PHILADELPHIA, 1608-1612 Ludlow St.
BALTIMORE, Franklin and St. Paul Sts.
WASHINGTON, D. C., 1216 H St., N. W.
NEW YORK, 117 W. 28th St.

Mention the American Florist when writing.

Miss J. E. Murray is still confined to her home on account of illness. Her sister, Miss Grace, who is in charge of the store, reports business very good.

Geo. M. Kellogg Flower & Plant Co. have good stock in both roses and chrysanthemums. Sales in all departments are good.

The Col. Appleton chrysanthemums, which are being sent to this market by Jacob Hepting, are the best in the city.

Ed. Humfeld has a big showing of chrysanthemums of the finest quality daily. He had a heavy run of funeral work and decorations.

T. J. Noll & Co. report stock plentiful and moving well. Both local and shipping trade is very satisfactory.

Visitor: Mrs. R. E. Everett, Pawhauka, Okla. E. J. B.

ATLANTIC CITY, N. J.—The Gensheimer Flower Shop has opened at 2608 Atlantic avenue.

QUINCY, ILL.—The firm of Gentemann Bros., has made a change in the business which will now be conducted under the name of Gentemann Floral Co.



BIG CROP OF ROSES AND CARNATIONS

WILD SMILAX, LEUCOTHOE, MEXICAN IVY and FERNS.

Also FANCY HYBRIDUM and FARLEYENSE.

WINTERBERRIES and BOXWOOD are now in and ready for immediate delivery.

CURRENT PRICE LIST—In Effect Now.

AMERICAN BEAUTIES.		Per doz.
Long	\$4.00 to \$5.00	
30-inch	3.00	
24-inch	2.50	
20-inch	2.00	
15 to 18-inch	1.50	
Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00.		

OPHELIA, RICHMOND, MILADY, SUNBURST,
KILLARNEY BRILLIANT, KILLARNEY,

WHITE KILLARNEY, WARD.

		Per 100
Long	\$8.00	
Medium	\$4.00 to 6.00	
Short	3.00	

ROSES, good short—our selection. In lots of
500 to 1,000, \$20.00 per 1,000.

MRS. CHAS. RUSSELL.		Per 100
36 inches long	\$20.00	
30 inches long	18.00	
24 inches long	15.00	
18 to 20 inches long	12.00	
14 to 16 inches long	8.00	
Short	\$4.00 to 6.00	

MINIATURE ROSES.

Cecile Brunner	per 100, \$2.00 to 4.00
Fireflame	per 100, 2.00 to 4.00
Baby Doll	per 100, 2.00
George Elgar	per 100, 2.00

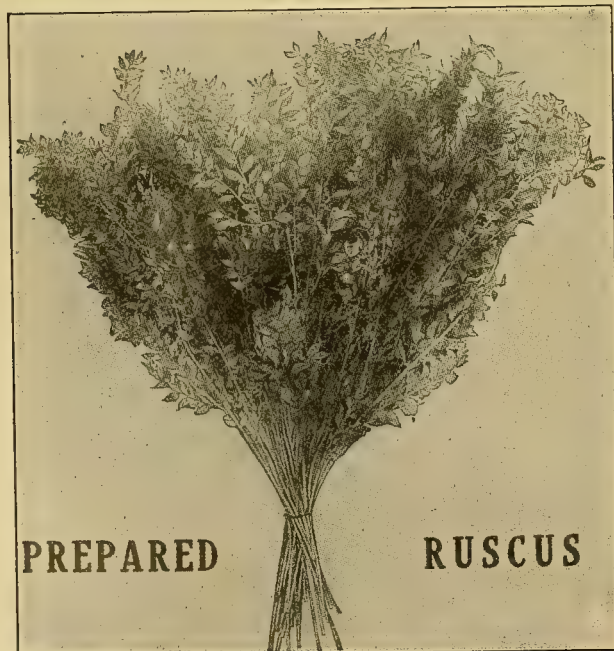
FANCY CUT FERNS.

		Per 100
Farleyense	\$8.00 to \$12.00	
Hybridum	1.50	
Adiantum .....	.75 to 1.00	

MISCELLANEOUS CUT FLOWERS. I
CHRYSANTHEMUMS, per doz., \$1.50 to
POMPONS, per bunch50c
CATTLEYS, per doz.\$5.00
VALLEY\$5.00
PAPER WHITES\$2.00 to
CARNATIONS\$2.00 to
LILIES\$1.00 per bunch.
Gypsophilla, \$1.00 per bunch.

GREEN GOODS.

Mexican Ivy
Leucothoe sprays
Sprengeri and Asparagus Sprays...\$2.00 to
Galax (bronze and green)...per 1,000, \$1.50
New flat ferns.....per 1,000, 2.00
Wild smilaxper case, 6.00
Boxwood...25c per bunch. per case, 7.50
Winterberries, \$1.50 to \$2.50 per case.



PREPARED

RUSCUS

SUPPLY DEPARTMENT.

We have prepared an adequate supply of beautiful

Yellow and Red Ruscus

For Thanksgiving and Autumn Decorations

and can furnish you with what you need at a moment's notice

Red, Green and Yellow Ruscus, 75 cents per

RED AND GREEN FRIEZE ROPING

60 yds. to bolt, 75 cents per bolt.

SPECIAL--SEND \$1.

for a sample dozen Novelty Corsage Ties

and Baby Doll Showers. BE SURE AND

GET IN ON THIS—IT'S A BARGAIN.

Waxed Roses
Immortelles

Oak Leaves
Ruscus

Oak Sprays
Magnolia Wre

Look for our Fall Circular mailed recently:
If you don't get it, write for one.

POEHLMAN

72-74 E. Randolph St.,

Kentias Western Kentias Headquarters

Largest and most complete stock offered in the West, in a healthy, strong and clean condition.

All previous prices quoted on Palms are hereby cancelled.

KENTIA FORSTERIANA SINGLE PLANTS.

Leaves	Each
6 inch pots 5-6 28 inches high...	\$ 1.25
6 inch pots 6-7 32-34 inches high...	1.50
6 inch pots 6-7 34-36 inches high...	2.00
8 inch tubs 6-7 40-42 inches high...	3.50
8 inch tubs 6-7 42-46 inches high...	4.00
8 inch tubs 6-7 50 inches high...	5.00
9 inch tubs 6-7 52-56 inches high hv	7.00
10 inch tubs 6-7 60 inches high...	8.00
10 inch tubs 6-7 60-65 inches high...	12.00
15 inch tubs 6-7 8 feet high.....	40.00
15 inch tubs 6-7 9-10 feet high.....	50.00

KENTIA BELMOREANA SINGLE PLANTS.

Leaves	Each
2 1/4 inch pots 4 \$1.50 per doz., \$12 per 100	
ins. high Per Doz.	
4 inch pots 5-6 16-18 45c each	\$5.00
6 inch pots 5-6 24 each	1.25
6 inch pots 5-6 28 each	1.50
8 inch tubs 5-6 42 each	5.00
Specimen plants, 15 inch tubs, \$75.00 each.	



KENTIA FORSTERIANA MADE UP PLANTS.

Plants	Each
6 inch pots 3 26-28 inches high.....	\$ 2.00
7 inch tubs 3 30-32 inches high.....	2.50
8 inch tubs 3 38 inches high.....	4.00
8 inch tubs 4 48-50 inches high.....	5.00
9 inch tubs 4 52 inches high.....	6.00
10 inch tubs 4 54 inches high.....	8.00
12 inch tubs 4 60-64 inches high.....	12.00
12 inch tubs 4 66 inches high.....	15.00
15 inch tubs 4 6-6 1/2 ft. high, heavy..	25.00
15 inch tubs 4 75-80 inches high.....	30.00

ARECA LUTESCENS.

Plants	Each
6 inch pots 4 bushy, 24-26 inches high.	\$1.25

ASPIDISTRAS.

5 inch pots 10-12 leaves green	1.00
6 inch pots 16-20 leaves green	1.50
5 inch pots 10-12 leaves var.	1.50

10,000 POT CHRYSANTHEMUMS

Most magnificent supply in all the best leading varieties, some of which are ready for delivery now. Exceptionally fine stock and unusually good value. Order early.

5 1/2-in.-6-in., pots, 50c to 75c each; 7-in. pots, \$1.00 to \$1.50 each; larger specimens, \$2.00, \$3.00, \$4.00, \$5.00 each.

Araucaria Excelsa, 5 inch pot.....	\$0.50 to \$0.60
" " 6 " " .....	.75 to 1.00
" " 7 " "	1.25 to 1.50
Araucaria Robusta Compacta, 6 inch pot....	\$1.25
" " 7 " "	2.00
Larger Specimens, \$3.00 to \$5.00 each.	
Pandanus Veitchii, 4 inch pot.....	\$0.35
" " 6 " " .....	.75 to 1.00
" " 7 " "	1.25
" " 8 " "	2.00
Crotons, 4 inch pot.....	.40
Rubber Plants, 5 inch pot.....	.50 to .75
Per 100	
Asparagus Sprengerii, 3 inch pots.....	\$6.00
" " 4 " "	10.00
Asparagus Plumosus, 2 1/2 " "	3.50
" " 3 " "	7.00
Table Ferns, 2 1/2 " "	3.00
" " 3 " "	6.00
4 inch pots, \$10.00 per 100.	
Each.	
Holly Ferns, 5 inch.....	\$0.25
Coleus Emperor William, 5 inch.....	\$0.25 to .35
Begonia Luminosa, 5 inch.....	.20

Begonia Chatelaine, 2 1/2 inch.....	Per 100 \$ 3.50
" " 3 " "	8.00
" " 4 " "	15.00
For November and December Delivery. Each	
Begonia Cincinnati, 5 inch	\$0.75
" " 6 " "	\$1.00 to 1.25
" " 7 " "	1.50 to 2.00
Begonia Lorraine, 4 inch	\$0.30
Begonia Melior, 5 inch	\$0.75
" " 6 " "	\$1.00 to 1.25
" " 7 " "	1.25 to 2.00
Begonia Mrs. J. A. Peterson, 4 inch.....	\$0.50
Cyclamen For November and December Delivery. Per Doz.	
4 inch pot	\$4.20
5 " "	6.00
6 " "	9.00
7 " "	\$12.00, \$15.00, 18.00
Per 100	
Primula Obconica, 4 inch pot.....	\$15.00
Pepper Xmas, 5-6 inch pots, each.....	35c 50c 75c
" " 4 " "	15c 20c
Each	
Poinsettias, 6 inch pans	\$0.50
" " 7 " " .....	.75
" " 8 " "	\$1.00 to 1.50

BOXWOOD, 15-18-20 inches, 50c, 60c and 75c each.

AZALEAS FOR CHRISTMAS--Order Your Supply Now.

Orders Taken on Condition That Stock Arrives Safely.

Varieties--Mme. Petrick, Vervaeana, Petrick Superba, \$1.00, \$1.25, \$1.50, \$2.00, \$2.50, \$3.00, \$4.00, \$5.00, \$7.50.

A Nominal Charge is made for Packing.

N BROS. CO.

Long Distance Phone, **CHICAGO, ILL.**
Randolph 35.

CARNATIONS-Big Crop on

Assorted Colors, Our Selection, in lots of 200 or more, 2 cents each.

CHRYSANTHEMUMS

Large White and Yellow Flowers, \$1.50 to \$3.00 per doz.; Pink, \$2.00 to \$3.00.

POMPONS—35 cents to 50 cents per bunch.

Small Yellow in Sprays—25 cents per bunch of three dozen flowers.

CHOICE SHIPPING ROSES

RUSSELLS—We are growing the finest Russells arriving in this market. All visitors to the greenhouses in the Chicago district say that our Russell are the best here. We cut our flowers tight in the bud as the majority of our trade is shipping. Flowers that are sold mostly to the city trade are allowed to open more than for the shipping trade. The roses which we are receiving in large quantities direct from our greenhouses within a few hours of being cut, enable us to fill all orders with strictly fresh stock. This is the great advantage of buying direct of the grower. Order here.

CURRENT PRICE LIST

American Beauties	Per doz.
Specials, extra long stems.....	\$4.00 to \$5.00
30 to 36-inch stems.....	3.00
Medium stems.....	1.50 to 2.50
Shorter lengths.....	.50 to 1.00

Hoosier Beauty, Rhea Reid, Ophelia, Sunburst, Shawyer.

	Per 100
Extra long.....	\$8.00 to \$10.00
Good medium.....	5.00 to 6.00
Short.....	3.00 to 4.00
Hoosier Beauty, special.....	\$12.00 per 100

Richmond, White and Pink Killarney Killarney Brilliant

	per 100,	\$6.00
Long.....		
Medium.....	\$4.00 to	5.00
Short.....	"	3.00

ROSES, our selection, in lots of 300 or more at the rate of \$25.00 per 1000.
White, Pink and Yellow **CHRYSANTHEMUMS**—Yellow Pompons

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

Mrs. Chas. Russell.	Per 100
Special.....	\$15.00
Long.....	\$10.00 to 12.00
Medium.....	6.00 to 8.00
Short.....	4.00 to 5.00
Cecile Brunner..... per 100,	2.00
CARNATIONS..... per 100,	2.00 to 3.00
LILY OF THE VALLEY.....	5.00
ASPARAGUS SPRAYS and SPRENGER.....	2.00 to 3.00
FERNs, new..... per 100, 25 cents; in lots	
of 1000 or more, \$2.00 to \$2.50 per 1000.	
ADIANTUM.....	1.00
GALAX, bronze and green..... per 1000, \$1.25 to \$1.50	

BASSETT & WASHBURN

LONG DISTANCE PHONE:
CENTRAL 1457.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

Chicago.

TRADE SHOWS IMPROVEMENT.

Business is much better at this writing but it was very quiet last week when there was practically nothing doing whatever to speak of. Both the local and shipping demand were unusually dull, consequently stock accumulated to such an extent that the wholesalers sold whatever they had to offer to whoever would buy in large lots at ridiculously low November prices. Chrysanthemums particularly were sold very cheaply and it was almost impossible to get any kind of prices for them considering what they sold for in former years. There are not very many fancy chrysanthemums seen, but the enormous quantity of inferior blooms offered has kept the average on the better grades down. While some chrysanthemums are being received from California they are not the cause of a break in the market to such an extent as it was first believed, but the result of general conditions which usually prevail at this time. The last week in October and the first week in November are usually considered quiet weeks and in the majority of cases every whole-

Chicago Flower Show

A FLORAL ART and NOVELTY DISPLAY

under the auspices of the

Chicago Florists' Club

will be held in the grand ball room of the

HOTEL LA SALLE

Sunday afternoon and evening

November 12, 1916

Admittance will be by invitation and preparations are being made to issue several thousands of the invitations to the trade and others interested.

Novelties in plants and flowers for this exhibition should be shipped by express in time to reach Chicago, **Saturday, Nov. 11**, all charges prepaid, addressed to

C. W. JOHNSON, Flower Show Manager,
Hotel La Salle, Chicago.

saler has found this to be true when he looked up his records. On top of this, business has been good right along and much better than any previous summer, so when the demand began to slacken many were ready to believe that conditions were unusually bad. Everyone will admit that the sales last week were small and that chrysanthemums and pompons, not mentioning the other stock, never sold at such low prices before as they did then. The real reason for the condition of the market last week is due principally to the fact that the early chrysanthemums were at least two weeks late this year and that the mid-season varieties were nearly on time, owing to the extreme warm weather in October, which caused a situation that probably never existed before or will not again for some years to come. This week a few of the many offerings in chrysanthemums are white and yellow Bonaffon, Illinois, white and pink Ivory, white and pink Chieftain, Buckbee, October Frost, Marigold, Chrysolora, Halliday, Alice Byron, white and yellow Salomon, Dr. Enguehard, Glory of Pacific, Early Snow, McNiece, Wm. Turner, Chas. Razer, Amorita, Roman Gold, Ramapo, Col. D.

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

LARGE QUANTITIES OF MAGNIFICENT MUMS-CARNATIONS-POMPONS

Beauties, Russell, Sunburst, Ophelia, Champ Weiland, Killarney, White Killarney, Milady and other Roses mentioned in the price list below.

Fancy Lilies, Lily of the Valley, Complete Line of Greens

Current Price List.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems.....	\$4.00
36 to 48-inch stems.....	3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.00
Short .....	.75

Richmond.....		
Killarney.....		
White Killarney.....		
My Maryland.....	Extra select	Per 100 \$8.00
Sunburst.....	Select	6.00
Ophelia.....	Medium	5.00
Milady.....	Short	4.00
Champ Weiland.....		

MRS. CHAS. RUSSELL—

	Per doz.
Specials	\$2.00
Select	1.50
Medium	1.00
Short	\$0.50 to .75

	Per 100
Roses, our selection.....	\$ 3.00
Carnations	3.00
Chrysanthemums	per doz., \$1.50 to \$3.00
Pompons	per bunch, .35 to .75
Sweet Peas	\$.75 to 1.50
Harrisii	12.50 to 15.00
Valley	6.00
Adiantum	1.00
Asparagus	per bunch, .50 to .75
Ferns	per 1,000..... 2.00
Galax, bronze and green.....	per 1,000..... 1.25
Boxwood.....	.25c per bunch; \$7.50 per case

—2,000,000 Feet of Modern Glass—

Appleton, Kalb and Eaton, which will give one an idea of the unusual season. In pompons there is some fine stock being offered especially in such varieties as Golden Climax, Harry Hicks, Sabey, Pretoria, Buckingham, Fairy Queen, Emily and others. Roses have sold at low prices all last week, owing to the heavy supply of chrysanthemums offered. American Beauty roses were in good demand and sold at satisfactory prices, and so did Mrs. Chas. Russell, but the other varieties did not bring anywhere near the figures that they should considering the limited supply offered. Carnations are more plentiful but are selling as well as can be expected, owing to the general market condition, but at figures that could be much better. Violets, both home-grown, single and New York double, are reaching the market in better condition and are selling a trifle better. Lilies are more plentiful and the supply in callas is steadily increasing. Snapdragons, daisies, sweet peas, sweet allsuum, calendulas, cut cyclamen, cornflowers, strawflowers, mignonette, forget-me-nots and candytuft are to be had and the first Paper White narcissi made their appearance this week. Orchids are plentiful enough to supply the demand and the shipments consist principally of oncidiums, cattleyas, vandas and dendrobiums. Gardenias are a trifle more plentiful and are cleaning up nicely every day at satisfactory prices. Lily of the valley is about the only item that is real scarce and is bringing high prices. Fancy lily of the valley is selling for \$6.00 per 100 with very little stock available at that figure. Green goods of all kinds are in large supply and the receipts of red winter berries are steadily increasing. Pussy willows are included in the shipments, but only in limited quantities. Now that election is over everyone is

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

SAVE MONEY

Send for Our Special Prices.

You Will Find It Worth While. It Will Save You Money

Mention the American Florist when writing.

again paying strict attention to business and planning to make a strong bid for the fall and winter business.

NOTES.

Sidney Wiffin of Des Plaines has 20 new promising seedling pompons, particularly one resembling Klondyke, which flowers two weeks earlier, and a dahlia shaped one that is sure to be a winner. He also has a new snapdragon with a color similar to the rose Ophelia. The new pompons were on exhibition at O. A. & L. A. Tonner's store November 4, where they were greatly admired by all those who had the pleasure of inspecting them.

Peter Reinberg has named his new pompon, which is a sport of Acto and resembles the rose Ophelia in color, after the well-known Illinois politician,

Senator J. Hamilton Lewis. The new pompon is a beautiful one and will be offered in 1917. Everyone who has had occasion to see it at the Reinberg establishment speaks in glowing terms of it, especially the retail florists, who were particularly impressed with its color.

John Rindfleisch, well known retail florist, of Beloit, Wis., was a visitor in the wholesale market last week.

The Armitage Floral Shop, 2065 Milwaukee avenue, has added a new Ford truck to its delivery service.

The Hoskins Floral Company, Elmhurst, has increased its capital stock from \$25,000 to \$50,000.

Joseph Marks, with A. Henderson & Co., is back from a successful eastern business trip.

Chrysanthemums

POMPONS--BEAUTIES ROSES--CARNATIONS

Very highest quality obtainable in the Chicago market, and plenty for everyone at the prices quoted below. Send us a trial order today and you will never regret it. Seeing is believing.

Current Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.

Per doz.

Long stems	\$4.00
36-inch stems	3.50
30-inch stems	3.00
24-inch stems	2.50
18-inch stems	2.00
12-inch stems	\$1.00 to 1.50

White--KILLARNEY--Pink.

Per 100

Extra Special	\$7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00

RICHMOND

Per 100

Extra Special	\$7.00
Select	6.00
Fancy	5.00
Medium	4.00
Short	3.00

OPHELIA.

Per 100

Extra Special	\$7.00
Select	6.00
Fancy	5.00
Good	3.00

SUNBURST.

Per 100

Extra Special	\$7.00
Select	6.00
Fancy	5.00
Good	3.00

GEORGE ELGAR35c per bunch

ROSES, OUR SELECTION, \$3.00 PER 100.

Per 100

LILIES, Fancy\$12.50 to \$15.00

Chrysanthemums, per dozen.. 1.50 to 3.00

Pompons35c to 50c per bunch

Carnations\$1.00 to \$2.00

Miscellaneous.

Ferns, per 1,0002.00 to 2.50

Smilax, per doz. 2.00

Adiantum1.00

Sprengeri, per bunch..... .50

Asparagus Sprays, bunch..... .50

Galax, bronze and green, per 1,000 1.25

Other Green Goods Market Rates.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

Frank Oechslein received an importation of 98 cases of azaleas last week which came through in splendid condition and is expecting another carload this week and also one of boxwoods. The stock in his greenhouses on Quincy street is in splendid condition, especially the pot chrysanthemums, cyclamens, begonias, dracaenas and ferns. The stock in his Harlem avenue range consisting of 50,000 feet of glass devoted to cyclamen, crotons, Christmas peppers and Boston ferns, is in A1 condition. His cyclamens are later than last year, but are ready now and are selling well. He is growing Boston ferns on a larger scale than ever and has 70,000 in 2½-inch pots at this place alone. Mr. Oechslein has made a large number of improvements at his new range, which is only fifteen minutes ride in his Ford from his main establishment, and will soon have everything just the way he wants it and this is in the best condition possible. Twenty-four years ago he was looking for a job near his new place and has made a record for himself during that time which anyone might well be proud of and with practically no capital whatever to start with.

Wietor Bros.' shipments of chrysanthemums now include a fine grade of Bonnaillon, Marigold and Pink Chieftian in addition to many other seasonable varieties. This firm is offering an unusually large variety of pompons including Golden Climax, Harry Hicks, Sabey, Emily and many others too numerous to mention. N. J. Wietor speaks well of Peter Reinberg's new pompon, J. Hamilton Lewis, which will be introduced in 1917.

The George Wittbold Co. expects to move into its beautiful new retail store adjoining the Wittbold Buckingham court apartments in another week

Roses===Carnations===Chrysanthemums

Everything else in seasonable Cut Flowers and Greens.

Supplies For Fall Decorations

Natural Prepared Oak Sprays--Colored Ruscus
Magnolia Leaves--Baskets--Ribbons--Chiffons.

Write for our weekly wholesale cut flower price list.

O. A. & L. A. Tonner
30 E. Randolph Street, Phone, Central 6284. CHICAGO, ILL.

or two and will have a grand opening in the near future. The new establishment will be one of the finest equipped in this section of the country and the fixtures include a beautiful Buchbinder refrigerator.

The A. L. Randall Co. has already sold over 50,000 rooted cuttings of Anton Then's new red carnation, The-nathos, for January 1, 1917, delivery. Many customers who bought this variety earlier in the season increased their order after they had an opportunity to inspect it growing.

John Sinner is more than pleased with the condition of the roses at Sinner Bros.' greenhouses and says that everything points to banner crops for Thanksgiving and Christmas. The Ophelia and Richmond they are now supplying their trade with are perfect.

The White House Florist is finding business good after a quiet summer and is making a big showing of chrysanthemums, both cut blooms and pot plants. Mrs. Kotsonis is of the opinion that colder weather would help conditions considerably.

A. T. Pyfer & Co. are handling a large quantity of pussy willows, which are in good demand for basket work and window decorations. A nice supply of callas is arriving daily at this establishment.

The next meeting of the Chicago Florists' Club will be held at the Morrison Hotel, Thursday evening, November 16, at 8 p. m. Officers for 1917 will be nominated at this meeting.

L. P. Harley, Hartford, Mich., dealer in natural prepared beech and oak foliage, called on the trade here last week. He is shipping some fine winter berries to this market.

M. C. Gunterberg remarks that the New York violets are of splendid quality this season. She is handling them in quantity as usual and reports a good demand for them.

A. E. Hunt & Co. are opening a new retail store at 2546 West Railroad avenue in North Evanston about four blocks from their greenhouses.

Wm. Collatz, of the A. F. Amling Co., Maywood, is the proud owner of a new seven passenger touring car.

Most For The Least!

Is What You Obtain
When You Place
Your Orders With Us

We Have Finest Supply of American Beauty Roses and the Greatest Variety of Orchids Offered in the Chicago market. Our Chrysanthemums, Pompons, Roses and Carnations are also exceptionally fine, not to mention anything about all the other seasonable Cut Flowers, Greens, etc., that we are handling.

CURRENT PRICE LIST—Subject to Change Without Notice.

Beauties.	
Long stems	Per doz. \$3.00 to \$4.00
30 to 36-inch stems	2.50
20 to 24-inch stems	1.50 to 2.00
15 to 18-inch stems	1.00
12-inch stems	.75

Mrs. Chas. Russell.

Per 100	
Extra fancy	\$15.00 to \$20.00
Good medium	10.00 to 12.00
Good short	4.00 to 6.00

Roses.

Ophelia, fancy	\$8.00 to \$10.00
“ good	5.00 to 6.00
“ short	2.00 to 4.00
Killarney, fancy	8.00
“ good	5.00 to 6.00
“ short	2.00 to 4.00

Per 100	
Richmond, fancy	\$ 8.00
“ good	\$5.00 to 6.00
“ short	2.00 to 4.00
White Killarney, fancy	8.00
“ good	5.00 to 6.00
“ short	2.00 to 4.00
Ward, fancy	8.00
“ good	5.00 to 6.00
“ short	2.00 to 4.00
Sunburst, fancy	8.00
“ good	5.00 to 6.00
“ short	2.00 to 4.00
Killarney Brilliant, fancy	8.00
“ good	5.00 to 6.00
“ short	2.00 to 4.00

Roses, our selection..... \$3.00

Carnations.

Per 100	
Special fancy	\$3.00
Good	\$1.50 to 2.00

Miscellaneous.

Per 100	
Easter Lillies, select	\$10.00 to \$12.50
Orchids, Cattleyas	per doz. 7.50
Vandas, fine large sprays	25c per flower.
Valley	.....\$6.00
Chrysanthemums	per doz. \$1.50 to \$4.00
Pompons	per bunch .35 to .50
Violets, Home-Grown, Single	.75

Greens.

Asp. Plumosus	per string,	\$0.50
Asp. Plumosus Sprays	bunch,	\$0.35 to .50
Sprenger	per bunch,	.35 to .50
Adiantum	per 100,	1.00
Smilax, choice	per doz.,	1.50 to 2.00
Fancy Ferns	per 1,000,	2.00 to 2.50
Galax Leaves	per 1,000,	1.25
Wild Smilax	per case	5.00
Boxwood	per lb., 25c; 50 lb. case	7.50

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572

161 North Wabash Ave. Chicago

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue

L. D. Phone Randolph 631

CHICAGO

IN LARGE SUPPLY HERE

'MUMS	VIOLETS	ORCHIDS	SNAPDRAGONS	PLUMOSUS	WINTER BERRIES	ADIANTUM
POMPONS	VALLEY	CARNATIONS	CALENDULAS	SPRENGERI	MEXICAN IVY	LEUCOTHOE
ROSES	LILIES	SWEET PEAS	STRAWFLOWERS	SMILAX	BOXWOOD	GALAX

Percy Jones is offering a good supply of Paper White narcissus in addition to a large quantity of chrysanthemums, pompons and other seasonable stock. This house is handling its usual big supply of green goods, including a splendid grade of smilax and boxwood. Cut cyclamens are being handled on a large scale and are having a good call.

White, Pink and Yellow 'Mums

FINE STOCK, 10c EACH AND UP. GUARANTEED HOME-GROWN.

M. C. GUNTERBERG, 158 N. Wabash Ave., CHICAGO, ILL.

Mention the American Florist when writing.



A. T. PYFER & CO.

Wholesale Florists

30 E. Randolph Street,

Long Distance Telephone
Central 3373

CHICAGO, ILL.

Poehlmann Bros. Co. is mailing its supplement to the 1916 Florists' Supply Catalog, which will be mailed free to anyone in the trade upon request. The supplement is full of holiday offerings with two pages devoted to made-up wreaths and two more to baskets. Otto W. Frese of the cut flower department says that this week marks the first cut of Paper White narcissus. American Beauty roses of fine quality are reaching the store in large quantities each day, but clean up quickly considering the general market conditions.

Sol Garland, of Des Plaines, is cutting from a splendid crop of Chieftain and Col. D. Appleton chrysanthemums in addition to a large and fine supply of pompons, which he is consigning exclusively to Percy Jones. Mr. Garland thinks well of the pink pompon, Buckingham, which Wietor Bros. are having such a brisk demand for and intend to grow it next season.

Zech & Mann are handling their share of chrysanthemums consisting of practically all the seasonable varieties, and report a good demand for the fancier grades. Matthias Mann and Allie Zech are representing Zech & Mann at the fall flower show and meeting of the Illinois State Florists' Association now held at Bloomington.

Joe Smith, one of the employees at the Chicago Flower Growers' Association, was called home last Saturday, November 4, when his mother fell off a stepladder and fractured three ribs, one of which pierced her lung. She is much better at this writing but her condition is still considered serious.

Phillip L. McKee, of the American Greenhouse Mfg. Co., says a trip has been arranged from Bloomington to Lincoln to visit the establishment of Gullett & Sons, leaving at 1 p. m., Friday, November 10. Transportation will be furnished to Lincoln and dinner served in the evening.

Bassett & Washburn are making an exhibit at the fall flower show of the Illinois State Florists' Association this week at Bloomington, consisting of Mrs. Chas. Russell, Ophelia and Cecile Brunner roses and Belle Washburn and Alice carnations.

A. L. Vaughan & Co. are having a brisk demand for American Beauty roses which they are handling in quantity this season. Their receipts of

orchids are heavy and consist principally of cattleyas, oncidiums, dendrobiums and vandas.

The firm of J. A. Budlong is now comfortably located in its enlarged quarters, which its increasing business has demanded for some time. Chrysanthemums, pompons, roses and carnations are the leaders at this establishment.

Miller & Musser have splendid storage facilities for smilax and other green goods under the sidewalk end adjoining their basement store. Much of this space will be devoted to storing red winterberries for the holiday trade.

The Geo. Wittbold Co. is erecting three more Garland greenhouses at Edgebrook, two 41x400 feet and one 28x300 feet. This firm reports the arrival of a large importation of azaleas and boxwoods.

Reinhold Schiller, manager of Schiller's down town store, reports business as improving and the outlook very promising. He always has a splendid window display and keeps his store in apple pie order.

Robert Newcomb and Samuel Seligmann, of the American Bulb Co., are both back from out-of-town with a nice lot of orders. The American Bulb Co. is handling a good supply of red winterberries.

The American Greenhouse Manufacturing Co. has begun work on two new steel frame houses, 60x500 feet, for Gullett & Sons at Lincoln, to be devoted to roses. The houses will be completed by spring.

Erne & Klingel are handling their usual supply of chrysanthemums and other seasonable stock. This enterprising house could use more floor space to good advantage.

Hoerber Bros. cut chrysanthemums as early as any of the local growers and will probably cut them as late as anyone, with good crops for Thanksgiving.

John Michelsen, of the E. C. Amling Co., believes that the growers who have late crops of chrysanthemums will be the ones to share in the big money this year.

John Kruchten & Co. are pleasing their trade with fancy Roman Gold chrysanthemums in addition to some extra choice carnations.

P. J. Foley is attending the annual meeting and exhibition of the Chrys-

themum Society of America at Philadelphia this week.

Joseph Ziska & Sons' wire department is running at top speed and will continue to do so until after the holidays at least.

Walter Fabian has accepted a position as salesman with Chris. Pederson, 58 East Randolph street.

Kyle & Foerster are showing a good supply of fancy American Beauty roses and sweet peas.

George Reinberg's shipments of roses include some of the finest stock he has offered in years.

Weiland & Risch are showing a fine supply of Wm. Turner chrysanthemums.

Visitors: Frank Farney, representing M. Rice Co., Philadelphia, Pa.; Chas. Bloom, Clinton, Ia.; Jack Byers, Wilmette; Chas. Falkenheim, representing Basket Novelty Co., New York; C. G. Anderson, representing Gullett & Sons, Lincoln.

Louisville, Ky.

Mr. Joy, of the Joy Floral Co., Nashville, Tenn., spent a day in this city recently. He called on a number of the local florists and visited the potato growers at Matthews, Ky., and was much pleased with the information gained. His planting of potatoes this year comprises 26 acres and at present prices the crop was very profitable.

The Jacob Schulz Co. has added to the attractiveness of its store, having installed some handsome furniture imported from Europe. Miss Alice Miller is still on her vacation. Mrs. Lang is in charge of the store during her absence.

Anders Rasmussen, of New Albany, is cutting fine American Beauty, Kaiserin, Radiance and Hoosier Beauty roses. His carnation crop is being held back until the passing of the chrysanthemums.

Mrs. Abel, mother of Joseph Abel, secretary of the C. B. Thompson Co., Inc., is seriously ill.

John A. Werneckee, of New Albany, is first in the market here with sweet peas.

D. L. Swift, of New Albany, is cutting excellent roses and carnations.

H. G. W.

YELLOW—WHITE—PINK.

**Heavy
Supply****'MUMS****Good
Quality****Large Supply of Choice Roses in the Following Varieties:**

Mrs. Chas. Russell

Ophelia

Mrs. Aaron Ward

Double Pink Killarney

Lady Alice Stanley

Sunburst

Hoosier Beauty

Pink Killarney

Mrs. W. R. Hearst

Milady

Double White Killarney

Killarney Brilliant

• **NOVELTY ROSES:** Cecile Brunner or Sweetheart—Baby Doll—George Elgar.**CARNATIONS**

We have a dependable supply and can furnish you with what you need. Special prices on quantity lots of 500 or more.

VALLEY--LILIES

Our Blue Ribbon Brand speaks for itself. Daily supply of Valley as well as Lilies.

'MUMS and POMPONS

Can supply in Yellow, Pink and White varieties.

VIOLETS

Fragrant Home-Grown Single Violets.

SNAPDRAGONS

Choice White, Pink and Yellow.

Why Not Use The Best For Your Trade?

We never failed to take care of our customers during the extreme scarcity existing last spring. This year finds us situated better than ever to supply you, as we are receiving the output of several large new growers in this vicinity, together with the usual supply from our large range. Why not send your orders to us where they are always sure to be taken care of?

Our offerings consist exclusively of strictly fresh home-grown stock—bound to reach you in good condition.

You can increase your profits and business by sending us your orders.

Remember, we make no charge for boxes or packing which in itself is a saving to you.

**Quality
Speaks
Louder
Than
Prices.**

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

**ROSES, VALLEY
and CARNATIONS
A Specialty.....**

**WHOLESALE
Grower of**

GUT FLOWERS

**Prices
As
Low
As
Others.**

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Oklahoma City.**BUSINESS GOOD AND STOCK PLENTIFUL.**

By the time these lines appear in print the political battle will be won and lost. Today, however, November 4, one finds the trade making up funeral designs and discussing the political situation with such vigor that it is almost dangerous to approach them if you should chance to belong to the opposite party. Aside from all that, business is very good and the florists have just about all that they can do. Stock of all descriptions is coming in very good. Prices are perhaps not quite so good as they were two weeks ago on some things, but the chrysanthemums are getting quite plentiful, so no complaints are made on that account.

NOTES.

On account of ill health, H. S. McClenahan contemplates selling his

PREPARED CYCAS LEAVES**BEST QUALITY.****PERFECT COLOR.****VERY PLIABLE.**

100 Assorted Sizes up to 36 inches long, \$4.80.

GET OUR LATEST LIST OF OTHER SUPPLIES.

GEO. H. ANGERMUELLER
Wholesale Florist

1324 PINE STREET
ST. LOUIS, MO.

greenhouses and entering the live stock business. He has built up a nice trade and any good grower wishing to locate in the south would do well to investigate this matter.

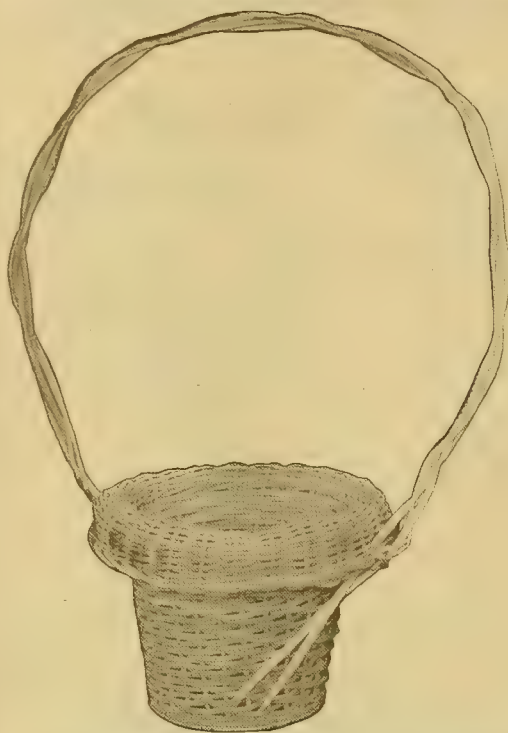
The Stiles Co. is taking down the partition in the rear of their establishment and will extend the store back to the alley. This improvement will about double the store area.

Furrow & Co. are sending in excellent stock from their Guthrie green-

houses. The chrysanthemums, particularly, are fine. S. S. B.

Visitors: C. E. Gullett, representing Gullett & Sons., Lincoln, Ill.; H. C. Knowlton, representing the A. L. Randall Co., Chicago.

WEBSTER, MASS.—Olaf Marthius, formerly of Cromwell, Conn., has purchased an interest in the greenhouses conducted by Edward Gustafson.



Raedle's Special Plant Basket Offers

Styles you will need this fall and winter. Leading florists everywhere are using them for their foliage and blooming plants or in making combinations of both. They say that our baskets are best adapted to this kind of work, for the sizes are consistent with the dimensions of the pots and fit in very nicely.

No. 1--\$18.00 Per Dozen.

Assortment of 12 Plant Baskets for plants ranging in size from 5 to 10-inch pots, \$18.00 per dozen.

No. 2--\$12.00 Per Dozen.

Assortment of 12 Plant Baskets for plants ranging in size from 5 to 10-inch pots, \$12.00 per dozen.

No. 3--\$8.00 Per Dozen.

Assortment of 12 Plant Baskets for plants ranging in size from 5 to 10-inch pots, \$8.00 per dozen.

The difference in prices is due to the quality, but each offer is a good buy and big value. For other sizes and styles, write for new catalog.

RAEDLEIN BASKET CO.
713 Milwaukee Avenue, CHICAGO

Nashville, Tenn.

TRADE GOOD AND IS IMPROVING.

Trade continues to improve and is very satisfactory. The supply of flowers is good and the old time excellence is more and more apparent. Roses are coming on nicely, especially Ophelia, Richmond, both Killarneys, Aaron Ward and some very nice American Beauty. Carnations are good, while lily of the valley and Bermudas are of fine supply. Chrysanthemums are perfection in all colors. Most of the trade say they are even finer than ever before and something really to brag about. In some quarters there is a little complaint of the slowness of collections; more so than is usual at this time of year. It is hoped after the presidential election is over this condition will improve.

NOTES.

Geny Brothers are cutting a magnificent lot of chrysanthemums, surpassing those of any former year and finding use for all that are cut daily. This firm had the pleasure, as well as the profit, of making for John McCormack, who sang here October 26, a magnificent Harp of Erin, presented by the Knights of Columbus. They have had an unusual run of funeral work taxing their capacity, notable designs for the funerals of a city detective, and of a railroad man killed by accident.

The Joy Floral Company is up to their usual notch with not only a fine but an abundant supply of the most superb flowers. Looking over their array of splendid stock in the store a drummer from the east remarked that the Joys had the finest and best looking flowers he had seen anywhere in his travels. This firm has had a fine lot of elaborate orders, both for house and church wedding decorations and bride's and bridesmaid's bouquets, all of the best and finest flowers.

McIntyre Bros. are not behind their competitors, when it comes to good flowers and a good trade and are showing some splendid stock. Will McIntyre is showing an interesting freak of floriculture in a hybrid plant of a cross between a fancy pot pepper and a tomato. The result was a crimson berry

California Violets

Giant and Princess

ENOMOTO & CO.

35 St. Anne St.,

SAN FRANCISCO, CALIF.

about the size of a wild goose plum and was very decorative. One of the brothers, Dan McIntyre, is seriously ill with a malignant tumor and his family and friends are very anxious about his condition, but hope for a favorable turn in the near future.

Frank McCabe, representing A. L. Randall Co., Chicago, visited this city recently. Several other commercial gentlemen have also come this way.

M. C. D.

Indianapolis.

DEMAND WEAK BUT IMPROVES.

While business was rather quiet at the beginning of the week, it became brisk toward the end. The carnation is of course the leader in popularity, ruling down all other stock. The large varieties, pompons and singles—anything that is a chrysanthemum—has such prestige over roses and carnations that the latter are quoted at greatly reduced prices. Lilies were forced to drop to eight cents, but are not cleaning because of the lack of funeral orders. Lily of the valley, sweet peas and violets also move slowly. Green goods have greatly improved both in quality and supply.

NOTES.

A. P. Reynolds and wife are out of the city purchasing supplies for the Circle Flower Store, which will be

opened the first week in December. G. M. McDougall, landscape architect, will have his office on the second floor, which will be devoted entirely to outdoor novelties.

Three new seedling chrysanthemums of merit have been put on the market. They are a silver pink Touset by Wm. Hack; a burnt orange Touset by Wm. Hammett and a pink of the larger type by Chas. Randall.

Miss Terrell, of the Bertermann Bros. Co.'s office staff, has been out of the city during the past week on account of the death of her brother.

The next meeting place of the State Florists' Association of Indiana, not having been definitely decided upon, will be announced later.

During the Metropolitan Life Insurance Co.'s convention here Claypool Hotel Florist had an elaborate decoration for the banquet.

Hartje & Elder dazzled the trade with three new varieties in pompons and singles.

C. H. Bookedis, the Claypool hotel florist, recently had his automobile stolen.

John Rieman has completed redecorating his store in white and gray.

Visitors: A. W. Herre, representing Poehlmann Bros. Co., Chicago; Meyer Heller, Newcastle, Ind.; Raymond Jones, of the Advance Co., Richmond, Ind.; C. O. Wilcox, representing W. W. Barnard Co., Chicago. M. E. T.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS

L. D. Phone, Randolph 6578

CHICAGO, ILL.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS

L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

The Largest, Best Equipped,
Most Centrally Located

WHOLESALE

CUT FLOWER HOUSE

IN CHICAGO

174-6 N. Wabash Ave., CHICAGO

L. D. Phones

CENTRAL 1977 and 1978.

Mention the American Florist when writing.

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Mention the American Florist when writing.

HOERBER BROS.

Wholesale Growers of **Cut Flowers**

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave..

Mention the American Florist when writing.

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

Mention the American Florist when writing.

ROYAL OAK, MICH.—J. T. Wolcott has recovered from his recent illness and expects to have a big range of greenhouses near here next spring.

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST. Per doz.

Roses, Beauty, specials	\$ 4 00@	\$5 00
" " 36-in.		3 00
" " 30-in.		2 50
" " 24-in.		2 00
" " 20-in.		1 50
" " 18-in.		1 00
" " short.....per 100, \$4 00@		6 00

Per 100

" Mrs. Chas. Russell.....	\$4 00@	15 00
" Hoosier Beauty	4 00@	10 00
" Killarney Brilliant	3 00@	10 00
" Killarney	3 00@	10 00
" White Killarney.....	3 00@	10 00
" Richmond.....	3 00@	10 00
" Prince de Bulgarie.....	3 00@	10 00
" Rhea Reid.....	3 00@	10 00
" My Maryland.....	3 00@	10 00
" Mrs. Geo. Sawyer.....	3 00@	10 00
" Milady.....	3 00@	10 00
" Sunburst.....	3 00@	10 00
" Mrs. Aaron Ward.....	3 00@	10 00
" Hadley.....	3 00@	10 00
" Ophelia.....	3 00@	10 00
" Double White Killarney..	3 00@	10 00
" Mrs. Moorfield Storey.....	3 00@	10 00
" Champ Weiland.....	3 00@	10 00
" Stanley.....	3 00@	10 00
" Tipperary.....	3 00@	10 00
" Frances Scott Key.....	3 00@	10 00
" Bayard Thayer.....	3 00@	10 00
" Cecile Brunner.....	2 00@	3 00
" George Elgar.....	2 00@	3 00
" Baby Doll.....	2 00@	3 00
" Fireflame.....		4 00
" Our selection.....		3 00

Carnations..... 1 50@ 3 00

Cattleyas... per doz., 7 50@ 9 00

Vandas..... 25c per bloom.

Gardenias..... \$3 00 per doz.

Sweet Peas..... 75@ 1 00

Daisies..... 1 00@ 1 50

Calendulas..... 2 00@ 4 00

Snapdragons \$1 00@\$1 50 per doz.

Chrysanthemums..... per doz., 1 00@ 4 00

Pompons... per bunch, 25@ 75

Violets..... per 100, 50@ 75

Lilium Harrisii..... 12 50@15 00

Valley..... 5 00@ 6 00

Adiantum Croweanum..... 1 00@ 1 50

Ferns..... per 100, 2 00@2 50

Galax..... 1 00@1 25

Leucothoe..... 75@ 1 00

Mexican Ivy... per 1000, 5 00@6 00

Plumous Strings... each, 60@ 75

Smilax..... per doz., 2 00@2 50

Sprengeri, Plumous Sprays..... 3 00@ 4 00

Boxwood. 25clb., per case..... 7 50

Wild Smilax..... per case, \$6.00

Established 1883 Incorporated 1892

KENNIGOTT BROS. COMPANY

Wholesale Commission Florists

163-5 No. WABASH AVE., CHICAGO

Telephone Central 466

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

Mention the American Florist when writing.

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

Mention the American Florist when writing.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

Mention the American Florist when writing.



Mention the American Florist when writing.

New Crop Smilax

Smilax..... at \$2.50 per case
Green Sheet Moss... 1.75 per bag
Perpetuated Moss.... 3.50 per bag

Edward A. Beaven, EVERGREEN, ALA.

Mention the American Florist when writing.

Beauties

THE LEO NIESSEN CO.,

1201-5 Race St., Philadelphia, Pa.

Philadelphia.

MARKET CONDITIONS DEMORALIZED.

The situation was, if anything, worse last week than the week before; some were much concerned, others not. The demand was very light, the weather mild and the heaviest shipments in all lines, particularly roses and chrysanthemums, had to be disposed of. With the exception of high grade stock, prices ranged from very low to worse than nothing, for wagons had to be engaged eventually to haul it to the dump. Some of the dealers with long experience said business is bad, in fact the word, "rotten" was used by others, but they said, "we cannot help it; there is nearly always a week or two of an overstocked market in the fall, just before cold weather sets in—the worst is over, it will be better next week." The quality of the stock is excellent and it seems a pity that the big business men, whose province it is to produce and handle the stock, cannot increase the efficiency of the retail sales department. It should be made more flexible, more responsive. In times of overproduction, flowers sell on the street and in department stores in large quantities, because the multitude sees them; they have no need for them, but everybody likes flowers and buy because of the low price. The wholesale figures for stock to supply such sales are ruinous; they relieve the market to a certain extent, but provide little or nothing for the grower's coal bills. Five dollars a thousand for roses that should have brought \$30 to \$40 and \$4 a hundred for \$12 to \$15 chrysanthemums, gives some idea of the situation. It will need a microscope to see the general average returns on the short and lower grades of the past two weeks.

CLUB MEETING.

The November meeting of the club held November 7 was very well attended. Six new members were elected and four proposed. The new committees to serve for the ensuing year were announced by President Farenwald. After adjournment the club as a body was invited by Secretary Rust on behalf of the Horticultural Society to take a peep at the show, which was accepted with pleasure.

NOTES.

Here are a few comments: Business light, market very much overstocked, cattleyas only scarce flower.—Leo Niessen. Business no better than last week; warm weather and the election too much for the market; look for activity from now on.—Al. Jones, of S. S. Pennock-Meehan Co. There is little or no business; the truth hurts, but there it is; roses are far too plentiful; look out though, after the election.—Edward Reid. A very disgusting week; awfully hard to move stock.—Berger Bros. Very bad, but getting better.—Philadelphia Wholesale Florists' Exchange. Business volume O. K., but too much stock and ruinous prices.—Geo. Angele, Philadelphia Cut Flower Co. A bad week in the stores all over town; almost have to give stock away.—A. M. Campbell. Business no better than last week; situation very bad, a little better Saturday.—E. Bernheimer.

Each week shows an improvement in the quality of our Beauties. You can always depend on us to fill your order for Beauties: We have plenty of the medium grades at **\$12.00 and \$15.00 per 100.**

CHRYSANTHEMUMS

LARGE FLOWERED AND POMPONS

IN CHOICEST VARIETY

Roses, Carnations, Orchids, Violets, and all other flowers in season.
Ferns, Galax, Magnolia Leaves, Asparagus, Adiantum, Etc.

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WHOLESALE FLORIST

1402 PINE STREET,

ST. LOUIS, MO.

EDWARD REID

CHRYSANTHEMUMS OF QUALITY

ORCHIDS, VALLEY, HIGH GRADE ROSES

This is the exclusive shop, only one block from Express Depots.

1619-1621 Ransstead Street,

PHILADELPHIA, PA.

Wholesale Flower Markets

BUFFALO, Nov. 8.		Per 100
Beauty Special.....	20 00@25 00	
" Fancy.....	15 00@20 00	
" Extra.....	10 00@12 00	
" First.....	8 00@10 00	
" Second.....	2 00@ 4 00	
Roses, Killarney.....	3 00@ 8 00	
" White Killarney.....	3 00@ 8 00	
" My Maryland.....	3 00@ 7 00	
" Sunburst.....	3 00@ 6 00	
" Ward.....	2 00@ 5 00	
" Shawyer.....	3 00@ 8 00	
Lily of the Valley.....	5 00@ 6 00	
Lilies.....	12 00@15 00	
Cattleyas.....	40 00@50 00	
Carnations.....	2 00@ 3 00	
Pompons.....	25 @ 75	
Chrysanthemums.....	5 00@20 00	
Violets.....	35 @ 50	
Asparagus Sprengeri.....	20 00	
Ferns.....per 1000, 2 00		
Smilax.....	20 00	

CINCINNATI, Nov. 8.		Per 100
American Beauty, per doz.....	75 @ 4 00	
Roses, Killarney.....	3 00@ 8 00	
" Mrs. Chas. Russell.....	6 00@10 00	
" My Maryland.....	2 00@ 8 00	
" Ophelia.....	4 00@10 00	
" Richmond.....	3 00@ 8 00	
" Sunburst.....	3 00@ 8 00	
" Taft.....	3 00@ 8 00	
Carnations.....	2 00@ 4 00	
Lilium Giganteum.....	10 00@12 50	
Lily of the Valley.....	6 00@ 6 00	
Orchids.....	7 50@ 9 00	
Chrysanthemum, doz. 75@3 00		
Asparagus Plumosus, per bch., 25c		

BOSTON, Nov. 8.		Per 100
Roses, Beauty.....	20 00@25 00	
" Killarney Queen.....	2 00@ 8 00	
" White and Pink Killarney.....	2 00@ 8 00	
" Double White Killarney.....	2 00@ 8 00	
" Killarney Brilliant.....	4 00@10 00	
" Hadley.....	4 00@10 00	
" Cardinal.....	2 00@ 8 00	
" Mock.....	6 00@12 00	
" Mrs. Chas. Russell.....	6 00@12 00	
" Sunburst.....	6 00@12 00	
" Taft.....	2 00@ 8 00	
" Milady.....	2 00@ 6 00	
" Ward and Hillingdon.....	2 00@ 8 00	
" My Maryland.....	50 @ 5 00	
Cattleyas.....	50 00@75 00	
Lily of the Valley.....	4 00@ 5 00	
Sweet Peas.....	50 @ 1 00	
Carnations.....	1 00@ 2 00	
select.....	2 00@ 3 00	
Chrysanthemums.....	5 00@16 00	

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

262B DEVONSHIRE STREET,
BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 a. m.

Mention the American Florist when writing

BERGER BROS.

Central Market

ROSES, ORCHIDS, VALLEY

Choice Early Chrysanthemums

Always high grade Easter Lilies

1225 Race St., Philadelphia, Pa.

Mention the American Florist when writing

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., Milwaukee, Wis.

Wholesalers and Growers of
**Choice Cut Flowers
and Greens**

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Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

Mention the American Florist when writing.

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers in Kansas City. If on the market, we have it. Get our prices and we will fill your orders. Satisfaction guaranteed.

1016-1018 McGee Street

Kansas City, Mo.

Mention the American Florist when writing.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

STUART MILLER, WHOLESALE FLORIST

Always Seasonable Flowers

Orchids, Valley, Roses, Easter Lilies,
Best Early Chrysanthemums.

Unexcelled Opening for Carnation Consignors for the Coming Season.

ONE BLOCK FROM EXPRESS OFFICE

1617 Ranstead Street, PHILADELPHIA, PA.

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High Grade Roses, Gladioli, Asters, Easter Lilies and other Seasonable Flowers.

Up-to-the-Minute Service. Satisfaction Guaranteed.

WANTED—A consignee with 25 bunches Asparagus a day.

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Milwaukee St., Milwaukee, Wis.

Fancy Ferns

Special Picked. Leave Your
Regular Orders with Us.

Lily of the Valley and Orchids, Chrysanthemums, Lilies,
Fancy Roses and Carnations.

FLORISTS' SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist.
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Nov. 8.		Per 100
Roses, Beauty, special.....	25	00@30 00
" " fancy.....	16	00@20 00
" " extra.....	12	00@15 00
" " shorter grades.....	6	00@10 00
" Mrs. Chas. Russell.....	3	30@15 00
" Prima Donna.....	3	00@15 00
" Killarney.....	2	00@6 00
" White Killarney.....	2	00@6 00
" Liberty.....	2	00@6 00
" Hadley.....	4	00@12 00
" Sunburst.....	3	00@6 00
" Ophelia.....	3	00@8 00
" Hoosier Beauty.....	4	00@6 00
Carnations.....	1	00@2 00
Cattleyas..... each, \$0.40@	50	
Lilium Longiflorum.....	8	00@10 00
Valley.....	4	00@6 00
Chrysanthemums.....	6	00@20 00
Calendulas.....	2	00@4 00
Daisies, yellow.....	1	00@3 00
" white.....	1	00@3 00
Violets, single.....	50	@ 75
" double.....	50	@ 75

PITTSBURGH, Nov. 8.		Per 100
Roses, Beauty, special.....	25	00
" " fancy.....	20	00
" " extra.....	15	00
" " No. 1.....	8	00
" Killarney.....	2	00@6 00
" My Maryland.....	2	00@6 00
" Sunburst.....	2	00@6 00
" Mrs. Aaron Ward.....	2	00@5 00
Cattleyas.....	40	00
Lilium Giganteum.....	8	00
Carnations.....	2	00
Lily of the Valley.....	6	00
Yellow Daisies.....	1	00@2 00
Chrysanthemums, doz., 1 00@	3	00
Snappedragons.....	4	00
Adiantum.....	1	25
Asparagus Sprengeri, per bunch,	35	@40

MILWAUKEE, Nov. 8.		Per 100
Roses, Killarney and W. Killarney.....	3	00@8 00
" Ward.....	3	00@8 00
" Mrs. Chas. Russell.....	5	00@20 00
" Ophelia.....	3	00@8 00
" Hoosier Beauty.....	3	00@10 00
Lilies.....	12	50@15 00
Cattleyas..... per doz., 6 00		
Carnations.....	2	00@4 00
Rubrum.....	4	00
Valley.....	6	00
Chrysanthemums.....	75	@ 3 00
Pompons..... per bunch, 35@	50	
Violets.....	75	@ 1 00

DAVID WELCH

EDWARD J. WELCH

WELCH'S WHOLESALE AND COMMISSION FLORISTS

FLORISTS' SUPPLIES

280 and 282 Devonshire St.,
BOSTON, MASS.

Consignments of Beauties, Lilies of the Valley,
Orchids and all other flowers received daily.

Telephone—Court Hill 2964, 2965.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

ST. LOUIS, Nov. 8.		Per 100
Beauty, Special.....	5	00 per doz.
" Fancy.....	4	00
" Extra.....	3	00
" No 1.....	2	00
" No 2.....	1	50
Short.....		8 00
Hadley.....	4	00@8 00
Killarney.....	3	00@6 00
Hoosier Beauty.....	4	00@8 00
Richmond.....	4	00@8 00
Sunburst.....	3	00@8 00
Ward.....	2	00@5 00
Mrs. Shawyer.....	6	00@15 00
Mrs. Russell.....	6	00@15 00
Ophelia.....	3	00@8 00
Carnations.....	1	50@2 50
Valley.....	4	00@6 00
Lilies.....		10 00
Orchids.....	5	00@6 00
Ferns.....	per 1000,	1 75

Bulbs--Boxwood--Nursery Stock

Sales at Auction Every Monday and Thursday at 10 a. m

Note Sales Days—MONDAY and THURSDAY.

JOHNSON & MILLANG, Inc.

Consignments Solicited.

10,000 Square Feet Devoted to Our Auction Business.

Coogan Bldg., 55-57 W. 26th St., NEW YORK
Under Cut Flower Exchange
Write for Catalogue. Ask for Prices.

An unusual run on wedding accessories and large baskets for store decorations has kept the H. Bayersdorfer & Co. factory busy the past week. Freight embargoes, declared much too frequently, are great hindrances.

Charles Hartley, of Chestnut Hills, is cutting very fine snapdragons. Callas, another specialty, are just commencing to flower. A Ford car is soon to be added to the delivery service.

The cyclamen houses at the Norwood branch of the Robert Craig Co. are making a wonderful showing. Poinsettias in all sizes are also seen by the thousands.

John White and Wm. Muth paid a flying visit to the Chalfonte Carnation Co. at Chalfonte, Pa., November 2. They found the carnations in splendid condition.

An immense quantity of Liliun formosum has been moved this fall by the H. F. Michell Co. during the past month. All florists' bulbs have sold well.

The Whildin pottery is running full force. They can hardly keep up with the demand, which is especially strong for six-inch pots.

Robert Crawford, at his Seacane greenhouses, is cutting quantities of pompons, of which he has a large stock.

Visitors: Frederick W. Howard, Los Angeles, Calif.; Paul Blackman, Reading, Pa.

K.

New York.

BIG SUPPLY AT SACRIFICE PRICES.

The transactions in the wholesale district during the past week could scarcely be called business; they partook more of the nature of sacrifice and slaughter. If a dealer, by good fortune, got a fair price for 100 roses or chrysanthemums, he was likely to let 1,000 go at the buyer's prices, and the buyers, estimable gentlemen as some of them are, along various lines, are not philanthropists and do not pretend to be. As forecasted in our notes of November 4, there is not likely to be any change for the better until the chrysanthemums get scarcer, which, according to the present rate of arrival, should be in about two weeks. As noted, a very little special stock of roses and chrysanthemums, when fresh, brings a fair price; the remainder is slaughtered. American Beauty, specials, have been running from 10 to 20 cents, wholesale.

There has been special Hadley on the market that brought 25 cents, but such stock had three-foot stems, with correspondingly good buds, which is unusual in that class of roses at this time of year. Many special roses of other varieties sold for two to four cents, which are the usual prices for Nos. 1 and 2 when business is good. In chrysanthemums, a little special stock of such varieties as Lady Hope-ton, Glenview, and a few others, sold for \$4 per dozen and upwards, but for the bulk of average stock, even when fresh, it was hard to get about \$2 per dozen and much of it went cheaper. As frequently stated, we do not pretend to quote left over stock, for it cannot be quoted. In attempting a clean up, each dealer is a law unto himself. There is always some de-

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York.

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers.

mand for carnations, but in the present glutted condition of the market, nobody will pay much for them, the majority of sales being around \$1 and \$1.50 per 100. Lilies sell for three and four cents. In orchids and lily of the valley there is no material change in prices.

November 6.—There is no change in the condition of the cut flower market. On account of election day, when very little business is expected, the arrival of stock was somewhat lighter this morning, but there was more than enough. It is safe to say that this will be a dull week. Both election day and the day after are likely to bring poor business, and then there are two flower shows. Whatever the later benefits may be is not very clear, but one thing is certain, the week of a free flower show never fails to be a poor week in the wholesale district.

NOTES.

McHutchison & Co. have 2076 cases of azaleas in transit on the Sommeldyk, due November 7, and on the Amsteldyk, due November 13. They received 404 cases of Holland stock on the last arrival of the Noordam, November 1. The Belgium shipments (azaleas) are all late, one reason being that the steamship company will not carry Belgian stock on its regular liners, it having to come on auxiliary boats. McHutchison & Co. have 1,200 bales of raffia in transit on steamers and sailing vessels.

The Central park greenhouses have been thrown open to the public for a show of their own. There are 6,500 chrysanthemum blooms and said to be 250 varieties. All the stock was grown at the park greenhouses. The park department has also been busy, during the past week, planting bulbs.

Guttman & Raynor, Inc., are handling fine American Beauties. They also have two new seedling pompons of the anemone type, a white and a yellow, both being attractive. They came from Frank Dinda, Farmingdale, L. I.

The George W. Crawbuck Co., Inc., is now well settled in its new store, 47 West 28th street, where the facilities for doing business are greatly improved.



Mention the American Florist when writing

—We are—

Wholesale Florists

Have twenty-two years' experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

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PHONES: { 558 101 W. 28th St.,
FARRAGUT { 2036 NEW YORK
2037

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64 West 26th St., NEW YORK

(Opposite Coogan Building)

20 years experience

Consignments Solicited and Prompt RETURNS GUARANTEED.

Nippon Garden, Inc.

Successors to Satow & Suzuki

259 Fifth Avenue, NEW YORK

Greenhouses: Woodside, L. I.

Telephone: Madison Square 8950

We are headquarters for Japanese Miniature Gardens. Fern Dishes, Vases, Flower Pots, Jardinières and Dwarf Plants. A great stock of Fern Monkeys and Fern Balls.

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55-57 W. 26th Street
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 Telephone:
 8864 Farragut.

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 Successors to Badgley, Riedel & Meyer.
 Phones { 1664 } Madison Square, { 1665 }
34 W. 28th St., New York
 Receivers and Distributors of
CHOICEST CUT FLOWERS

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Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
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Wholesale Commission Florist
Consignments Solicited
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Walter F. Sheridan
Wholesale Florist
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 3532-3533 Farragut **133 W. 28th St., New York**
 All the NEW ROSES, CARNATIONS and
 Seasonable Flowers.

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WHOLESALE COMMISSION
 All the New and Standard Varieties of Roses,
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Goldstein & Futterman
WHOLESALE FLORISTS
 The Right People to Deal With.
102 West 28th St., New York
 Mention the American Florist when writing.

Wholesale Flower Markets

NEW YORK, Nov. 8.	Per 100
Roses, Beauty, special.....	15 00@25 00
extra and fancy.....	10 00@12 00
No 1 and No 2.....	6 00@ 8 00
Prima Donna.....	4 00@12 00
Alice Stanley.....	50@ 5 00
Francis Scott Key.....	4 00@15 00
Mrs Geo. Shawyer.....	50@ 5 00
Double White Killarney.....	50@ 5 00
Killarney, My Maryland.....	4 00
Special.....	3 00@
No 1 and No 2.....	50@ 1 00
Queen.....	1 00@ 5 00
Brilliant.....	50@ 5 00
Aaron Ward.....	1 00@ 6 00
Richmond.....	50@ 5 00
Sunburst.....	50@ 5 00
Taff.....	50@ 5 00
J L Mock.....	1 00@ 6 00
Ophelia.....	50@ 5 00
Mrs. Chas. Russell.....	1 00@ 8 00
Cleveland.....	75@ 6 00
Hadley.....	2 00@20 00
Hoosier Beauty.....	50@ 5 00
Cattleya Orchids, special.....	each, 40@ 50
inferior grades.....	25@ 35
Bouvardia.....	2 00@ 4 00
Rubrums.....	3 00@ 4 00
Lilies, Longiflorum and Harrisii.....	3 00@ 4 00
Lily of the Valley.....	4 00@ 4 00
Carnations.....	75@ 2 00
Chrysanthemums.....	per doz, 75@ 2 00
Novelties, per doz.....	4 00
Gardenias.....	per doz, 75@ 3 00
Sweet Peas.....	1 00@ 1 25
Snapdragons.....	2 00@ 3 00
Violets.....	20@ 35
Paper White Narcissus.....	2 00@ 3 00
Adiantum Croweanum and	
Hybridum.....	50@ 75
Asparagus Plumosus.....	doz. bchs. 2 50@ 3 00
Smilax.....	doz. strings, 1 00@ 1 25

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
 Telephones: Farragut { 4422 }
 { 4423 }
 Mention the American Florist when writing.

HOUSE OF FERNS
 Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.
 Mention the American Florist when writing.

Traendly & Schenck
 Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Farragut.
 Orchids, Roses, Carnations and all the other
 best products of the leading growers.
 Consignments solicited.

WM. KESSLER,
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.
 Desirable well space to rent for advertising.

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The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
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 Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK

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24-30 Stone St., Rochester, N.Y.

M. C. Ford
121 WEST 28th STREET
NEW YORK
 Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the
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HERMAN WEISS
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**Leading Retail Florists
Everywhere Say So.**

Many Chicago florists use no other kind as they have found from experience that Arnold Boxes suit their purpose best and are the most reasonable in price, taking quality into consideration.

Write for samples and prices or better yet order your supply today

A. A. Arnold Paper Box Co., 1302-1308 W. Division St.,
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CURREY, The Florist

ASPARAGUS PLUMOSUS a Specialty

Write for Prices

DeLAND, FLORIDA

Sample box will be mailed at once on receipt of \$1.00

New Crop Smilax

Smilax.....at \$2.50 per case
Green Sheet Moss..... 1.75 per bag
Perpetuated Moss..... 3.50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens

EVERGREEN, ALABAMA

Angelo Dentale, who for the past 14 years has been with Young & Nugent at 42 West 28th street, has resigned and gone into the wholesale business at No. 41, just across the street, having taken a part of Mrs. Rankin's House of Ferns. He is a very clever man and we wish him unbounded success.

Johnson & Millang, Inc., in the Cogan building, received a large shipment of nursery stock on the Noordam, which arrived last week, comprising rhododendrons, magnolias, lilacs, hydrangeas, and arbor vitae.

W. L. Trumpore, who was with J. H. Small & Sons for a number of years, but has for the past two years been running a retail store on Staten Island, has returned to Small's as their buyer.

Philip F. Kessler, the wholesaler of the Cut Flower Exchange, celebrated his forty-third birthday, November 5. Some men are broken at that age, but Phil is as lively as a cricket.

A. N. Pierson, of Cromwell, Conn., visited this city November 3. He came to honor the memory of his close friend, the late Pastor Russell.

Costos Sakelos, the Colonial Florist, has opened another store, his fifth, at Third avenue and 149th street.

A. F. F.

Look! \$10.00 Look!

12—14-inch Holly Wreaths,	\$2.50
6—14-inch Cedar Wreaths,	1.20
6—14-inch Laurel Wreaths,	1.20
6—14-inch Pine Wreaths,	1.50
25 yards Laurel Roping, -	1.25
10 branches berried holly,	2.00
1 6 to 8 ft. Xmas Cedar Tree,	3.50
6 Spruce Bows with Cones,	1.20
1 Branch Mistletoe, -	.50

Regular price, \$14.85

SPECIAL PRICE, \$10.00

We make a specialty of the above and guarantee all goods as represented or money refunded.

TERMS—ONE-HALF CASH WITH ORDER.

We have everything in EVERGREENS.

Write Your Requirements.

DELAWARE EVERGREEN CO.,
MILTON, DELAWARE.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY



Albany, N. Y.

EYRES,

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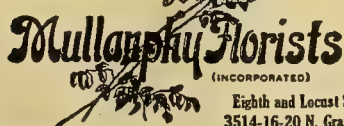
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Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Briggs Floral Co., Chicago.
Brooklyn Cut Flower Market, Brooklyn, N. Y.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Callahan, M. J., Philadelphia, Pa.
Central Floral Co., Chicago, Ill.
Central Floral Co., Detroit, Mich.
Clarke's Sons, David, New York.
Comley, Henry R., 6 Park St., Boston, Mass.
Cooke, Geo. H., Conn. Ave., and L, Washington.
Dard's, 44th and Madison Ave., New York.
Dominion Floral Co., The, Montreal Quebec.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyles, 106 State St., Albany, N. Y.
Evenden Bros., Williamsport, Pa.
Foster, Fred, St. Louis, Mo.
Fox, J. M. & Son, Inc., Milwaukee, Wis.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Grimm & Gorly, St. Louis, Mo.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Hatcher, John C., Schenectady, N. Y.
Heini & Sons, J. G., Terre Haute, Ind.
Hencie, Miles S., Syracuse, N. Y.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Higgins, N. F., Springfield, Mass.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Howard & Smith, Los Angeles, Calif.
Huscroft's Flower Shop, Steubenville, O.
Johnston & Co., T. J., Providence, R. I.
Joseph's, 233-235 Grant Ave., San Francisco.
Joy Floral Co., Nashville, Tenn.
Keller Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia, Pa.
Mangel, Chicago.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
McMurray, D. M., Pueblo, Colo.
Metairie Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J. & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Pearson, E. W., Newburyport, Mass.
Penn, The Florist, Boston, Mass.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Potter Floral Co., El Paso, Tex.
Pyfer & Olsem, Wilmette, Ill.
Randall's Flower Shop, Worcester, Mass.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London and Norwich, Conn.
Reuter's, Westerly, R. I.
Robbins, F. A., Augusta, Me.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Schmidt, Chas. L., Harrisburg, Pa.
Sekenger, Adam, Bangor, Me.
Seki Bros. & Co., Los Angeles, Calif.
Smith & Feters Co., Cleveland, O.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Van Meter Flower Shop, Springfield, O.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Whitted Floral Co., Minneapolis, Minn.
Wilson, J. S., Floral Co., Des Moines, Iowa.
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High Grade Cut Blooms

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Amsterdam, N. Y.—John C. Hatcher.
Augusta, Me.—Robbins, F. A., 122 Winthrop St.
Bangor, Me.—Sekenger, Adam, 32 Newbury St.
Boston, Mass.—Comley, Henry R.
Boston, Mass.—Thos. F. Galvin, Inc.
Boston, Mass.—Penn. The Florist.
Brooklyn, N. Y.—Brooklyn Cut Flower Market.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Briggs Floral Co.
Chicago—Central Floral Co., 132 N. State St.
Chicago—Friedman, 522 S. Michigan Blvd.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder, 3343 W. Madison St.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel, 17 E. Monroe St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Petters Co.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews, the Florist.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—J. S. Wilson Floral Co.
Detroit, Mich.—Central Floral Co., 35 Broadway.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
El Paso, Texas—Potter Floral Co.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Harrisburg, Pa.—Charles L. Schmidt.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles, Calif.—Howard & Smith.
Los Angeles, Calif.—Seki Bros. & Co.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Milwaukee, Wis.—J. M. Fox & Son, Inc.
Montreal, Quebec—The Dominion Floral Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
Newburyport, Mass.—E. W. Pearson.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Henry Hart, Inc.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—G. E. M. Stumm.
New York—Young & Nugent.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia, Pa.—M. J. Callahan.
Philadelphia—The London Flower Shop, Ltd.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Providence, R. I.—T. J. Johnston & Co.
Pueblo, Colo.—McMurray, D. M.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Schenectady, N. Y.—John C. Hatcher.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Foster, Fred.
St. Louis, Mo.—Grimm & Gorly.
St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Joseph's, 233-35 Grant Ave.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Springfield, O.—Van Meter Flower Shop.
Springfield, Mass.—N. F. Higgins.
Steubenville, O.—Hirschroff's Flower Shop.
Syracuse, N. Y.—Miles S. Hencle.
Terre Haute, Ind.—J. C. Heini & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
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Zech	162	214	161
Einweck	174	162	172
Olsem	258	182	196
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We deliver in Maine and all New England points.

Mention the American Florist when writing.

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

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Cleveland, O.

A. Graham & Son

5523 Euclid Ave.

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Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Mention the American Florist when writing.

Washington, D. C.

GEO. H. COOKE
FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing.

Randolph & McClements
Floral Experts

5936 Penn Av., **PITTSBURGH, PA.**

Members of Florists' Telegraph Delivery.

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Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, **Buffalo, N. Y.**

Anderson service means fresh, sturdy stock, and prompt deliveries in **Buffalo, Lockport, Niagara Falls** and Western New York.

Members of Florists' Telegraph Delivery.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing.

PROVIDENCE, R.I.

and all **T. J. JOHNSTON & CO.**

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing.

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President; F. W. Bolgiano, Washington, D. C., First Vice-President; L. L. Olds, Madison, Wis., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fifth annual convention, June, 1917.

ERFURT, GERMANY.—Mrs. F. C. Heinemann died here September 17, at the age of 89.

SANFORD, FLA.—The Allen Seed Co. has moved its establishment from Trilby, Fla., to this city.

CHAS. M. JACKMAN, foreign representative of Vaughan's Seed Store, Chicago, is expected home soon.

MARYSVILLE, O.—Scott & Son's Co. has erected a three-story warehouse to be devoted to field seeds exclusively.

MILWAUKEE, WIS.—L. L. May and wife, of St. Paul, Minn., spent the week here and will visit Chicago before they return.

CHICAGO.—Prices for grass seed on the Board of Trade, November 8, were as follows: Timothy, \$3.75 to \$5.50 per 100 pounds.

NEBRASKA growers are making a high percentage of delivery on their sweet corn, notwithstanding the scarcity in other parts.

H. A. BARNARD, representing Stuart Low & Co., Enfield, Middlesex, Eng., was the guest of the Horticultural Club of Boston at its October meeting.

BOTH field and sweet corn prices are unsettled and holders' views are much at variance. Figures are named between \$3 and \$10 per bushel for sweet corns.

SACRAMENTO, CALIF.—The partnership existing between Harry Benson and Felice Lagomarsino, trading as the Benson-Lagomarsino Seed Co., has been dissolved.

SCHENECTADY, N. Y.—The Empire Seed Co. has been incorporated by Chas. Vernon, Chas. D. Filkins and Harry E. Stevens, with a capital stock of \$5,000.

ONION SETS in storage in the Chicago district are suffering from the unusually high November temperature, the thermometer last Sunday registering over 70 degrees.

COUNT D'ESTIENNE, of Vilmorin, Andrieux & Co., Paris, France, writing September 16, 1916, says: "My six brothers-in-law, now with the colors, are quite well so far. Two of them have been awarded the Legion of Honor.

WESTERN bulbs sales are steadily reducing stocks in a satisfactory way. At New York conditions still reflect wholesale dumping of imported stocks, Spanish iris, Colvillei gladiolus, spirea and lily of the valley are past due and anxiously awaited.

EASY MARKS.—Dutch bulb drummers say that in no country on the globe are orders taken so easily as in America. Buyers will place large orders in advance at good prices for the coming season's business without any practical knowledge of either the coming season's crop or market.

Canned Goods Advance.

At a meeting of the Ohio State Canning Association, held at Columbus, October 31, increases of from 20 to 40 cents a dozen on canned goods for 1917 were predicted by officials. The meeting was called to discuss acute conditions in the canning industry caused by the unprecedented rise in prices of materials.

Burpee-Lee Wedding.

The wedding of W. Atlee Burpee, Jr., and Miss Jeanette D. Lee, Wednesday, November 1, at St. James' church was a brilliant affair. The church was handsomely decorated with palms, chrysanthemums and other flowers. The bride carried a shower bouquet of lily of the valley and orchids. The matron of honor's bouquet was of American Beauty roses. David Burpee, the groom's brother, was best man. The wedding breakfast was held at the St. James hotel, where, after an extended tour, the newly married couple will reside for the winter.

Seeds for the Argentine.

Seedsmen wishing to send seeds to the Argentine Republic should conform to certain requirements, which as stated by the consul general of the Argentine Republic at New York City are, that the seed grower must make an affidavit before a notary public, the notary public attaching his jurat and official seal, stating that the seeds are free from diseases. A similar affidavit should be obtained from the county clerk and both certificates or affidavits sent to the consul general of the Argentine Republic at New York for certification, the fee for which is \$2. CURTIS NYE SMITH.

Albert Dickinson.

Great men are modest. Albert Dickinson was one of the greatest in the seed world. He mustered out several years ago. Intense was his middle name. He was a slave to work. He secured very profitable results. Now he devotes himself to pleasure. He enjoys Orange City, Fla., about eight months in the year. Summers he travels. He has large investments in Chicago. Tenpins has been his favorite recreation. It takes an average of 225 to beat him. When in active business he would bowl evenings. He was shy about the ladies until a few years ago, when he embraced a life partner. Both are happy, enjoy good

health and the Florida climate. He says it is a great place for elderly people to renew their youth. We will visit there as soon as we arrive at the age of discretion. He has furnished cottages to rent. War talk reminds him of his youth. He was in the Civil war from early 1861 to July, 1864. He was a mere lad but a great gunner. His execution was exceptional. So it was in the seed business. The firm goes on forever. It was a family affair. Charles Dickinson is now the director general, and another great one like his brother Albert. He has scores of expert assistants. Seed men who visited the convention there were amazed at the wonderful and gigantic institution. It is the greatest in the world. There are others, but of a smaller capacity. —C. A. King & Co.'s Toledo Bulletin, July 22, 1916.

Weeds.

Under the title of "Weeds and How to Control Them," the department of agriculture, Washington, D. C., has just issued Farmers' Bulletin No. 660, containing 29 pages freely illustrated with directions for the control of the more troublesome weeds and a table of the 50 worst kinds, showing the common and botanical names, duration; color, size and arrangements of flowers; sections where injurious, seed distribution, propagation, place of growth, products injured, etc.

Imports at New York.

During the week ending November 4 imports were received at New York as follows:
From Rotterdam, Holland:
Johnson & Millang, Inc., 35 cases shrubs, etc., 4 cases bulbs.
M. Van Waveren & Sons, 345 cases pips.
Elliott Auction Co., 60 cases bulbs.
A. T. Boddington Co., 2 cases bulbs.
Vaughan's Seed Store, 10 cases bulbs.
A. Roelker & Sons, 22 cases shrubs, etc.
J. B. Keller Sons, 22 cases plants.
Ralph M. Ward & Co., 134 packages plants.
MacNiff Hort. Co., 178 cases shrubs and plants, 95 cases bulbs.
McHutchison & Co., 364 packages shrubs, etc.
Stumpp & Walter Co., 2 cases trees, etc.
To order and to others, 1,607 shrubs and plants, 540 tubs trees, 245 cases bulbs.
From Cartagena, Spain:
John De Buck, 34 cases orchid plants.
From London, England:
Nungesser-Dickinson Seed Co., 50 bags seed.
To order, 106 bags seed.

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids,

Mich.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Lilium Harrisii BULBS

	Per 100	Per 1000
5 in. to 7 in.....	\$ 4.50	\$36.00
7 in. to 9 in.....	8.00	72.00

PAPER WHITE NARCISSUS GRANDIFLORUS

Prices on application.

WE OFFER TO FLORISTS
A CHOICE SELECTION OF
HYACINTHS, TULIPS, Etc.,
FOR FORCING OR
OUTDOOR PLANTING.

Send us a list of your requirements and
we will give you attractive
special prices.

J. M. THORBURN & CO.
53 Barclay Street, through to 54 Park Place
NEW YORK CITY.

S. M. Isbell & Co.

JACKSON, MICH.

Contract Seed Growers

Beans, Cucumbers, Muskmelon,
Watermelon, Squash, Sweet Corn.

Michigan-grown Radish our Specialty.
Correspondence Solicited.

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO. SANTA ANA, CALIFORNIA.

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Bulbs for Present Planting

HYACINTHS

First Size—L'Innocence, Albertine, Grand Maitre, Gertrude,
Gigantea, King of Blues.....\$4.25 per 100
Second Size—Named variety.....\$28.00 per 1000

NARCISSUS

	Per 1000
Emperor, M. B.....	\$17.50
“ 1st size.....	12.00
Empress, M. B.....	17.50
“ 1st size.....	12.00
Victoria Bic., M. B.....	19.00
“ 1st size.....	13.00

CROCUS

	Per 1000
Named variety.....	\$7.50
Mixed.....	4.00

Giganteum Lilies

	Per case
7- 9, 300 to case.....	\$15.00
9-10, 200 to case.....	20.00

Complete Line of Tulips—Single, Double and Darwin.

WRITE FOR TRADE PRICE LIST.

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"

411-413 Washington Ave.,

St. Louis, Mo.

Asparagus Plumosus Nanus

Greenhouse Grown Seed

1,000 Seeds, \$3.50

10,000 Seeds, \$32.50

Californian Grown Seed

1,000 Seeds, \$2.50

10,000 Seeds, \$22.50

5 per cent discount, Cash with order.

ARTHUR T. BODDINGTON CO., Inc.

128 Chambers Street,

NEW YORK.

Kentia Seeds

New Crop--Just Arrived.

KENTIA BELMOREANA KENTIA FORSTERIANA
COCOS WEDDELIANA

WRITE FOR IMPORT PRICES, STATING QUANTITY REQUIRED.

McHUTCHISON & CO.,

THE
IMPORT HOUSE

95 Chambers St., NEW YORK

BEANS, PEAS, RADISH

AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write or prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St.,

Telephone Main 2762.

CHICAGO

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT,

NEBRASKA

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc.
Moorestown, New Jersey

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale
Farm.**Bristol, Pa.**

Mention the American Florist when writing

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City**THE C. HERBERT COY SEED CO.**

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF
HIGH GRADE SEEDSCucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

97th Year

J. BOLGIANO & SON,Wholesale Garden and Field Seeds,
Onion Sets, Seed PotatoesGrowers of
Pedigree Tomato Seeds **Baltimore, Md.****American Bulb Co.**

A. Miller, President.

WHOLESALE DEALERS IN

Bulbs, Seeds, Supplies, Etc.

178 N. Wabash Ave., Chicago, Ill.

THE

J.C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corn.

Contract Seed GrowersSpecialties: Pepper, Egg plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

My New PRICE LIST of

**Winter Orchid-Flowering
Sweet Pea Seed**Has been mailed. If you have not received a
copy, send Postal for it.

Part of new crop is ready now.

Ant. C. Zvolanek, Lompoc, Calif.**GARDEN SEED**Beet, Sweet, Corn, Garden Beans, Onion Sets,
and Seed Potatoes in variety. Also other items
of the short crop of this past season, as well as a
full line of Garden Seeds, will be quoted you upon
application to**S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK**
and Orange, Conn.**SPECIAL OFFER TO FLORISTS****Lilium Formosum (Black Stem)**Size, 7 to 9-inch, cases of 300, per case, **\$15.30**Size, 9 to 10-inch, cases of 175, per case, **14.00****Lilium Longiflorum Multiflorum**Size, 7 to 9-inch, cases of 300, per case, **\$13.20**Size, 9 to 10-inch, cases of 200, per case, **14.20**Size, 10 to 11-inch, cases of 150, per case, **14.55**

JUST ARRIVED FROM JAPAN IN FINE CONDITION. NOT LESS THAN ONE CASE SOLD

J. M. THORBURN & CO.,53 Barclay St., through to 54 Park Place. **NEW YORK CITY****KELWAY'S
SEEDS--Flower, Vegetable and Farm**

For present delivery or on contract. Wholesale only.

Special quotations for next season and
from 1917 harvest now ready.**Langport, - England.**

Mention the American Florist when writing.

TOMATO SEEDAlso Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed
and Field Corn, in variety, on contract.**EDGAR F. HURFF,**Correspondence Solicited. **SWEDSBORO, N. J.****Grass Mixtures**

— FOR —

Golf-Tennis-Polo

MEET ALL REQUIREMENTS FOR ALL SOILS

The Albert Dickinson Co.,
CHICAGO, ILL.**The L. D. Waller Seed Co.**

Gaudalupe, California

Wholesale Growers of

**FLOWER SEEDS, SWEET
PEAS AND NASTURTIUMS**

Correspondence Solicited.

Henry Fish Seed Co.**Bean Growers for the
Wholesale Seed Trade****CARPINTERIA, CALIF.**

Mention the American Florist when writing.

BRUNNINGSNow contracting for Beans and Peas
for 1917, 1916 stocks being exhausted.**AUSTRALIAN BROWN ONION**

1915-1916 crop seed still available

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA**Waldo Rohnert****GILROY, CAL.****Wholesale Seed Grower.**Specialties: Lettuce, Onion, Sweet Peas, Asters,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing.

The Everett B. Clark Seed Co.**GROWERS FOR THE TRADE**Beans, Peas, Sweet Corn, Onion, Turnip,
Radish, Beet, Etc.Branches: Michigan, **MILFORD, CONN.**
Wisconsin and Idaho.

Mention the American Florist when writing.

For Indoors or Outdoors--Do it Now

NARCISSUS

PAPER WHITE
GRANDIFLORA

A few cases only:

Write for prices

Bulbs for Present Planting

DARWIN TULIPS

IN QUANTITY. GRAND BEDDERS.

"Joss" LILIES.

(CHINESE
NARCISSUS)

At Chicago

PER MAT (120
BULBS) - \$5.50

SPECIAL PRICES on LEADERS

HYACINTHS---Dutch Romans.

Just the thing to grow for your EASTER SALES.

Named Varieties. Extra Selected Bulbs, per 1000.....\$12.50

HYACINTHS

Per 1000

Hyacinths Named, 1st size, our selection.....	\$42.00
Hyacinths Named, 2nd size, our selection.....	30.00
Miniature, our selection.....	12.50
Mooy's Christmas Pink Hyacinth.....	38.00

NARCISSUS

Per 1000

Soleil d' Or, Early.....	\$25.00
French Trumpet Major (1750 bulbs to the case)	13.00
Victoria (Bicolor), mother Bulbs.....	20.00
Select Size.....	11.00

TULIPS--Early Single Named

Per 1000

La Reine	\$ 7.00
Artus.....	6.50
L'Immaculee.....	8.50

Per 1000

Rose Gris de Lin	\$ 7.50
Yellow Prince.....	8.65
Couleur Cardinal.....	14.50

Per 1000

Duchess de Parma	\$ 9.50
MURILLO (double).....	10.00
Fine Mixed Single.....	6.00

TULIPS--Darwin and Cottage

Per 1000

GESNERIANA SPATHULATA.....	\$ 9.50
MAD. KRELAGE.....	13.00
Bouton d'Or.....	9.50
Emerald Gem.....	24.00
Bizarde--Mixed.....	9.00

Per 1000

Baron de La Tonnaye.....	\$10.00
FLAMBEAU.....	11.50
REV. H. EWBANK.....	14.00
NAUTICUS.....	11.00
Inglescomb Scarlet.....	16.00
Isabella.....	9.00

Per 1000

EUROPE	\$15.00
SULTAN	10.00
MARGARET.....	9.00
Maiden's Blush.....	10.00
Parisian White.....	12.00

Lilium Formosum

Per 1000

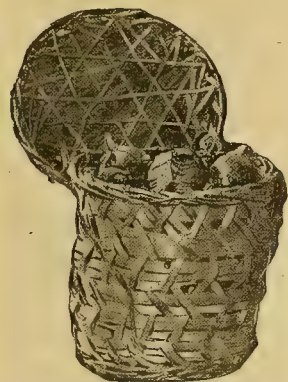
6 to 8-inch, (350 to case) regular strain.....	\$35.00
6 to 8-inch (350 to case) true black stem variety.....	40.00

Lilium Giganteum

(New
Crop)

Per 1000

6 to 8-inch (400 to case).....	\$30.00
7 to 9-inch (300 to case).....	45.00
8 to 9-inch (250 to case).....	65.00
8 to 10-inch (225 to case).....	73.50
9 to 10-inch (200 to case).....	88.00



Lilium Candidum

Per 1000

Regular Grade (20-22 ctm.).....\$48.00

Lilium Multiflorum

Per 1000

7 to 9-inch (300 to case).....\$45.00

VAUGHAN'S SEED STORE

CHICAGO

NEW YORK



James Vick's Sons

Seedsmen, Nurserymen, Florists

SEEDS All the leading
PLANTS kinds for summer
BULBS and fall planting.

Ask for Catalogues. ROCHESTER, N. Y.

R. & M. GODINEAU

SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

SIMON LOUIS FRERES & CO.,

Bruyeres-le-Chatel (Seine et Oise), France.

ESTABLISHED 1666.

Wholesale Growers and Exporters of Choice Stocks of

Vegetable, Flower and Forage Seeds

Specialties—Giant Half-Sugar Mangel-Wurzel, Beet, Carrot, Celery, Dandelion,
Endive, Leek, Lettuce, Radish, Swiss-Chard, Swede and Turnip,
IMPORTERS OF—Red-top, Meadow Fescue, Blue
Grass, Sunflower, Timothy and Garden Peas. ENGLISH
CORRESPONDENCE.

Our traveling salesman, MR. LAWRENCE S. PAYN, who has been calling on the American
trade for many years past, is now in the United States and all mail should be addressed
to him care F. B. Vandegrift & Co., 15 Whitehall Street, New York.

Market Gardeners

Vegetable Growers' Association of America.

H. W. Selby, Philadelphia, Pa., President;
H. F. Thompson, Arlington, Mass., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; Eugene Davis, Grand Rapids,
Mich., Treasurer.

Next annual convention will be held at
Springfield, Mass., in 1917.

THE fifth annual convention of the Wisconsin Potato Growers' Association will be held in Eau Claire, Wis., November 21-24.

EXPERIMENTS are now being carried on in Germany, which if successful, may result in the use of cement posts in hop gardens for carrying the wires on which the vines grow.

Prices of Indoor Fruits and Vegetables.

Chicago, Nov. 7.—Mushrooms, home grown, 30 cents per pound; lettuce, small cases, 4 to 7 cents; radishes, \$1.50 per 100 bunches; celery, 60 to 75 cents, open crate; tomatoes, 10-lb. baskets, \$1.00 to \$1.40; cucumbers, per 2 dozen box, \$2.00 to \$2.25.

New York, Nov. 7.—Celery, per crate, \$1.00 to \$3.00; cucumbers, \$1.00 to \$1.50 per dozen; mushrooms, 75 cents to \$1.50 per 4-lb. basket; tomatoes, per package, 25 cents to \$1.50; radishes, per 100 bunches, 50 cents to \$1.00; lettuce, per package, 25 cents to \$1.25.

Beans Under Glass.

For a number of years we have been experimenting with various crops to take the place of lettuce under glass in the early fall months. We have tried the better varieties of green-podded bush beans with good results, but this season we decided to enlarge this work and use a pole variety. We selected the well-known Kentucky Wonder corn bean, mainly because it is well liked on our market in the summer months; besides it is a good producer and when picked right, is of fine quality. The seeds were sown directly into the greenhouse beds, spaced 24x24 inches. Only two plants were retained in each hill and the plants were trained to binder twine run up to over-head wires. The beans made tremendous growth and had to be headed in a number of times to keep in bounds or they would have climbed out of the ventilators. We have never seen Kentucky Wonder grow so luxuriantly before—in fact, this variety always is rather stunted outdoors in our locality. We remember that an old grower once made the remark that this class of beans resents all air currents—high winds being disastrous. This would account for our fine growth indoors.

During the hot weather we showered them once or twice a day with Skinner nozzles to expand the foliage, but since the cooler weather set in we have withheld water. The plants have now a heavy crop of beans, and the nicest beans we ever saw. As regards market, we have offers at \$4.00 per bushel, which will likely prove a paying proposition. The culture has been of the easiest—the one point we were particular about was the right temperature, 60°, never less. These beans were planted August 20, first picking October 26, or about eight weeks to

maturity. The plants promise a large yield, as they are full of small beans and thousands of blossoms. They seem to set fruit readily, without assistance, and also during dark weather. We believe this can be worked out a paying greenhouse crop.

MARKETMAN.

Wichita, Kans.

CHRYSANTHEMUMS CROWD MARKET.

Chrysanthemums now occupy the stage, also the dressing rooms, foyer and basement—and likely the alley before long. Warm weather has hurried stock along so that the chrysanthemums seem to have deserted their time-honored schedule and broken in to a wild scramble for the finish, and it appears that the florist's main job is to try and guide them safely, and if possible, profitably, into the hands of the ultimate consumer—which is some task of itself. The quality is generally good and the demand fair, but under the conditions it will have to improve, or loss will follow. Business for October was good, and slightly better than for October, 1915. Hal-lowe'en made but little extra demand for florists' goods.

NOTES.

The store of W. H. Culp & Co. is making a splendid display of chrysanthemums, both cut flowers and plants, and with their window displays it is one of the show places of the town. Last week one of the windows was filled with vases of chrysanthemums, one sort to a vase or basket. Each sort was labeled with a neatly lettered card giving the name of the variety. About 18 or 20 varieties were shown and it attracted much attention.

Fancy pottery ware occupies a prominent place in the Wichita florist shops, and there seems to be no doubt that the newer forms of flower bowls and holders will help to increase the use of flowers.

Chas. P. Mueller has added additional office and stock storage room, by taking the second floor above his store at 145 North Main street.

Visitors: J. L. Vaughan, of Winfield, Kan.; Theo. Kaptein, of Holland.

Los Angeles.

GOOD STOCK BUT DEMAND WEAKENS.

The market is more quiet than a week ago. There were several weddings, but not so much demand in funeral lines. Chrysanthemums are now in their glory—for size, form and fullness, they are unusually fine just now. Violets are becoming cheaper and some good cyclamens are appearing. Roses continue to improve. This city, not to be outdone by her ambitious suburb, Pasadena, has a flower shower on for this week in combination with a house-

beautiful exhibition. The displays in the flower show consist not only of cut flowers, but plant collections from the finest estates of the southland, which are in charge of a committee consisting of W. W. Felgate, Frank Shearer, James McGillivray, Wm. T. Shields, Alex. Urquhart, Wm. Hertrich, A. A. Hunt and James Taylor, all prominent gardeners and horticulturists.

NOTES.

H. R. Richards, who was formerly with the Germain Seed & Plant Co., has gone into the wholesale flower business, having taken an interest in the S. Murata Co.

S. Marcond now has his store at 208 West Third street fitted up as per a former announcement, and seems to be selling a nice line of cut flowers.

Seki Bros. & Co. are shipping many chrysanthemums these days. They have had some good wedding orders.

Wolfskill Bros. & Morris Golden-sen have a nice lot of cyclamens, also Chinese lilies.

G. H. H.

Providence, R. I.

SUPPLY PLENTIFUL AT RIGHT PRICES.

Business during the past week has been satisfactory, the supply being plentiful and of good quality and from the retailers' standpoint prices were about right. Snapdragons in pink and white are arriving and good pompons are seen and meet with ready sale. Roses have taken a back seat temporarily, but carnations are abundant in quantity and good in quality and are to be had at low figures. This flower shows steady improvement. Violets are somewhat poor, being affected by the warm weather. There is a good assortment of orchids, cattleyas being especially abundant. In flowering plants, chrysanthemums take the lead, and a fine line of foliage plants are also offered.

NOTES.

Greenhouse owners in this vicinity are facing a serious problem in regard to the coal supply. A number who made contracts in the spring claim they cannot get delivery and the coal dealers will not state when delivery will be made. Coal in this city is now selling at \$12 per ton, an advance of \$3 to \$5 a ton over the corresponding period of 1915.

H. A. T.

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.

THE BEST AMERICAN BOOK ON THE SUBJECT
170 Pages.—Price \$1.00—29 Illustrations.

AMERICAN FLORIST COMPANY
440 S. Dearborn Street, Chicago.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1787.)

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Chestnut Blight.

As the result of experiments in the state forest at Portland, the Connecticut agricultural experiment station at New Haven has determined that the cutting and removal from woodlots of trees infected with chestnut blight does not prevent the spread of that disease; also, that the cost of inspection, cutting and removal is too high in comparison with the results obtained to warrant its adoption from a commercial standpoint. The experiments which have extended over several years, show that the number of infected trees have increased year by year, and very rapidly in 1913 and 1914. Certain areas in the forests, amounting to about 130 acres, were selected and on them were counted, marked and removed all infected chestnuts each winter. In other check areas adjoining, the infected trees were marked but not removed. By this means the progress of the disease in successive years was determined, the comparison showing the number of infected trees in each plot the last year of the experiments to be about equal.

Epigaea Repens.

Please advise as to the best garden location for trailing arbutus (*Epigaea repens*) and the best way to handle it under garden conditions. C.

The trailing arbutus (*Epigaea repens*), although a common native plant in cool woods throughout the north and northeastern states, usually does not do well when attempts are made to take it from its natural conditions and place it under garden conditions. Unlike most ericaceous plants, it grows in areas where lime is present in the soil, for the writer has seen it thriving over large areas of limestone regions. It is also common in regions where there is no lime in the soil. Usually it is found at its best in sandy loam, on a gravelly, well-drained subsoil, under partial shade, with its roots penetrating a cover of leaf soil or humus. The only thing to do is to try and imitate these conditions. In removing it from its native haunts, dense tufts of low growing, and apparently your plants should be selected. These should be lifted intact and to such a depth that the roots are not in the least disturbed and placed in conditions in the home grounds or garden, exactly similar to those from which they were taken. To place the plants in ordinary herbaceous borders and cultivate them in the same way as columbines, campanulas, irises, etc., certainly means failure. If there is not a cool "woody" corner on the grounds, select some sloping corner as near as possible to these conditions, well drained, cool and partially shaded; place the tufts in holes that equally fit them and leave them undisturbed. Of course they must not be choked out with grass or coarse weeds. If these appear they should be hand-weeded.

In dry weather water the plants occasionally. In winter give a little mulching of leaves. D.

The Chinese Viburnums.

As compared with most of the American and some of the Japanese species the new viburnums from western China are of small value as flowering plants, but at least two of them, *V. theiferum* and *V. hupehense*, deserve a place in the garden for their handsome fruits. That of *V. theiferum* is found in broad, long-stalked, drooping clusters and is oval and about half an inch long. Early in October this fruit is light orange color and very lustrous, but later becomes scarlet. This viburnum has grown rapidly in the arboretum, where it forms a broad shrub with rather spreading stems. The leaves are thick, long and narrow, dark dull green, conspicuously veined, and hang on long stalks; the flowers are small, and in small, compact clusters. The leaves are used by the Chinese in the mountain regions of the west as a substitute for those of the tea plant. As it grows here it proves to be the best of the numerous viburnums introduced by Wilson. *Viburnum hupehense* is a vigorous shrub with erect stems, smaller and thinner leaves than those of *V. theiferum*, and globose scarlet fruits about one-third of an inch in diameter, in broad lax, many-fruited clusters. Of no particular beauty when in flower, just now this plant is one of the most attractive of the red-fruited viburnums in the collection. These two plants can be seen in the general viburnum collection on the right-hand side of the Bussey Hill road and to better advantage in the collection of Chinese shrubs on the southern slope of Bussey Hill.—Arnold Arboretum Bulletin.

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Bulbs for present sowing. Hyacinths, Narcissus, Crocus, Giganteum lilies. For varieties and prices see advertisement elsewhere in this issue. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

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Liliun Giganteum, true type; best in the country. 6x8 (400 to case), \$15 per case; 7x9 (300 to case), \$15 per case; 8x9 (275 to case), \$17.50 per case; 8x10 (250 to case), \$13 per case; 9x10 (200 to case), \$19 per case. American Bulb Co., 172 N. Wabash Ave., Chicago.

Bulbs. Just received last carload of choicest hyacinths, tulips, narcissi, etc. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Bulbs, seeds, supplies, etc. Wholesale only. American Bulb Co., 178 N. Wabash Ave., Chicago.

CARNATIONS.

Carnations, rooted cuttings, Rosalia, Old Gold, Merry Christmas, Doris, Cottage Maid and Crystal White. Delivery January 1917 and later. \$12 per 100, \$100 per 1,000, 250 at 1,000 rate. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

New carnation Cottage Maid. A sport of Mrs. C. W. Ward. Rooted cuttings, \$12 per 100; \$100 per 1,000. Cottage Gardens Co., Inc., Queens, New York.

CARNATION PLANTS. Some extra nice Philadelphia is all we have left. \$5.00 per 100. HENRY SMITH, Grand Rapids, Mich.

Carnation Aviator. Field plants, good strong healthy stock, \$12 per 100; \$100 per 1,000. Delivery now. J. D. Thompson Carnation Co., Joliet, Ill.

Carnations. F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

MUM STOCK PLANTS, clean and healthy. Book orders now.

Yellows: Chrysolora, Halliday, Solomon's Gold, Ramapo, Nagoya, Golden Gate, Dolly Dimple, Golden Wedding, Plenridge, Mrs. Neil, Pink: Chieftain, Mrs. Perrin, Enguehardt, Seidiwitz, Helen Frick.

White: Touse, Early Frost, White Frick, Lynwood Hall, Mistletoe, Emberta.

Red: argentillum, Luxford, Perfect Tillier, Harvard.

Pompons: Helen Newberry, Harry Hicks, E. D. Godfrey, Baby Yellow, Baby White. Carpet of Snow, Oneita, Elva, Lulu, Lillia, Klondike, Mrs. F. Ben.

Singles: Mrs. Buckingham, Mensa, Golden Mensa, Ladysmith, White Anemone.

Price \$1.00 per doz. Cash please. W. H. CULP & CO., Wichita, Kans.

CHRYSANTHEMUM STOCK PLANTS.

Fine large plants full of cuttings. Price, \$15.00 per 100, \$3.00 per dozen. We dig all our plants from soil. They are not pulled up.

Varieties—in white, Early Frost, Crystal Gem, Oconto, White Chieftain, October Frost. In yellow—Golden Queen, Marigold, Yellow October Frost. In pink—McNiece.

BASSETT & WASHBURN. 178 N. Wabash Ave., Chicago

ALEX GUTTMANN.

Chrysanthemum (Dinda), the best early lavender-pink in the market. Blooms have been selling for \$6.00 per dozen since middle of September. Stock plants 75c each; \$7.50 per dozen. GUTTMAN & RAYNOR, Inc., Wholesale Florists, 101 W. 23rd St., New York, or Frank Dinda, Farmingdale, L. I., N. Y.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS. Good commercial varieties, 2½-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

Coleus, Brillancy, 2-in., \$3 per 100; Trailing Queen, \$2.50 per 100. The George Wittbold Co., 737 Buckingham Place, Chicago.

COLEUS "Defiance." It defies any other coleus for commercial purposes. C. Winterich, Cyclamen Specialist, Defiance, O.

Coleus, Emperor William, 5-in., 25c to 35c each. Poehlmann Bros. Co., Morton Grove, Ill.

CROTONS.

Crotons, 4-in., \$4.20 per doz.; 5-in., \$6 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

Crotons, 4-in., 40c each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN. Improved Wandsbek type, 4-in., 12c, 15c and 20c; 5-in., 25c, 35c and 50c; 6-in., 60c and 75c. All in bud and elegant condition. Cyclamen seedlings, Wandsbek type, 8 varieties, equally divided, \$4 per 100; \$30 per 1,000. Rocco erecta, new, finest ever introduced. Comes in separate colors, \$5 per 100; \$40 per 1,000. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN, fine 4-in. stock, giant quality. \$15.00, \$20.00 and \$25.00 per 100. C. Winterich, Cyclamen Specialist, Defiance, O.

Cyclamen, for November and December delivery, 4-in., \$4.20 per doz.; 5-in., \$6 per doz.; 6-in., \$9 per doz.; 7-in., \$12, \$15 and \$18 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

DAHLIAS.

Dahlias. Best new and standard varieties. Peacock Dahlia Farms, Williamstown Junction, N. J.

DAISIES.**DOUBLE DAISIES, MONTROSE.**

The big giant double daisy in pink and white. Plant this giant daisy now. It is very hardy and will bloom early if planted now. Send your order in at once with the cash for strong plants, \$2.50 per 1,000.

GLOBE GREENHOUSES,

Second Ave., Munroe and Garfield St., Denver, Colo.

BEST FLOWERING DAISIES. Chicago White, special strain, 2½-in., \$5.00 per 100; Etoile D'Or (yellow), 2½-in., \$5.00 per 100. Cash, please. A. E. HUNT & CO., 30 E. Randolph St., Chicago.

DAISIES (bellis). Monstrosa, white and pink, also Longfellow and Snowball; strong, field-grown seedlings, \$2.00 per 1,000. Cash. Brill Celery Gardens, Kalamazoo, Mich.

DEUTZIA.

Deutzia Gracilis, pot grown, very bushy plants, now ready. Splendid forcing stock. 6-in., \$2.60 per doz., \$18 per 100; 8-in., \$3.50 per doz., \$25 per 100. Vaughan's Seed Store, Chicago and New York.

DRACAENAS.

Dracaena fragrans, 4-in., bushy stock, \$3 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

DRACAENA INDIVISA, 5-in., 35c. Harry Heini, West Toledo, O.

Dracaena Indivisa, 2-in., \$2 per 100, \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

FERNS.**BOSTON FERNS.**

	Per doz.
5-inch	\$ 2.40
6-inch	4.20
7-inch	9.00
8-inch	12.00
9-inch	15.00

THE GEORGE WITTBOLD CO.,
737 Buckingham Place, Chicago.

Bostons. Grown by us and are the finest in the west. 3-in., \$1.75 per doz., \$12 per 100; 4-in., \$2.50 per doz., \$20 per 100; 5-in., \$5 per doz., \$40 per 100; 6-in., \$8 per doz., \$60 per 100. Vaughan's Seed Store, Chicago and New York.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

BOSTON FERNS. Fine heavy plants from 4-in. pots, \$1.50 per doz., \$12.00 per 100; 5-in., extra fine, \$2.25 per doz., \$18.00 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

TABLE FERNS, best varieties, fine stock. 2-in., \$3 per 100, \$25 per 1,000; 3-in., \$5 per 100, \$40 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Fine Nephrolepis ferns. For varieties and prices see advertisement elsewhere in this issue. F. R. Pierson Co., Tarrytown, N. Y.

Ferns, table, 2½-in., \$3 each; 3-in., \$6 each; 4-in., \$12 each. Poehlmann Bros. Co., Morton Grove, Ill.

Fern dish ferns, 2½-in., best sorts, \$3 per 100. The Storrs & Harrison Co., Painesville, O.

GERANIUMS.

GERANIUMS. Extra strong, 2-in., S. A. Nutt, Ruby (best dark red), Dagata, Ricard, Red Wing, Vaud, Landry, La Favorite, Perkins, Oberle and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wylie, Aviator, Rogers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. F. H. DE WITT & CO., Wooster, O.

Geraniums. Alph. Ricard, Beauty Poitevine, Jean Vaud, Edmond Blanc and Scarlet Bedder, 2-in., \$2 per 100, \$20 per 1,000; 3-in., \$3 per 100, \$30 per 1,000. S. A. Nutt, Gen. Grant, Mad. Buchner, Mad. Recamier, Jean Oberlee, Abbie Schaffer, E. G. Trego, etc., 2-in., \$2 per 100, \$18.50 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, 2-in. pots, the following varieties in first class condition: Poitevine, Ricard, S. A. Nutt, E. G. Hill, Maryland, Perkins, Buchner, Alliance and Thibaut, \$22.50 per 1,000, for all orders booked before Nov. 10th. S. S. Pennock-Meehan Co., 1612 Ludlow St., Philadelphia.

GERANIUM CUTTINGS: Nutt, double Grant, Perkins, Castellaine, Vaud and Jaulin, \$14.00 per 1,000; Poitevine, \$16.00 per 1,000. HARRY T. MEAD, 1230 Hanover St., Manchester, N. H.

Geraniums, 100,000 in 2 and 2½-in. pots, in 28 varieties, \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, S. A. Nutt and Buchner, \$13.50 per 1,000; Ricard and Poitevine, \$16 per 1,000. Albert M. Herr, Lancaster, Pa.

GREENS.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. Caldwell, The Woodsman Co., Evergreen, Ala.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

Southern wild smilax, \$2.00 per case here. WINTERGREEN GARDENS, Marion, Ala.

HYDRANGEAS.

Hydrangeas, French. Heavy, well-grown field plants, 12 to 18 shoots, ready for 7 to 8 in. pots, \$7 per doz.; \$50 per 100. The Storrs & Harrison Co., Painesville, O.

HYDRANGEA OTAKSA, 3-in., \$5 per 100. Flowering sizes pot-grown, 25c to 50c each. HENRY SMITH, Grand Rapids, Mich.

Hydrangeas, 4-in., \$20, 5-in., \$30, 6-in., \$40 per 100. S. S. Pennock-Meehan Co., 1612 Ludlow St., Philadelphia, Pa.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

JERUSALEM CHERRIES.

Jerusalem Cherries, 4-in., stocky, \$1 per doz., \$8 per 100. The George Wittbold Co., 737 Buckingham Place, Chicago.

LANTANAS.

LANTANAS, 3-in., yellow and pink, strong plants, \$8 per 100; weeping, 3-in., \$6 per 100; 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

NARCISSUS.

Narcissus Bulbs. Golden Spur, double nose, \$20 per 1,000; single nose, \$13 per 1,000; Empress, \$20 per 1,000; Princess, double nose, \$10 per 1,000; single nose, \$7 per 1,000. American Bulb Co., 172 N. Wabash Ave., Chicago.

NURSERY STOCK.

Write for wholesale price list of ornamental nursery stock. MAYWOOD NURSERY CO., Maywood, Ill.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.**PALMS.****KENTIA FORSTERIANA SINGLE PLANTS.**

Leaves	Each
6 inch pots 5-6 28 inches high...	\$ 1.25
6 inch pots 6-7 32-34 inches high...	1.50
6 inch pots 6-7 34-36 inches high...	2.00
8 inch tubs 6-7 40-42 inches high...	3.50
8 inch tubs 6-7 42-46 inches high...	4.00
8 inch tubs 6-7 50 inches high...	5.00
9 inch tubs 6-7 52-56 inches high hv	7.00
10 inch tubs 6-7 60 inches high...	8.00
10 inch tubs 6-7 60-65 inches high...	12.00
15 inch tubs 6-7 8 feet high...	40.00
15 inch tubs 6-7 9-10 feet high...	50.00

KENTIA BELMOREANA SINGLE PLANTS.

Leaves	Each
2½ inch pots 4 15-18 45c each	Per Doz.
4 inch pots 5-6 16-18 45c each	.....\$5.00
6 inch pots 5-6 24 each	.....1.25
6 inch pots 5-6 28 each	.....1.50
8 inch tubs 5-6 42 each	.....5.00

KENTIA FORSTERIANA MADE UP PLANTS.

Plants	Each
6 inch pots 3 26-28 inches high.....	\$ 2.00
7 inch tubs 3 30-32 inches high.....	2.50
8 inch tubs 3 38 inches high.....	4.00
8 inch tubs 4 48-50 inches high.....	5.00
9 inch tubs 4 52 inches high.....	6.00
10 inch tubs 4 54 inches high.....	8.00
12 inch tubs 4 60-64 inches high.....	12.00
12 inch tubs 4 66 inches high.....	15.00
15 inch tubs 4 6-6½ ft. high, heavy.....	25.00
15 inch tubs 4 75-80 inches high.....	30.00

ARECA LUTESCENS.

Plants Each
6 inch pots 4 bushy, 24-26 inches high.\$1.25

ASPIDISTRAS.

5 inch pots 10-12 leaves green	\$1.00
6 inch pots 16-20 leaves green	1.50
5 inch pots 10-12 leaves var.	1.50

POEHLMANN BROS. CO.,
Morton Grove, Illinois.

LATANIA BARBONICA PALMS, 15-in. tubs, suitable for decorative work, \$5 each. Pandanus Veitchii, 15-in. tubs, \$5 each. HENRY SMITH, Grand Rapids, Mich.

Palms. Cocos Weddelliana, 2-in., \$1.75 per doz.; \$14 per 100; 3-in., \$2.50 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

PALMS.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th Sts., Philadelphia, Pa.

Kentia Palms, 4-in., \$40 per 100; 5-in., \$1 each. The Storrs & Harrison Co., Painesville, O.

Palms. Joseph Heacock Co., Wyncote, Pa.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. HENRY SMITH, Grand Rapids, Mich.

Pandanus Veitchii, 4-in., 35c each; 6-in., 75c to \$1 each; 7-in., \$1.25 each; 9-in., \$2.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

PANSIES.**THE BEST GIANT PANSIES.**

Our pansies are the best the world produces. They combine the choicest large flowering sorts of both European and American growers. It has been our aim to make this the finest strain of this favorite flower in existence. Raised at an altitude of 5,721 ft. above sea level gives them lots of fibrous roots. They start quickly. They are not soft.

Send your order in at once with the cash for field-grown plants, \$3.50 per 1,000.

GLOBE GREENHOUSES, 2nd Ave., Munroe and Garfield Sts., Denver, Col.

Pansy plants, transplanted, hardy, northern-grown: Bugnot, shade of red, bronze and reddish cardinal; Golden Queen, clear golden yellow; Mme. Perret, lovely shade of pink and rose; Siegfried, rich brown shade; yellow, immense flower, dark eye; Paris Market, improved strain of Trimardeau, choice, \$5.00 per 1,000; \$2.50 per 500.

EDW. W. SCHUSTER, Crookston, Minn.

Giant Flowering Pansy seedlings, heavily rooted, 35c per 100; \$2.50 per 1,000. Steele's Private Stock Pansy seedlings, exhibition strain, 50c per 100, \$4.50 per 1,000. Prepared to ship immediately short distances; advise shipping long distances only after October 10, to allow frost to harden. Cash. JOS. H. CUNNINGHAM, Delaware, Ohio.

PEONIES.

Peonies. Write for list. Peterson Nursery. Stock Exchange Bldg., Chicago.

PEPPERS.

Peppers, Bird's-Eye, bushy plants, 4-in., \$12.00 per 100; \$100.00 per 1,000.

Peppers, Celestial, 4-in., \$12.00 per 100; \$100.00 per 1,000.

Jerusalem Cherry, 4-in., \$12.00 per 100; \$100.00 per 1,000.

PYFER & OLSEM, Wilmette, Ill.

POINSETTIAS.

Poinsettias for Christmas flowering, 5-in., 25c; 6-in., 35c; 8-in., 60c; 9-in., 75c. Made-up, 7-in., 75c; 8-in., \$1 and \$1.25; 9-in., \$1.50 and \$2; 10-in., \$2 and \$2.50. The George Wittbold Co., 737 Buckingham Place, Chicago.

Poinsettias, 6-in., 50c each; 7-in., 75c each; 8-in., \$1 to \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

PRIMULAS.**PRIMULA MALACOIDES.**

Extra fine stock.	100	1,000
2-inch	\$3.00	\$27.50
2½-inch	4.00	35.00
3-inch	6.00	50.00

PYFER & OLSEM, Wilmette, Ill.

PRIMULA OBCONICA. Gigantea in splendid colors, (no white). 4-in., ready for 5-in., fine for Christmas, \$6.50 per 100. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Primula Obconica. Assorted rich colors, 4-in., \$1.50 per doz.; \$12.00 per 100; \$100 per 1,000. The George Wittbold Co., 737 Buckingham Place, Chicago.

PRIMULAS. Obconica, Chinensis and Malacoides, 2-in. pots at \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

Primula Obconica, 4-in., \$15.00 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

PRIVET.

California Privet, of superior quality, in all sizes from one to four feet. J. T. Lovett, Little Silver, N. J.

ROSES.**ROSES.**

We offer a choice lot of 2,000 Shawyer bench plants in lots of not less than 100 at the rate of \$5.00 per 100.

BASSETT & WASHBURN, Chicago.

ROSE PLANTS. Pink and White Killarney, 3-in. pots, own roots, \$6 per 100; \$50 per 1,000. My Maryland, 3-in., at \$8 per 100, \$75 per 1,000. All first-class stock. HENRY SMITH, Grand Rapids, Mich.

ROSES. 300 good, healthy Killarneys, grafted from 4-in. pots, 10c each, to close out. Cash or satisfactory reference. Can use a few Rose Pink Enchantress. W. W. COLES, Kokomo, Ind.

Rose plants for Easter. Extra strong 3-year-old field grown stock. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Roses. Pot-grown, 2½ and 4-in. Field grown, to pot, 5 to 6-in. The Leadle Floral Co., Springfield, O.

Roses, cannas and shrubbery. The Conard & Jones Co., West Grove, Pa.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seeds. Kentia. New crop, just arrived, Kentia Belmoreana and Forsteriana, Cocos Weddelana. Write for import prices, stating quantity desired. McHutchison & Co., 95 Chambers St., New York.

Seeds. Asparagus Plumosus Nanus, greenhouse grown, 1,000, \$3.50; 10,000, \$32.50. California grown, 1,000, \$2.50; 10,000, \$22.50. Arthur T. Boddington Co., Inc., 128 Chambers St., New York.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, contract growers of cucumber, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, contract growers of pepper; egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds. Bean, cucumbers, muskmelon, watermelon, squash and sweet corn. Michigan-grown radish our specialty. S. M. Isbell & Co., Jackson, Mich.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed. Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, specialties: Lettuce, onion, sweet pea, aster, cosmos, mignonette, verbenia in variety. Waldo Rohmert, Gilroy, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsley, parsnips, turnips. R. & M. Godineau, Angers, France.

Seeds, large growers and shipper of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds. Beet, sweet corn, garden bean, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

SEEDS.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Flower and garden seeds. Sweet Pea and Nasturtium a specialty. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds. Vegetable, flower and forage. Simon Louis Freres & Co., Bruyeres-le-Chatel (Seine et Oise), France.

Seed. Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

Seed. High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds. Flower, sweet pea and nasturtiums. The L. D. Waller Seed Co., Guadalupe, Calif.

Seeds. All the leading kinds for summer and fall planting. James Vick's Sons, Rochester, N. Y.

Seed. Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seeds, flower, vegetable and farm. Wholesale only. Kelway's, Langport, England.

Seeds. Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seed. For the wholesale trade only. Bralman Seed Growers' Company, San Jose, Calif.

Seeds. Pea and bean. Alfred J. Brown Seed Co., Grand Rapids, Mich.

Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seeds which succeed. Get quotations from Landreth, Bristol, Pa.

STRAWBERRY PLANTS.

Progressive and Superb, \$5.00 per 1,000. Other varieties as low as \$1.50 per 1,000. Catalog free. L. G. Tingle, Box 170, Pittsville, Md.

SNAPDRAGONS.

SNAPDRAGONS, the color of Ophelia rose, beautiful pink yellow, took first prize at the 1915 Cleveland show, topped and branched, 2-in., \$3.00 per 100; \$27.50 per 1,000. C. Winterich, Cyclamen Specialist, Defiance, O.

Snapdragons, 70 Silver Pink, 275 White, strong, bushy, cut back plants, 3-in., 5c. EDWARD W. SCHUSTER, Crookston, Minn.

SWAINSONA.

SWAINSONA, 4-in. pots, fine plants, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

TULIPS.

Late flowering Tulips. For varieties and prices, see advertisement on front cover of this issue. A. Henderson & Co., 211 N. State St., Chicago.

VEGETABLE PLANTS.

Grand Rapids and Big Boston head lettuce seedlings, \$1.00 per 1,000; transplanted, \$2.50 per 1,000. Satisfaction guaranteed. S. T. DAULEY & SON, Macomb, Ill.

VINCAS.

Vinca variegata, 2-in., \$2 per 100; \$20 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

VIOLETS.

VIOLETS. Gov. Herrick. The best of all. Fine field clumps, \$5.00 per 100; \$45.00 per 1,000. C. Winterich, Cyclamen Specialist, Defiance, O.

MISCELLANEOUS.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Choice landscape, decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., box 404, Dundee, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

MISCELLANEOUS.

Japanese tea garden and rockery for your greenhouse and conservatory. Made in a short time. T. R. Otsuka, 300 S. Michigan Ave., Chicago.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Av., Detroit, Mich.

Boiler flues, cleaned and trimmed. Stuttle's clamps and elbows to join flues. H. Munson, 1353 N. Clark St., Chicago.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Japanese miniature gardens, fern dishes, vases, flower pots, jardinières, etc. Nippon Garden, Inc., 259 Fifth Ave., New York.

Daylite glass cleaner, quick and powerful. Will not injure paint or putty; leaves no greasy surface. Andersen Specialty Co., 6 E. Lake St., Chicago.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Norway Spruce for miniature Christmas trees. 2-3 ft., \$15 per 100; 18-24 in., \$12 per 100; 12-18 in., \$10 per 100. Can be shipped at once or later on, up to December 1st. Jackson & Perkins Co., Newark, New York.

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Cane Stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000. Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

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Crawbuck Co., George W., New York.
Erne & Klingel, Chicago.
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Ford, William P., New York.
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Goldstein & Futterman, N. Y.
Gunterberg, M. C., Chicago.
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Hart, George B., Rochester, N. Y.
Hentz & Nash, Inc., New York.
Hoerber Bros., Chicago.
Holton & Hunkel Co., Milwaukee, Wis.
House of Ferns, New York.
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Kennicott Bros. Co., Chicago.
Kervan Co., The, New York.
Kessler, Wm. A., New York.
Kruchten, John, Chicago.
Kuehn, C. A., St. Louis, Mo.
Kuhl, Geo. A., Pekin, Ill.
Kusik & Co., H., Kansas City, Mo.
Kyle & Foerster, Chicago.
McCallum Co., Pittsburgh, Pa.
Meconi, Paul, New York.
Miller & Musser, Chicago.
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Miller, Stuart, Philadelphia, Pa.
N. Y. Cut Flower Exchange, New York.
Niessen Co., The, Leo, Philadelphia, Pa.
Percy Jones, Inc., Chicago.
Philadelphia Wholesale Florists' Exchange.
Pierson, A. N., Cromwell, Conn.
Pittsburgh Cut Flower Co., Pittsburgh, Pa.
Poehlmann Bros. Co., Chicago.
Pollworth Co., C. C., Milwaukee, Wis.
Polykrans, Geo. J., New York.
Pyfer & Co., A. T., Chicago.
Randall Co., A. L., Chicago.
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Reinberg, Peter, Chicago.
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Traendly & Schenck, New York.
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Weiss, Herman, New York.
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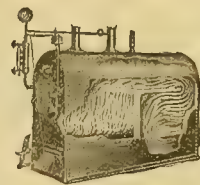


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Columbus.

SUPPLY PLENTIFUL; DEMAND WEAK.

Trade, taken as a whole, is quiet, with a tendency toward a glut in the principal staple flowers. There is a great consumption of chrysanthemums, but weather conditions are such that they are maturing too fast. The crop has reached its prime earlier than is desired, and florists fear that there will be a Thanksgiving shortage. Displays are large and beautiful. Prices range from \$1.50 to \$6 a dozen. The foregoing is also true of pompons, which are in unusual favor, selling at 75 cents a dozen. Several new varieties add to their prominence. Roses are too plentiful for the demand and growers are cutting them back in the hope of better prices at holiday time. Carnations are coming in freely, but many are short-stemmed. The demand is rather light at 75 cents a dozen. Lily of the valley is scarce and high, being about double the price of a year ago, and florists foresee a famine. There are plenty of violets and they are good stock. For the past few weeks funeral work has been more quiet than for many months. Florists claim that the decline of theatre-going in favor of the moving picture shows is making itself felt this season in their business in a greater degree than at any time heretofore. Azalea stocks are beginning to arrive, apparently in ample quantities, relieving the minds of dealers, who were fearful that their orders would not be filled. Dutch bulbs are slow in coming in, with the probability that the supply will be very short.

NOTES.

November 4 was a red-letter day with local florists because of the football game here between Ohio and Wisconsin state universities, which drew out a crowd of 12,000 people. Chrysanthemums and pompon sales were heavy for the event.

Mrs. A. J. Allwood is putting in a new range, consisting of two houses, on the River road, opposite Ohio State University, for growing vegetables. Heretofore she has been engaged in out-door gardening. C. J.

Rochester, N. Y.

FALL TRADE VOLUME INCREASES.

Excellent business has characterized the past week, showing a marked degree of improvement in the fall demand. Chrysanthemums rule the market, the offerings being of prime quality and carnations are also splendid, especially White Wonder, Delight, Enchantress Supreme and Perfection. Beacon and the red varieties are poor. In roses, the new red, Montrose, is very popular on account of its color. Ophelia, Sunburst, the Killarneys and Maryland are also very fine. Cornflowers, snapdragons, and pompons are also included in the good sellers. In flowering plants primroses, begonias, cyclamens, pompons and chrysanthemums are features.

NOTES.

The annual chrysanthemum show is now at its height at Lamberton conservatory in Highland park and is



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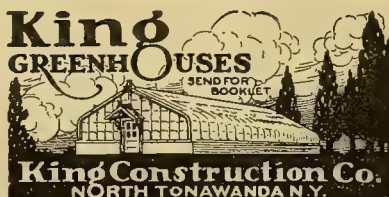
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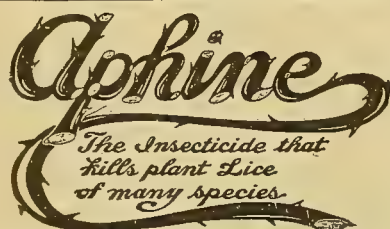
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A 12% nicotine solution properly diluted for fumigating or vaporizing.
 Quart, \$1.50. Gallon, \$4.50.

Until further notice shipments on our products **Fungine**, **Vermine** and **Scaline** will be subject to conditions of the chemical market. Prompt shipments can be guaranteed on **Aphine** and **Nikotiana**.

APHINE MANUFACTURING COMPANY
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Mention the American Florist when writing.

fully equal to the displays of former years. Many new pompon varieties are being shown and are attracting more than usual attention.

D. M. White, grower for H. E. Wilson, is producing some excellent Touse and Chrysolora chrysanthemums. Among his pompons, Fairy Queen is noteworthy. Carnations and roses are also well grown.

F. Schlegel's Sons report excellent business. Plants and bulbs for fall planting are selling well. Boston ferns, palms and primroses are moving in quantity.

E. R. Fry is cutting excellent chrysanthemums. His hospital trade, which is a large factor in his business, has shown a substantial increase.

C. W. Curtis has recovered from an attack of blood poisoning from which he has been suffering for several weeks.

Maurer-Haap Co. reports trade in shrubs and evergreens is now at its height.

Arthur Beyers, formerly with J. B. Kellers Sons, has gone to Erie, Pa. CHESTER.

SAYVILLE, L. I.—Frank Sobicek, 27 years a florist, was found dead November 2 in the cellar of his home with his head and shoulders in a sugar barrel. Wrapped about his head were towels and other articles taken from a clothes line in the yard. Near the body was a bottle containing chloroform; said to be suicide.

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Incorporated 1904

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New Brand, New Style,
Hose "RIVERTON"Furnished in lengths
up to 500 ft. without seam
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3/4-inch, per ft., 15 c
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Matthews the Flo'st.....891	Robinson J C Seed Co.....894
Matthewson J E.....890	Rochester Flo Co.....887
May & Co L L.....890	Rock Wm L Flwr Co.....890
Meconi Paul.....885	Rohnert Waldo.....894
Metairie Ridge Nurs.....887	Routzahn Seed Co.....893
Mette Henry.....896	Rusch G & Co.....883
Miller & Musser.....881	Rye George.....891
Miller Stuart.....883	St Louis Seed Co.....893
Modern Mfg Co.....905	Schiller the Florist.....889
Moninger J C Co.....IV	Schillo Adam.....907
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Exchange Ltd.....884	Schlatter W & Son.....887
Mullanphy Florist.....887	Schling Max.....890
Munson H.....III	Schmidt Chas S.....884
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Nat Flo B of Trade.....IV	Seki Bros & Co.....889
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Nicotine Mfg Co.....906	Siebrecht George C.....885
Niessen Leo Co.....882	Situation & Wants.....867
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Otsuka T R.....898	Smith A W & Co.....888
Palez Paul M.....890	Smith E D & Co.....900
Palmer W J & Son.....887	Smith & Fetters Co.....890
Park Floral Co.....887	Smith Henry.....890
Peacock Dahlia	Smith W & T Co.....I
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Peterson Nursery.....898	Thompson J D
Peters & Reed Poty.....907	Carnation Co.....I
Philadelphia Whole-	Thorburn J M & Co.....893 894
sale Floral Ex.....883	Tonner O A & L A.....876
Philips Bros.....890	Totty Chas H.....899
Pierce F O Co.....905	Traendly & Schenck.....885
Pierson F R Co.....I	Trepel Jos.....889
Pierson A N (Inc).....897	United Cut Flower
Pieters Wheeler	Co.....885
Seed Co.....892	Van Meter Flower
Pikes Peak Flo Co.....890	Shop.....891
Pillsbury I L.....908	Vaughan AL & Co.....877
Pittsburgh Cut	Vaughan's Seed Store
Flower Co.....883	I III 895 897 907
Plath H.....899	Vick's Sons Jas.....895
Podesta & Baldocchi.....889	Vincent R Jr & Sons
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.....872 873	Walker F Co.....887
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Randall A L.....881	Irrigation Co.....893
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Randolph & Mc-	Wilson J S Flo Co.....888
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Ready Reference.....901	Morris Goldenson.....890
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Reid Edw.....882	Young John & Co.....885
Reinberg Geo.....881	Young & Nugent.....887
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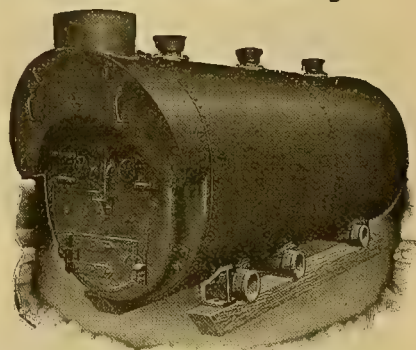
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Vol. XLVII.

CHICAGO AND NEW YORK, NOVEMBER 18, 1916.

No. 1485

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—DANIEL MACRORIE, San Francisco, Calif., President; ROBERT C. KERR, Houston, Tex., Vice-President, JOHN YOUNG, 53 West Twenty-eighth Street, New York, Secretary; J. J. Hess, Omaha, Neb., Treasurer.

OFFICERS ELECT—R. C. KERR, Houston, Tex., President; A. L. MILLER, Brooklyn, N. Y., Vice-President; JOHN YOUNG, New York, Secretary; J. J. Hess, Omaha, Neb., Treasurer. Next annual convention at New York, August 21-24, 1917.

Fifth National Flower Show.

The Fifth National Flower Show and the Thirty-fourth convention of the Society of American Florists will be held at St. Louis, Mo., April 6-15, 1918.

The Chrysanthemum.

Now doth the grand chrysanthemum put common blossoms on the bum, and in a rainbow riot swat all other bloomers on the spot! It rears its towslid head above the whole darn blooming push and shove, and as the others fade away it slams its glorified display into the dazzled eyes of men as though the spring were born again. The ruler of the autumn world its spangled banner is unfurled, and in its scrambled colors gleams the blaze of iridescent dreams, a blaze of brilliance all its own that lights its pathway to the throne. The prismatic splendor of the sun is gathered by this biggest one of all the autumn bunch and hurled in chronic crashes at the world, which stops amazed, entranced, upset, and wonders why it doesn't get a comb and brush from anywhere, or have a barber trim its hair!

W. J. LAMPTON, in N. Y. Herald.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Fifteenth Annual Meeting and Exhibition in Conjunction With the
Pennsylvania Horticultural Society, Philadelphia, Pa., Nov. 8, 1916.

The Exhibition.

The fifteenth annual meeting and exhibition of the society was held in Horticultural hall, Philadelphia, Pa., November 8-10, in conjunction with the fall show of the Pennsylvania Horticultural Society. As announced in last week's issue, the quality of the flowers which were being staged as the paper went to press, was quite ahead of anything ever seen in this city, and in many varieties, distinctly better than most of the chrysanthemums. Experts have since declared they were the best ever placed in competition. The following varieties were conspicuous in the various collections: Mendon, M. F. Plant, Mrs. G. Drabble, Wm. Turner, Nerissa, Odessa, Wm. Rigby, Golden Champion, W. H. Work, Louisa Pockett, Lady Hopeton and H. F. Johns. There were also some exceptionally large (they might be called giant) flowers of the anemone type—a new break in this popular flower. These were very striking in appearance; the close, densely packed center, was in most cases very wide and full with a fringe of long petals varying in size and density. There were various colors from white, pink, yellow, shades of lavender to dark red. The flowers were from four to six inches in circumference. They are the results of selection and crossing for the past 15 years by Carl D. Shaefer, of Tuxedo Park, N. J., an enthusiastic gardener now in his eighty-third year. They were staged by Charles H. Totty, who will handle the stock.

A vase of sprays of various colored anemone flowered chrysanthemums, staged by Guttman & Raynor, Inc., New York, showed wonderful culture. A bronze in this collection is indeed a gem, as is also a pure white. Two large vases of pompons, selected varieties, were the best ever seen here in their class.

Few seedlings of merit materialized, Chas. W. Totty, Madison, N. J., entered Wm. H. Waite, a very large reflex bronze; a wonderfully fine flower, having good form and a fiery color, full of life. E. G. Hill Co., Richmond, Ind., staged a medium-sized flower, very perfect in form, with great depth; it is

much like Bonnaffon in size, shape and color, but with a stronger stem, well clothed with foliage. Elmer D. Smith & Co., Adrian, Mich., offered a finely finished white, a full round flower which looks like a good commercial sort.

A. N. Pierson Co. staged what Mark Mills calls the best bronze to date in Hilda Davis, a reflex flower, reddish bronze in color—very attractive. It is medium in size and has all the earmarks of a good sort for cutting. Hilda Canning, a reddish bronze, and Romaine Warren, light bronze, are two new and very good pompons, by the same exhibitor, who had in addition about 50 vases of chrysanthemums of the hardy class, all choice varieties in this section.

C. H. Totty presented an extensive collection of all that is best in new and old varieties of the hardy class, among them many single and semi-double daisy-like flowers that were very attractive. One of the oldest sorts was the bronzy, Source d'Or, still in the front rank. 'Spidery' flowers (real Japanese), were features.

While the large flowers were exceptionally fine, the Wm. Turner of Wm. Duckham, Madison, N. J., and the vases of six, and 25 blooms, exhibited by Wm. Kleinheinz, Ogontz, Pa., were just a grade higher than other exhibits and well merited the first prizes awarded. Wm. Kleinheinz, in his exhibits of the day before for the best four vases of five flowers each, not only won first prize, but was in addition awarded a silver medal, the judges stating that they were the best chrysanthemums ever exhibited before the society.

An interesting feature on Thursday was the naming, by his honor, Mayor Thos. B. Smith, of a yellow seedling in honor of his daughter. He was met at the entrance of the hall by Secretary Rust, W. F. Therkildson, and others of a reception committee and escorted through the show to the upper hall, where, in the presence of several reporters, camera men and visitors, the christening took place. Standing by a large vase of the flowers with one in his hand, he said: "I name you Miss Elizabeth Smith," which is the name of his six-year-old daughter. Cameras

then snapped and the reporters got busy for a "human interest" advertising story for the next day's papers, after which the flowers in the vase were packed up and sent to the little lady for whom they were named.

Among out-of-town visitors were noted: Charles H. Totty and Wm. Duckham, Madison, N. J.; Allen Pierce, Boston, Mass.; Louis Reuter, Westerly, R. I.; H. LaCava and Wallace R. Pierson, Cromwell, Conn.; W. A. Manda, East Orange, N. J.; Wm. Vert, Castle Gould, Fort Washington, L. I.; Admiral Aaron Ward, New York; Benjamin Hammond, Beacon, N. Y.; Robert Simpson, Clifton, N. J.; H. N. May, Summit, N. J.; E. A. Bause, Frank Friedley, Frank Ritzenhaller, S. M. Pentecost, F. C. W. Brown and Fred Altkneck, Cleveland, O.; Conrad Hess, Baltimore, Md.; Phil. Foley, Chicago; F. S. Shearer, Reading, Pa.; A. J. Guttman, New York; Eugene Dailledouze, A. Dailledouze, Flatbush, N. Y.; E. D. Smith, Adrian, Mich.; Geo. W. Kerr, Doylestown, Pa.

The Business Meeting.

The business meeting was held in the florists' club room in Horticultural hall, President William Kleinheinz in the chair. In the absence of Secretary Chas. W. Johnson, Elmer D. Smith, of Adrian, Mich., was elected secretary pro tem. President Kleinheinz read his annual address, which was full of good wishes and plans for the welfare of the society, and which was well received. The report of the secretary and the treasurer followed, the latter showing an increase in membership and that the society was going along well within its means, having a gain in its treasury. Roman J. Irwin and W. A. Manda were appointed a committee to check up the treasurer's accounts and found everything in good order.

Invitations for the next place of meeting were next in order. Representatives of the city of Cleveland were much in evidence. They had left no stone unturned to capture the society for their city next year. There were letters from the Cleveland Horticultural Society, the Garden club, Florists' Club, Chamber of Commerce, and from his Honor, Mayor H. L. Davis; also from the Dale estate, Brampton, Ont.; J. C. Vaughan, Chicago; F. H. Traendly, New York; Grand Rapids Florist club; J. F. Hammond, and Cleveland also sent five members of its Florists' club to plead orally for this favor. After this great endeavor there was but one thing to do and Cleveland was unanimously selected.

Officers Elected.

The election of officers for the ensuing year resulted as follows: Wm. W. Vert, Castle Gould, Port Washington, N. Y., president; E. A. Bause, Cleveland, O., vice-president; John N. May, Summit, N. J., treasurer; Chas. W. Johnson, Chicago, secretary. C. H. Totty, Madison, N. J.; Thomas Proctor, Lenox, Mass. and H. W. Rieman, Indianapolis, Ind., were appointed members of the executive committee.

President Kleinheinz's Address.

Gentlemen and Fellow Members of the Chrysanthemum Society of America:

Once more we are assembled to honor the "Queen of the Autumn," and to consider ways and means to increase the general interest in cultivation, and to improve the high standard of the chrysanthemum. As your president, it gives me pleasure to welcome you at this convention in the city of Philadelphia, and I hope that you will not regret that you have selected Philadelphia for this gathering.

The exhibits at this meeting speak for themselves. The large-flowering varieties seem to be at their best, and

the raisers of new varieties have to be wide awake to keep in line with the present sorts. It seems almost impossible to improve on the existing varieties, but our hybridizers are never idle, and keep on improving with astonishing results. Not only the large flowering types have the attention of our scientific breeders, but the pompons, singles and decoratives have also been taken care of. Great improvements have been made during the past 10 years.

Again I must make some remarks about the membership of this society. I have referred to this at the past two meetings, and have pointed out what good the Chrysanthemum Society of



Wm. W. Vert, President-Elect.

America does for the chrysanthemum growers, but the number of new members is mighty small. I again call on every one interested in chrysanthemums to give us their support, and join our society. The dues per year are only two dollars, and the members are well rewarded by the work this society does. I hope my successor as president of this society will have the pleasure to see the membership pass the 500 mark.

Since our last meeting, one of our most successful hybridizers and introducers of new chrysanthemums has passed away, William Wells, of Merstham, Surrey, England. His products are known over the whole world, and for many of our best varieties we have to thank him.

To the trade press I wish to express my thanks for the many courtesies extended to the officers of the society during the past year. I also feel it my duty to thank all the donors of the handsome prizes, enabling us to work out such a fine schedule for competition.

To the various committees who examine seedlings and sports, I must express the thanks of the society for their prompt and correct work.

To the officers and members, I extend my thanks and appreciation for their support during my three terms as your president. Our society must prosper while our members continue to support and back up our officers. I regret very much that I am not in a position today to announce a great financial prosperity during my terms, but I assure you that if it would be within my power, this society would be the strongest of all in membership and financial standing.

I close with best wishes to my successor. May he be able to accomplish and finish the work started and carried on by the officers in the past for the good of this society.

Secretary Johnson's Report.

Mr. President and Members of the Chrysanthemum Society of America:

Our society continues to make progress and although we do not get the increased membership we should, the work of the society along the lines of improving the standard and popularizing the chrysanthemum is being recognized more each year. Your secretary notes this particularly by the increased correspondence that comes to him throughout the year in comparison to the first years of his work. The interest in the new varieties continues and the work of the examining committees is being greatly appreciated, and a seedling that has the endorsement of the committees is recognized by the commercial growers as being worthy of a thorough trial. The reports of the examining committees were sent to the trade papers each week as they were received and a final summary of the season's work was published. The trade press very generously printed these and other notices sent to them from time to time for which we owe to them our vote of thanks.

A ticket for admission to the National Flower Show held in Philadelphia, April, 1916, was mailed to all members in good standing on the secretary's books.

You will notice a change in the class for the C. S. A. silver cup. Our president kindly offers a silver cup for a class similar to the C. S. A. class of other years, thus making the change necessary. Class B is arranged according to the suggestions of the committee appointed at the last annual meeting.

Your secretary appreciates the kindness of the following firms and individuals for offering the special prizes at this exhibition: Wm. K. Harris, Philadelphia; Henry A. Dreer, Philadelphia; Hosea Waterer, Philadelphia; Robert Craig, Philadelphia; Henry F. Michell, Philadelphia; Hitchings & Co., New York; Lord & Burnham Co., New York; Chas. H. Totty, Madison, N. J.; The E. G. Hill Co., Richmond, Ind.; Elmer D. Smith & Co., Adrian, Mich.; President Wm. Kleinheinz, Ogontz, Pa.; Philip J. Foley, Chicago, Ill.; Wells & Co., Merstham, Surrey, England; H. E. Converse, Esq., Marion, Mass.; The National Association of Gardeners.

Owing to the intense heat during the past summer the growing season this year was a hard one on the plants and C. H. Totty reports that the growers in the eastern states are having a great deal of trouble with a disease which seriously affects the growth of the plants. It would be a good thing if any member having this or any other trouble with his plants would give us the benefit of his experience so that it may be included in the annual report.

The routine work of the secretary's office consisting of sending out the statements to the members, recording the varieties disseminated, getting out the report of the fourteenth annual meeting and the solicitation of the special premiums was attended to in due season.

The secretary wishes to acknowledge the kindness of Elmer D. Smith in furnishing him with a complete list of varieties disseminated in 1915, which was a great help in getting up the annual report.

A detailed report of all money received and paid over to the treasurer accompanies this.



Chas. W. Johnson, Secretary.



Wm. Kleinheinz, President.



John N. May, Treasurer.

Treasurer May's Report.

Treasurer John N. May presented his report, which showed the finances of the society to be in good condition. Two hundred dollars are placed on interest in the Summit Trust Co., as a saving account, dues received during the past year totaled \$268 and the cash balance on hand November 1, 1916, amounted to \$198.06. The disbursements during the year were \$242.02.

Chrysanthemum Diseases Discussed.

Charles H. Totty gave a very interesting description of clyndrosporium, a fungoid growth, which, commencing at the bottom of the chrysanthemum plant, quickly rises upward, covering the under surface of all the leaves with a varnish-like coating that closes up the pores, and stops all growth. Flower buds do not open and the general result is disastrous. The remedy is sulphate of potassium, one-half ounce to a gallon of water, sprayed on from underneath. Air slaked lime, blown on in the same way, is also good. Mr. Totty spoke of the great benefit in publicity and urged that a much greater number of growers attend these meetings and discuss all such matters for their mutual benefit. Elmer D. Smith said he had had great trouble with the gall fly, which was hatched out in or on the leaf of the plant in small, gall-like eruptions, where the minute grub or worm developed into an insect and then flew away. Cyanide for 21 consecutive nights he had found to be necessary to kill and fully eradicate them. He had also suffered from the tarnished bug, which, coming from the outside, had done great damage to the growing buds. The leaf roller was another pest, of which F. C. W. Brown, of Cleveland, had made a study. He said its life cycle was 21 days; it came out of its cell to forage, was attracted by the honey in the buds of plants, which led it to destroy them. The female laid its eggs very near home, seldom more than two or three feet, and when done, flew around for a day or so and died. The male is very quick and constantly flying. The remedy is an application of a solution of an even teaspoonful of paris green, cut or saturated with about the same quantity of nicotine. It must be dissolved in this way, as it is not soluble in water, to two gallons of which is added two pounds of brown sugar,



E. A. Bause, Wickliffe, O.

Vice-President-Elect Chrysanthemum Society of America.

stirred in thoroughly. The solution is sprayed on as frequently as is necessary. Mr. Brown found this very effective, the worms taking kindly to the preparation because of the sugar. Be careful to use the brown, very sweet sugar.

The question of premiums and honors for the private gardener and his employer came up. President Kleinheinz said the custom of the east was that the honor go to the owner of the estate, but the prize money is paid direct to the gardener. This was also Mr. Totty's opinion, for if it was sent to the employer, it at times did not reach the man who had grown the stock and to whom it had come to be looked upon as a proper emolument.

No action was taken, nor any reference made to the general excellence of the exhibits, which should have been a good topic. In closing, Mr. Kleinheinz thanked the members for their support during his three terms of office, and in congratulating Mr. Vert on his election, said he was glad to leave the society in such good hands, after which the meeting adjourned.

The Awards.

There was very keen competition in the various entries of cut flowers, the judges having to go over the exhibits again and again before their final decision. Countess Eulalia won six firsts and two seconds; the Widener estate, three firsts and two seconds; Jno. W. Pepper, three firsts and two seconds; W. S. Ellis, four seconds and one first; C. B. Newbold, two seconds; H. A. Poth, two firsts; John Wanamaker, two seconds; Jos. M. Steele, two seconds; Mrs. Jas. F. Sinnott, one first and two seconds; Mrs. S. T. Bodine, two seconds; Elmer D. Smith & Co., one first; Mrs. R. E. Griscom, one first; Mrs. S. D. Riddle, one first; Mrs. C. H. Clarke, Jr., one second.

Winners in the plant section were: H. A. Poth, three firsts and one second; Widener estate, three firsts; W. S. Ellis, three firsts and one second; Mrs. Jas. F. Sinnott, two firsts and one second; Countess Eulalia, two firsts; Geo. H. McFadden, one first and one second; C. B. Newbold, two firsts and two seconds; Jos. M. Steele, one second; Mrs. Jos. Goetter, one second; Mrs. Thos. McKean, one second.

The gold and silver medals of the society and honorable mention, where, in the opinion of the judges the various exhibits deserved such recognition, were awarded as follows: Silver medal to H. A. Dreer, Inc., for exhibit of crotons, palms and other foliage plants; Macaw Brothers, silver medal for group of crotons and gardenias; Adolph Muller, trimmed box and berried plants, silver medal; Louis Burke, collection of orchids, gold medal; P. A. B. Widener estate, (Wm. Kleinheinz, gardener), orchid grotto, gold medal; Louis Burke, plant Vanda Sanderiana, silver medal; Wm. Kleinheinz, winter-flowering tuberous begonias, silver medal; Edward Towill, seedling roses, honorable mention; A. N. Pierson, Inc., collection pompon and single chrysanthemums, honorable mention; Charles H. Totty, collection of pompon, single and other hardy chrysanthemums, honorable mention; also special mention for new giant anemone flowered chrysanthemums; Cottage Gardens Co., special mention for new pink carnation, Cottage Maid; A. N. Pierson, Inc., special mention for rose, Mme. Collette Martinet and new crimson carnation, Arrawa; S. J. Goddard, crimson carnation, Doris.

Special Prizes.

C. S. A. silver cup for the best seedling chrysanthemum not disseminated, six blooms, one variety, on long stems—won by E. G. Hill Co., Richmond, Ind.

C. S. A. silver cup for the best display of pompon chrysanthemums, 10 vases, 10 varieties, and 10 vases of 12 single stems, disbudded—won by E. G. Hill Co.

ess Eulalia, silver medal, and C. B. Newbold, bronze medal.

Hitchings & Co., cup for 10 blooms red or crimson chrysanthemums, one variety on long stems—won by Chas. H. Totty.

The National Association of Gardeners' prize for six blooms, six varieties of chrysanthemums, long stems in one vase—won by P. A. B. Widener estate.

Collection of American grown seedling chrysanthemums, not disseminat-

broad band of crotons in four- and six-inch pots, splendidly colored.

The Robert Craig Co. staged two tables of special crotons in medium sizes, which were brilliant in coloring and strong and vigorous to a degree.

The fish exhibits in their brilliantly lighted, beautifully arranged and decorated aquariums, containing all kinds of suitable aquatic plants, and stocked with the pick of the fish fancier's favorites, were at all times surrounded by admiring visitors.

The cut flower and carnation exhibits staged Wednesday were not very numerous, Wm. Kleinheinz being the only exhibitor. His 25 American Beauty roses and vase of the same number of Mrs. C. W. Ward carnations, were up to his usual fine standard, as indeed they must be to get the prize of \$25 in each class. A splendid vase of 100 Cottage Maid, by the Cottage Gardens Co., Queens, N. Y., received honorable mention, as did Arrawana, a new crimson, staged by A. N. Pierson, Inc., Cromwell, Conn.

S. J. Goddard, Framingham, Mass., exhibited a good crimson called, Doris.

Edward Towill, Roslyn, Pa., staged several fine seedling roses. The best is a cross between Lady Hillingdon and Harry Kirk. It has a fine, strong stem, is bronzy yellow, and a good large flower. A single velvety red was very striking, and a pink like Mrs. Shawyer also looked good.

One of the judges, in speaking of their work, declared that exhibitors made a mistake by supporting their cut flowers by wires along the stem. If this was necessary for transportation they should be removed before staging, as it appeared to the judges a weak point and counted against otherwise good flowers.

The attendance was much greater, both day and evening, than for some years, due to the advertising, which was in the hands of W. F. Therkildson and John A. Geraghty. Much was heard of the large plant, which could not be gotten there on account of its great size, but there was so much else that people did not make any protests.

The trade exhibitors appear to be well satisfied, the large attendance keeping them busy.

Thursday brought out the display of vegetables, which encroached on the space, but made an acceptable change. The quality was of the best and many



CHAS. H. TOTTY'S NEW ANEMONE CHRYSANTHEMUMS.

At the Philadelphia Show

President's cup for the best 10 blooms, any one variety of chrysanthemums on long stems—won by Edgar Scott, Lansdowne, Pa.

Henry A. Dreer prize for the best 10 blooms, one variety of chrysanthemums on long stems, white—won by E. G. Hill Co.

Hosea Waterer prize for the best 10 blooms, one variety of chrysanthemums on long stems, yellow—won by H. A. Poth, Wayne, Pa.

Philip J. Foley prize for the best 10 blooms, one variety of chrysanthemums on long stems, pink—won by John W. Pepper, Jenkintown, Pa.

Robert Craig prizes for the best vase, 50 sprays, pompon chrysanthemums on long stems—Edgar T. Scott, Lansdowne, Pa., first; Widener estate, second.

Henry F. Michell prize for the best vase of 25 chrysanthemums on long stems, five or more varieties—won by Widener estate.

Henry F. Mitchell prizes for the best 12 blooms, 12 varieties of chrysanthemums, short stems—P. A. B. Widener estate, first; H. A. Poth, second.

Charles H. Totty prize for six flowers Rigby chrysanthemums—P. A. B. Widener estate, first; Edgar T. Scott, second.

E. G. Hill prize for 10 blooms chrysanthemums, introductions of 1916, not less than five varieties on long stems—won by P. A. B. Widener estate.

Harry E. Converse prize for the best six blooms of chrysanthemum, Harry E. Converse, on long stems, \$10.00—won by Wm. Duckham, Madison, N. J.

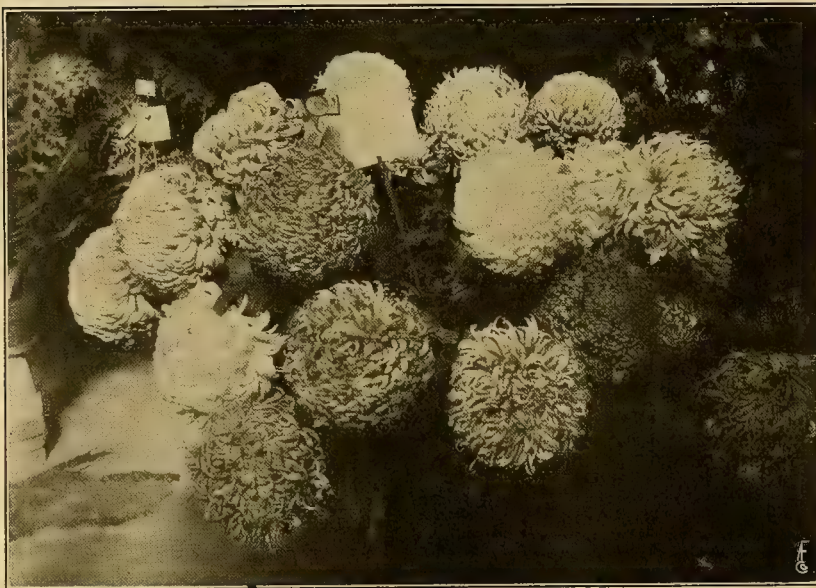
Lord & Burnham Co. prize for three varieties of chrysanthemums, six blooms of each on long stems—won by Wm. Duckham.

Wells-Totty medals for three blooms Chrysanthemum Yellow Turner—won by E. G. Hill Co., gold medal; Count-

ed, one bloom each—First prize, Mt. Greenwood Cemetery; second prize, Elmer D. Smith & Co.

Show Notes.

Among the second day's exhibits of the show was a well arranged, circular bed of gardenias in pots; these showed by the deep, lustrous, green foliage and the well budded branches, to be in a high state of cultivation. Macaw Brothers, of Norwood, made this display. They were surrounded by a



FIRST PRIZE VASE AT THE PHILADELPHIA SHOW.

Twenty-five Blooms Exhibited By Wm. Kleinheinz, Ogontz, Pa.



SPECIMEN PLANTS AT THE PHILADELPHIA SHOW.

a housewife was heard to wish that she could get such good stock for her kitchen.

K.

Illinois State Florists' Association.

The first fall exhibition of the Illinois State Florists' Association, held at the Coliseum, Bloomington, Thursday and Friday, November 9-10, under the active management of Treasurer Washburn, of that city, with the assistance of President Johnson and Secretary Ammann, was a noteworthy success. This show presented a number of unusual features in that no premiums were offered in the professional or commercial classes and there was no charge for space occupied by trade displays. There was a very creditable exhibit of plants grown by school children, the stock for which had been supplied by the local trade early in the year, and in these children's classes the only premiums of the exhibition were awarded. The general public was admitted by ticket obtained free through the local trade, otherwise a charge of 10 cents was made for each ticket. The trade contributed freely of its best stock for the occasion, the principal exhibitors including the Poehlmann Bros. Co., Bassett & Washburn, A. L. Randall Co., Vaughan's Seed Store, the E. C. Amling Co., Zech & Mann, A. T. Pyfer & Co., and the Mt. Greenwood Cemetery Association, all of Chicago; E. G. Hill Co., Richmond, Ind.; Elmer D. Smith & Co., Adrian, Mich.; J. D. Thompson Carnation Co., Joliet; Robt. Craig Co., Philadelphia, Pa.; A. Washburn & Sons, Bloomington; Gullett & Sons, Lincoln; Chas. Loveridge, Peoria; J. F. Ammann & Co., Edwardsville; I. L. Pillsbury, Galesburg, and Geo. A. Kuhl, Pekin. Among the new carnations were the striking red *Thenanthos*, of the A. L.

Randall Co., J. D. Thompson Carnation Co.'s grand new pink Superb, Bassett & Washburn's popular Belle Washburn, C. H. Frey's Nebraska, Frank B. Smith's Sons' Danville, No. 208, crimson; Arvid Anderson, gardener to C. D. Wiman, Moline, No. 100, white. In roses the E. G. Hill Co. exhibited Red Ophelia and other novelties, and J. E. Yeats, Champaign, the new red variety Mrs. Sarah Yeats. Elmer D. Smith & Co., Mt. Greenwood Cemetery Association, the McCallum Co., Pittsburgh, Pa., and the floricultural department of the University of Illinois exhibited chrysanthemums. Fritz Bahr, Highland Park, showed a fine vase of *Bouvardia Humboldtii* on long stems.

On Thursday evening there was a delightful fellowship dinner at the Bloomington club, the tables being attractively decorated for the occasion. About 75 participated and the invocation was made by the Rev. J. N. Elliott. When the coffee had been served and cigars passed around President Johnson called on J. H. Hudson, secretary of the Bloomington Business Men's Association, who welcomed the visitors. Ernst Wienhoeber, of Chicago, spoke for the "Retail Florist," stating that his business of some 40 years' standing had been based mainly on fair dealing with his customers and those who supplied him with stock, emphasizing the importance of giving the customer what he wants and pays for and that it is the florist's plain duty to advise customers of all shortcomings in stock and service. J. C. Vaughan then spoke on "The Future of the Florist Business" and we hope to find place for his address in this or a later issue. In the absence of Prof. Dörner, Prof. A. G. Hecht told "What the University of Illinois Offers to a Young Man Wanting to Enter the

Florist Business." Excellent vocal and instrumental music was rendered during the evening by Miss Ruth G. Vencill, Miss Ruby Evans and Veran Florent with splendid dancing by Miss Graves, daughter of Arthur J. Graves, and other young ladies.

On Friday the visitors greatly enjoyed an auto drive through Bloomington and Normal after which the well equipped greenhouse establishment of A. Washburn & Sons was inspected and luncheon served at the residence of Frank L. Washburn. In the afternoon a large party visited the new range of Gullett & Sons, at Lincoln, and were greatly interested in the scope and appointments of this up-to-date establishment.

OFFICIAL LIST OF EXHIBITS.

One of the pleasing features of our first fall show was the contribution of displays of C. D. Wiman, of Moline and Wm. Butterworth, of Moline, both of which have private greenhouses. That the older variety of flowers are again coming in favor is shown by the exhibit of a very beautiful white *Bouvardia Humboldtii*, shown by Ridgewood Garden, of Highland Park. The entire stage of the Coliseum was occupied with an exhibit of pot-grown chrysanthemum plants grown by the school children of Bloomington, many of which would be a credit to commercial growers. These plants were distributed to the children by A. Washburn & Sons last spring and they awarded a number of cash prizes for the best grown plants. The division of horticulture, University of Illinois, showed a very large variety of good and novel seedlings. One seedling, No. 78-15, deserved special mention for type and color. A certificate of merit was awarded for this collection of single, anemone and pompon chrysanthemums.

J. F. Ammann & Co., Edwardsville, White Enchantress, Enchantress Supreme and Enchantress carnations; Chieftain, White Chieftain, Marigold, Garza, Yellow and White Mensa, Golden Climax, Leslie and Baby pompon chrysanthemums; Ophelia, White Killarney and Mrs. Chas. Russell roses, all well done. They also made the only exhibit of orchids.

Henry Baer, Peoria, vase each Yellow Eaton, Charles Razer chrysanthemums.

Turner and Dr. Enguehard chrysanthemums, which were well grown.

El Paso Carnation Co., El Paso, vase of White Enchantress carnations and Golden Mensa, Klondike, Diana, Chieftain, Chas. Razer and Wm. Turner chrysanthemums.

Hembreiker & Cole, Springfield, cyclamen plants and well grown vases of Roman Gold, and Dr. Enguehard chrysanthemums, White Wonder and Enchantress carnations.

chrysanthemums. The last mentioned was a very beautiful and distinct variety.

Wendland & Keimel, Inc., Elmhurst, vases of White Killarney, Killarney Brilliant, Sunburst and Milady roses.

Henry Gaethje, Rock Island, five vases of five varieties, all different colors and types of Bouvardia.

Stapp & Co., Rock Island, vase Golden Chadwick chrysanthemum, very good, and vase each of Bonnaffon and White Chieftain, which were well grown.

Julius Staack & Sons, Moline, vase of fine Golden Wedding chrysanthemum and vases of Rose Pink Enchantress, Enchantress and White Enchantress carnations.

A. Washburn & Sons, Bloomington, H. A. Balfour, worthy of a special mention; Chieftain, Wm. Turner, Charles Razer, Mensa, Golden Mensa, Madge, Buckingham, White and Yellow Mrs. Jerome Jones chrysanthemums, which were very fine.

J. D. Thompson Carnation Co., Joliet, vases of Matchless, Superb and No. 143 red seedling carnations and a vase of assorted seedling carnations. Carnation Superb was granted a certificate with a score of 86 points.

John R. Gee, Bloomington, had a nice display of palms and plants in baskets and baskets of cut flowers.

F. B. Smith's Sons, Danville, crimson seedlings carnation No. 208, which looks to be a good commercial variety; Gov. Herrick and a light sport of Gov. Herrick violets, which were very fine, and 23 varieties of pompons.

W. J. Miller & Sons, Pontiac, vase of very well grown Dr. Enguehard, Smith's Sensation and Wm. Turner chrysanthemums and two vases of carnations.

Poehlmann Bros. Co., Chicago, exhibit of palms and vases of eight of the best commercial varieties of roses were of unusually fine quality. They also had a booth showing baskets, chiffons, mats and general florists' supplies.

George A. Kuhl, Pekin, table decoration with basket and corsages of Killarney roses, also four vases very well grown Dr. Enguehard, Wm. Turner and Golden Wedding chrysanthemums.

E. C. Amling Co., Chicago, vases of Shawyer, Mrs. Chas. Russell, Stanley, Tipperary, Primrose and Ophelia roses, also carnations and anemone and pom-



BURPEE'S PRIMULINUS HYBRID GLADIOLI AT THE PHILADELPHIA SHOW.
From Seed Sown July 1.

mums well grown, one vase each White Enchantress, White Wonder, Enchantress Supreme, Mrs. C. W. Ward, Champion, Benora carnations, all of which were well grown.

I. L. Pillsbury, Galesburg, vases of Chrysolora, Pretoria and Arthur Horn chrysanthemums.

Robert Craig Co., Philadelphia, Pa., crotons and dracenas.

C. Loveridge, Peoria, vase each Enchantress and White Enchantress carnations, one vase each Killarney Brilliant, Hoosier Beauty and Mock roses, an exceptionally well done vase of Charles Razer, Col. Appleton and Wm. Turner chrysanthemums and fine vases of pompons and singles, Buckingham, Mason, Klondike, Western Beauty, Richardson, Donald, Model of Perfection and Baby Margaret.

Mt. Greenwood Cemetery Association, Chicago, vases of Golden Climax, Mary and Western Beauty, a chrysanthemum of the pleasing shade of pink, also seedlings under No. 10-1914, 1-1914 and the seedling Hilda Canning, which was awarded a certificate with a score of 88 points; vase of 18 blossoms exhibition chrysanthemums and a vase of 25 Tekonsha chrysanthemums, which was exceptionally well finished.

Restland Floral Co., Mendota, vase each Yellow and White Eaton chrysanthemums and one vase Beacon carnations, well grown stock.

Dixon Floral Co., Dixon, vase Cream Robinson, a sport of Mrs. Robinson, of a very pleasing shade of cream.

E. G. Hill Co., Richmond, Ind., vase of 18 fancy large exhibition chrysanthemums.

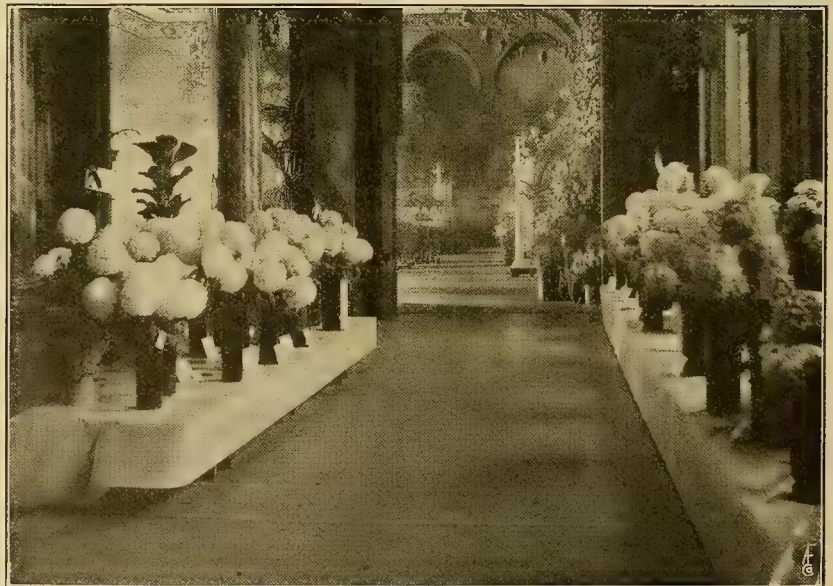
Vaughan's Seed Store, Chicago, pot chrysanthemums, ferns, dracenas and commercial decorative plants.

Wenona Greenhouse, Wenona, vase mixed carnations, one vase each Wm.

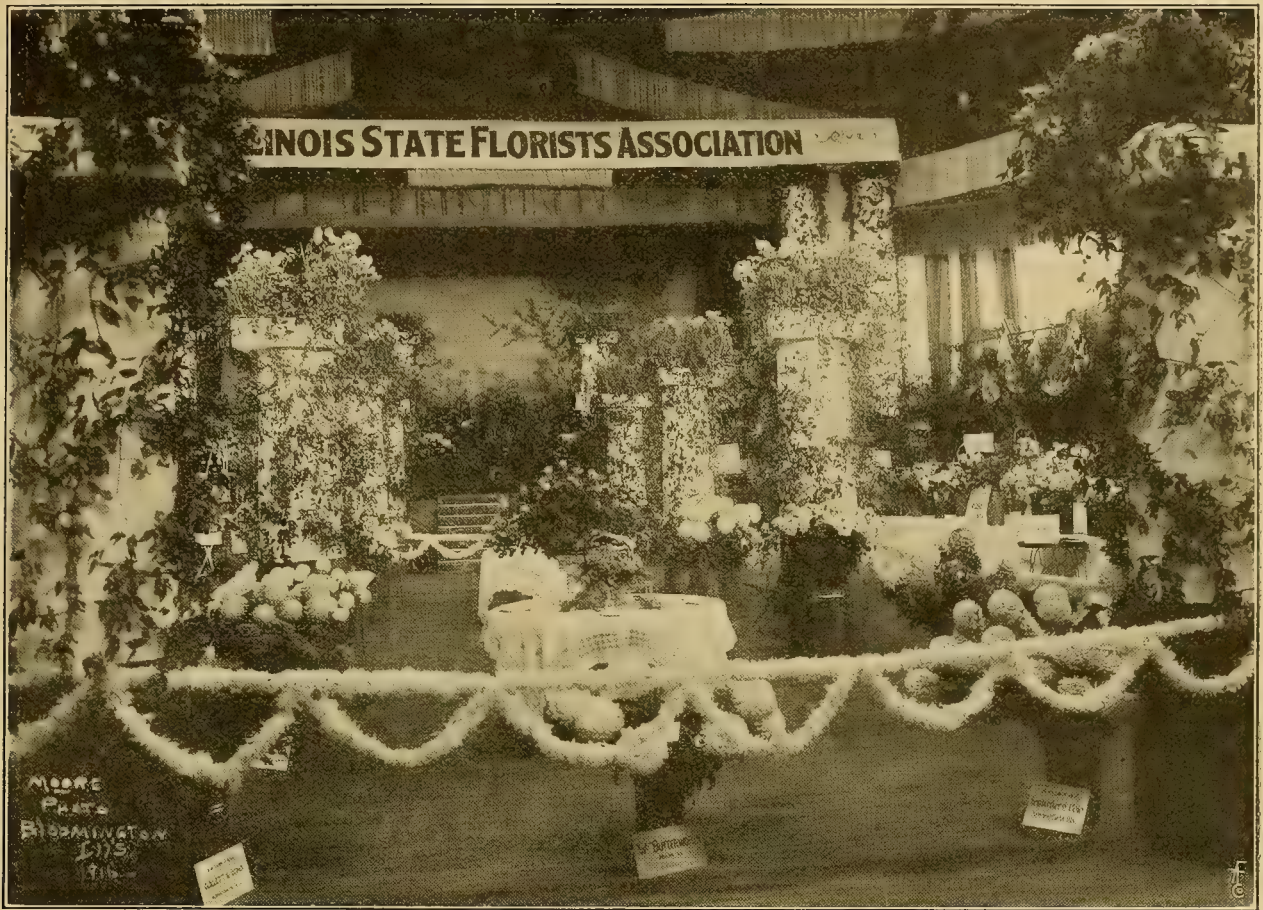
H. Johann & Sons, Collinsville, vases of Roman Gold, Chieftain, Charles Razer and Smith's Sensation chrysanthemums.

Hembreiker Bros., Lincoln, two vases of Charles Razer and Roman Gold chrysanthemums, which were nicely done.

Gullett & Sons, Lincoln, vases of Mrs. Chas. Russell and Ophelia roses, three vases of carnations, one vase each of Chieftain, Roman Gold, Charles Razer, Bonnaffon and Mrs. M. R. Morgan



CUT BLOOMS AT THE PHILADELPHIA SHOW.



BLOOMINGTON EXHIBITION OF THE ILLINOIS STATE FLORISTS' ASSOCIATION.

pon chrysanthemums by different growers.

Bassett & Washburn, Chicago, vases of Mrs. Chas. Russell, American Beauty, Ophelia roses and Belle Washburn, Matchless and Alice carnations.

A. T. Pyfer & Co., Chicago, White Wonder carnations and fine vases of Ophelia, Sunburst and Mrs. Chas. Russell roses.

A. L. Randall Co., Chicago, occupied a space in front of the stage with a full line of baskets and supplies and basket of Thenanthos carnations which were awarded a certificate.

A. Henderson & Co., Chicago, bulbs. Burlington-Willow Ware Shops, Burlington, Ia., willow baskets.

J. L. Bonnett, Bloomington, plants and baskets of cut flowers.

Raedlein Basket Co., Chicago, baskets.

Richmond Cedar Works, Richmond, Va., plant tubs.

Lion & Co., New York, ribbons and chiffons.

Maplewood Greenhouses, Bloomington, cut flowers. A large wreath of magnolia leaves was a very well done piece of work.

Zech & Mann, Chicago, vases of Mrs. Chas. Russell, Sunburst and Ophelia roses and a vase of mixed pompons.

C. D. Wiman, Moline, Arvid Anderson, gardener, vases of pompons and singles, including Garza, Inga, Mensa, Baby, King of Plumes, Lila and Actual. One vase of assorted exhibition chrysanthemums which were the equal of those by any commercial grower and one large standard form chrysanthemum.

Wm. Butterworth, Moline, C. Sorenson, gardener, fine vase of Wm. Tur-

ner chrysanthemum, and one large standard form of Luxford chrysanthemum plants.

In addition to the foregoing official list we may add that the American Bulb Co. was represented in the exhibition hall, also the John C. Moninger Co., Foley Greenhouse Mfg. Co. and Kroeschell Bros. Co., all of Chicago.

NEW VARIETIES SCORED.

We beg to submit the following scores of carnations brought before the association:

Seedling No. 100 by C. D. Wiman, Arvid Anderson, gardener:

Color	23	Size	19
Calyx	4	Stem	18
Substance	13	Form	7
Fragrance	5		—
		Total	89

Seedling Carnation Thenanthos, by Anton Then:

Color	23	Size	19
Calyx	4	Stem	18
Substance	13	Form	9
Fragrance	4		—
		Total	90

Seedling Carnation Superb, by J. D. Thompson Carnation Co.:

Color	22	Size	17
Calyx	4	Stem	18
Substance	14	Form	8
Fragrance	3		—

New Rose, Mrs. Sarah Yeats, by J. E. Yeats:

Size	8	Color	18
Stem	13	Form	14
Substance	7	Foliage	13
Fragrance	5	Distinctiveness	8
Total		86	

THE VISITORS.

Milton Alexander, New York.
 Arvid Anderson, Moline.
 Geo. Asmus, Chicago.
 Fritz Bahr, Highland Park.
 M. Barker, Chicago.
 E. A. Bibb, Chicago.
 Peter Britz, Danville.
 A. C. Brown, Springfield.
 James N. Cole, Peoria.
 Her Cole, Springfield.
 D. H. Eaton, Macomb.
 D. T. Englis, Champaign.
 Carl L. Erickson, Princeton.
 Thos. M. Fagin, Chicago.
 C. H. Fallstrom, Dixon.
 L. Finnerman, Chicago.
 L. L. Fry, Leroy.
 Henry Gaethje, Rock Island.
 E. G. Gullivan, Chicago.
 C. E. Gullett, Lincoln.
 A. G. Hecht, Urbana.
 Otto J. Hembreiker, Lincoln.
 Wm. J. Hembreiker, Lincoln.
 A. Humason, Chicago.
 A. T. Hey, Maywood.
 E. O. Jacobs, Chicago.
 George W. Jacobs, Canton.
 Henry Johann, Collinsville.
 C. W. Johnson, Chicago.
 Frank Johnson, Chicago.
 Wm. Johnson, Clinton.
 B. Katzwinkel, Mendota.
 W. J. Keimel, Elmhurst.
 Paul Klingsporn, Chicago.
 Louis Knick, Dixon.
 A. C. Kohlbrand, Chicago.
 C. A. Kuehn, St. Louis, Mo.
 George H. Kuhl, Pekin.
 E. F. Kurovski, Chicago.
 F. Lautenschlager, Chicago.
 E. A. Lauterbach, Urbana.
 A. F. Longren, Chicago.
 Chas. Loveridge, Peoria.
 Wm. C. Loveridge, Peoria.
 W. E. Loveridge, Peoria.
 George C. McCallum, Pittsburgh, Pa.
 P. L. McKee, Chicago.
 Matt Mann, Chicago.
 Joe Marks, Chicago.
 Wm. Metzger, Wenona.
 Jas. Morton, Chicago.
 Fred W. Muncie, Urbana.
 A. Neilson, Lincoln.
 Bob Newcomb, Chicago.
 H. Nichols, Chicago.
 P. G. Pearson, Bettendorf, Ia.

P. G. Pearson, Chicago.
 A. Peterson, Gibson City.
 P. W. Peterson, Joliet.
 I. L. Pillsbury, Galesburg.
 Adolph Poehlmann, Morton Grove.
 August Poehlmann, Morton Grove.
 Don Proctor, Edwardsville.
 A. T. Pyfer, Chicago.
 Earl E. Ross, Centralia.
 Fred Schramm, Park Ridge.
 John Schreiber, Chicago.
 Otto V. Siebenthal, Peoria.
 H. E. Smith, Danville.
 Jos. J. Smith, Danville.
 C. V. Snyder, El Paso.
 Antou Theu, Chicago.

blooms and plants were 69 in number and fruit and vegetable awards were made in 40 divisions. John Tiplady was exhibition manager and Joseph Kruppa and James Livingston officiated as judges. The following were among the principal prize winners: J. Ogden Armour, Louis F. Swift, A. B. Dick (Frank Kuehne, Gr.), E. L. Ryerson (P. Back, Gr.), D. Mark Cummings (K. Loeman, Gr.), W. O. Lindley (O. Pearson, Gr.), Miss Prentice L. Coonley (R. L. Chalmers, Gr.), H. C. Chatfield

Chicago Art and Novelty Show.

The floral art and novelty display held under the auspices of the Chicago Florists' Club in the grand ballroom of the Hotel La Salle, Sunday afternoon and evening, November 12, was a splendid exhibition, the large hall being filled with well arranged displays of flowers of fine quality and great variety. New offerings, especially in roses and carnations, proved interesting features to many in the trade, a number of whom from out-of-town points were in attendance, while the splendid displays of novelties and examples of floral art shown by the retail florists were the admiration of the public who thronged the hall from the opening until the closing hours, the many new suggestions in both use and arrangement of flowers being noted with interest and favorably commented upon. The show was a splendid success from every point of view and the high character of the displays may be realized by our brief descriptions of the principal exhibits. It is understood that while their names did not appear on the exhibits the club is largely indebted to the wholesale houses for their liberality in supplying a large part of the material used in this work, including the Poehlmann Bros. Co., Bassett & Washburn, Peter Reinberg, Wietor Bros., E. C. Amling Co., J. A. Budlong, Zech & Mann, A. L. Vaughan Co., Miss Gunterberg, Chicago Flower Growers' Association, Percy Jones, A. T. Pyfer & Co., Erne & Klingel, Kyle & Foerster, Weiland & Risch, and others. Much credit is due Chas. W. Johnson, Jr., of Mt. Greenwood, in the unavoidable absence of his father, for the excellent arrangement of the show, and Fred Lautenschlager deserves great praise for the splendid publicity service which produced a large and appreciative attendance. The A. L. Randall Co. added much to the appearance of the hall by the free use of their electric fountains.

As one left the elevators at the entrance to the main hall, the fine display of flowering plants arranged by Frank Ochslin, occupying a space of about 75 square feet, arrested the visitors' attention. With well-grown



NEW CARNATION THENANTHOS AT THE CHICAGO SHOW.

Alfred Torchiani, Chicago.
 Carl Vaughan, Chicago.
 J. C. Vaughan, Chicago.
 C. L. Washburn, Chicago.
 T. E. Waters, Chicago.
 Ernest Wienhoeber, Chicago.
 E. F. Winterson, Chicago.
 J. E. Yeats, Champaign.
 A. Zech, Chicago.

The Ladies.

Miss Angie Ammann, Edwardsville.
 Miss Edna Ammann, Edwardsville.
 Mrs. K. M. Boley, Pekin.
 Mrs. D. T. Englis, Champaign.
 Mrs. W. S. Evans, LaSalle.
 Mrs. A. G. Hecht, Urbana.
 Mrs. Otto J. Hembreiker, Lincoln.
 Mrs. A. T. Hey, Maywood.
 Mrs. Henry Johann, Collinsville.
 Mrs. George A. Kuhl, Pekin.
 Miss Charlotte Loveridge, Peoria.
 Miss Florence Loveridge, Peoria.
 Mrs. P. L. McKee, Chicago.
 Mrs. F. W. Muncie, Urbana.
 Mrs. C. V. Snyder, El Paso.
 Mrs. C. L. Washburn, Chicago.
 Mrs. Ernst Wienhoeber, Chicago.
 Mrs. John E. Yeats, Champaign.

Lake Forest Flower Show.

The first chrysanthemum exhibition of the North Shore Horticultural Society, held in Durand Art Institute, Lake Forest, Ill., proved to be a most successful affair, surpassing all expectations of those who had the show in charge. The stock displayed was all of very fine quality, the exhibits numerous and well staged and the large hall was well filled.

In the class for group of chrysanthemum plants to occupy a space of 50 square feet, arranged for effect with palms and ferns, there were three splendid entries, Chas. H. Schweppe (H. Zakes, Gr.) being first with a fine display, closely contested by J. Ogden Armour (T. W. Head, Gr.), second, and Louis F. Swift (J. H. Francis, Gr.), third. The Swift entries captured the handsome silver cup offered by the First National Bank in the sweepstakes class. The classes for cut

Taylor (C. Geppert, Gr.), E. L. Moore (D. McNaughton, Gr.), B. L. Smith (E. Bollinger, Gr.), Chas. H. Schweppe, Clayton Mark (G. Schaeffer, Gr.), B. A. Eckhardt (R. Seifert, Gr.), Harold McCormick (A. Jackson, Gr.), J. W. Thorne (O. Strassenburg, Gr.), and Mrs. R. H. McElwee (John Newbore, Gr.). P. B.



NEW ROSE MRS. SARAH YEATS AT THE CHICAGO SHOW.

palms for a background, the effect of the group of chrysanthemums, begonias, cyclamens, Otaheite oranges, solanums, etc., in pots, presenting a clever color scheme, was much admired. In the hall proper, this exhibitor had also placed an attractive display of palms and foliage plants.

Miss M. C. Gunterberg's display of suggestions for wedding anniversaries was one of the novelties of the show and received many compliments. For the first anniversary the offering was

debutante baskets and bouquets in a great variety of arrangement, especially attractive being a basket of choice Mrs. Russell roses. A dainty basket of Mrs. Ward roses was very much admired. The huge basket of the "Bird of Prosperity" in the form of an American eagle upon a tall pedestal, draped with "Old Glory" and filled with roses, with begonias and cyclamens at the base, was a striking feature that commanded attention as one entered the hall.

terpiece of snapdragons and pompons, surrounded by a number of bouquets of various designs, the feature being a shower of cyclamens, lily of the valley and plumosus.

The A. Lange display at the entrance to the hall was most excellent. Around the large center basket of Yellow Eaton chrysanthemums were arranged other handsome receptacles, noteworthy among which were artistic baskets of the J. D. Thompson Carnation Co.'s new flesh pink carnation, Superb, also a tasteful arrangement of the handsome red rose, Champ Weiland, grown by Peter Reinberg. A table centerpiece of violets and a number of corsage arrangements all showed excellent taste. A bridal muff of lily of the valley was much admired. A basket of Bouvardia Humboldtii was another pleasing feature.

The Bohannon Floral Co. in its decorated table for a wedding party, had a very clever display. The table, five feet wide and about ten feet long, was complete with silver, cut glass and linen placed along the sides and ends, the center being arranged to form an aisle with several arches trimmed with miniature roses, in which the wedding party represented by 10 bisque figures was seen. The mirrored background reflected tall baskets of chrysanthemums in variety and arrangements of cypripediums and pompons.

Schiller, the Florist, featured a fine assortment of baskets of foliage plants, in addition to large and small baskets of cut blooms, natural corsages of select California violets and nosegays. A handsome basket of Chieftain chrysanthemums and Ophelia roses, together with a large basket of fine chrysanthemums in variety were effectively displayed. A combination vase-bird stand filled with Ophelia was a novelty that was much admired.

Carnation Thenanthos, the new commercial red raised by Anton Then, and which is being distributed exclusively by the A. L. Randall Co., was well displayed at a point of vantage in the center of one end of the hall. This variety which has captured high honors wherever entered in competition, came in for its full quota of admiration. The arrangement was effective, a tall wicker vase showing the blooms off to splendid advantage.



NEW CARNATION SUPERB AT THE CHICAGO SHOW.

a shower bouquet of White Killarney, one red rose in the center, marking the end of the first wedded period. For the fifth year, or wooden anniversary there were several arrangements, all novel, among them being wooden forks and knives with five Killarneys to denote the years; also a potato masher similarly arranged, the flowers fastened with toothpicks and raffia. A cake tin and tin funnel, the latter filled with a corsage of violets and roses, and a tin grater with 10 Francis Scott Key roses, were the suggestions for the tenth anniversary. Twenty handsome assorted chrysanthemums in a handsome vase imported from China symbolized the 20-year mark. A silver basket, with 25 perfect white Killarney roses tied with a silver bow, seemed very appropriate for the silver wedding. For the fiftieth anniversary there were fifty Bonnaffon chrysanthemums in a basket trimmed with gilt paper, and finally the diamond jubilee offering, a handsome corsage of lily of the valley studded with diamond pins.

The George Wienhoeber display which occupied the center of the hall was most elaborate. Rising from a platform, an eight-foot wicker vase filled with chrysanthemums of wonderful size and color met the eye, while two other large vases near by, tastefully filled with E. G. Hill Co.'s splendid seedling chrysanthemums and a handsome vase of American Beauty roses, formed a center about which were arranged 10 tables filled with novelties and the choicest of stock all most excellently displayed. For "The New Baby Arrival," as one table was designated, surrounding the figure of a stork in the center were cradles and baby shoes decorated with orchids, miniature roses, pompons, daisies and lily of the valley. Four cages, inclosing live birds, placed at the corners of one of the displays, attracted much attention. There were

Almost directly opposite the main entrance, the display of baskets of cut blooms and foliage plants, arranged by Miss Edna Frauenfelder, filled a large platform. Occupying the center a tall basket of Chrysanthemum Bonnaffon stood majestically; another of Mrs. Russell roses, advantageously placed, came in for its full share of admiration, while smaller receptacles, showing clever arrangements of foliage plants in pleasing variety, were not overshadowed. Another Frauenfelder exhibit was that of an attractive cen-



NEW ROSE RED OPHELIA AT THE CHICAGO SHOW.

Showing the usual good taste which characterizes the work of the Ernst Wienhoeber Floral Co., was the decorated dinner table arranged by that firm. The feature here was a dainty centerpiece of orchids, cattleyas and vandas with lily of the valley, presenting a most pleasing effect.

Nothing in the exhibition attracted more admiration than the handsome debutante basket to be presented to Miss Violette Selfridge, with the compliments of the Chicago Florists' Club.

chrysanthemums on display that looked well and the Growers' Cut Flower Co., Redwood City, Calif., sent exhibits of Doris and Viola pompons.

Vaughan's Seed Store display occupied a position in one corner of the hall, a group of well grown palms and chrysanthemum plants being arranged to present a very pleasing effect.

Occupying an individual table, a handsome basket of Mrs. Beu pompons received homage from many admirers of these dainty favorites. This was

The Cleveland Show.

The second annual Cleveland flower show, held under the joint direction of the Ohio Horticultural Society, the Cleveland Florists' Club and the Garden Club of Cleveland, opened November 10 and continued until November 12, with marked success. It was a good sized show, and as to the quality, there never was a better exhibition, both in the growers' section and the display of the retailers, who showed everything pertaining to their art—unique baskets, vases, and some very elaborate table decorations—and it is difficult to say which received the most praise, the wonderful large blooms of chrysanthemums or the table decorations, in which neither time nor expense was spared by the exhibitors.

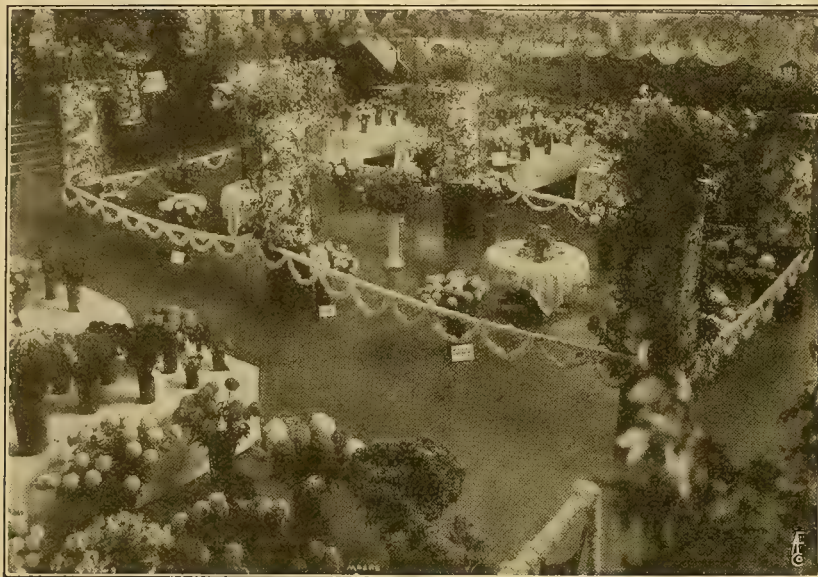
In the Corrigan cup class, such well known blooms as Wm. Turner, Mrs. J. C. Neal, Odessa, Wells' Late Pink, Nerissa, G. G. Mason, H. E. Converse and Earl Kitchener were used, these being the largest varieties.

A. N. Pierson, Inc., Cromwell, Conn., and Chas. H. Totty, Madison, N. J., each had excellent displays of pompons. J. E. Quallich of A. L. Randall Co., Chicago, had a vase of the new red carnation, *Thenanthos*, on exhibition, which was the center of admiration. A vase of the new chrysanthemum, *Tiger*, named by President Wilson and grown by Elmer D. Smith & Co., Adrian, Mich., a vase of *Barbara Davis*, named by Mayor Harry L. Davis, of Cleveland, after his mother, and grown by A. N. Pierson, Inc., Cromwell, Conn., and a vase of the new rose, *Cleveland*, named by popular vote at the Cleveland flower show in 1915, and grown by Chas. Totty, Madison, N. J., were at all times the center of attraction.

The Anna Dean Farm had on exhibition a large vase of *Sunburst* roses. E. A. Coe, the grower, received many compliments on the excellence of the blooms.

The large display group of palms, ferns and foliage plants, exhibited by Nag-ir-roc Gardens, of Wickliffe, O., situated directly in the center of the hall, was very good.

In the retailer's section the following had table decorations; some also had baskets and novelties: Jones-Russell Co., table of pansies and single violets and fancy baskets of violets, pompons and roses; Westman & Getz, table of violets, orchids and roses and novelties



EXHIBITION AT BLOOMINGTON, ILL.

This was filled with the choicest of Mrs. Chas. Russell, *Hoosier Beauty*, *Sunburst*, *Ophelia* and *White Killarney* roses, the arrangement being by the Ernst Wienhoeber Floral Co.

A vase of the new rose, Mrs. Sarah Yeats, exhibited by J. E. Yeats, Champaign, Ill., received lots of attention. The color is a rich velvety rose, the foliage medium heavy, dark green in color, and the flowers have large petals, the well-formed buds opening into a full evenly petaled bloom.

The J. D. Thompson Carnation Co., Joliet, showed a handsome vase of its new red seedling, *Superb*, which seems rightly named, color and form being excellent. A vase of *Rainbow* varieties staged by this firm and a red seedling, No. 143, also look very promising.

Red *Ophelia*, the new rose, placed on display by the E. G. Hill Co., Richmond, Ind., brought forth many flattering comments on its fine color, form and foliage. It appears to have many good points and the vase of splendid blooms never lacked admirers.

The Mt. Greenwood Cemetery Association, Chicago, added to the increasing popularity of the pompon family, its showing of the new bronze variety, *Hilda Cannine*, being well received, as did pompon seedling No. 10-1914, another Mt. Greenwood entry.

Poehlmann Bros. Co.'s exhibit of prepared oak leaves attracted much interest in their wide range of pastel colors, the blue being especially fine. The fact that they are fireproof is another point that impressed many visitors.

Walter W. Adams featured baskets of cut flowers and corsages. His display presented very clever arrangements of pompons, sweet peas, miniature roses, gloxinias, cat tails and natural butterflies.

James Livingstone, Milwaukee, Wis., had two vases of seedling anemone

exhibited by O. A. & L. A. Tonner.

The Leslie Floral Co. exhibited a huge basket of *American Beauty* roses. This was placed on the orchestra platform and was a distinctly decorative feature that could not be overlooked.

Mangel, the Palmer House Florist, displayed a splendidly arranged basket of *Pink Chieftain* and *McNiece* chrysanthemums, choice pompons and orchids, which was much admired.

A. H. Schneider Oak Park, Ill., specialized on cyclamens, and occupied one corner of the hall with a group of excellent plants.



BAYERDORFER'S EXHIBIT AT THE CLEVELAND SHOW.

"For the Kiddies" were good; Timothy Smith, table of pompons; Liberty Flower Shop, table of roses and pompons; J. M. Gasser Co., table of calendulas and Pompons; Smith & Fettes Co., table of Ophelia, Hoosier Beauty and corsages of violets and Mme. Perrie roses; The Flower Shop, Superior avenue, table of pompons and violets; Knobles Bros., table of Ophelia roses, bronze and red pompons, corsages of same, also decorated baskets; Christine Floral Co., table of Sweetheart roses

lence of the blooms and exhibits and the difficulty in awarding the prizes, due to the stock being of such uniformly good quality as to make distinction difficult, in several classes; only a few points were scored between the first, second and third prizes. Sam Pentecost, president of the Cleveland Florists' Club, then thanked all who were instrumental in making the show a success, and the florists and private growers for their hearty co-operation and beautiful exhibits. Last, but not

Gasser Co., The Friedley Co., The Naumann Co., H. P. Ellis and E. J. Buyer of Cleveland. In the private growers' section the following were among the successful contestants: H. S. Firestone, Akron, O., winner of the Corrigan cup; J. W. Corrigan and Mrs. Price McKinney, Wickliffe, O.; C. A. Otis, Willoughby, O.; C. W. Sieberling, Akron, O.; Mrs. L. Dean Holden, Cleveland; Woodside Farms, West Park, O.; C. B. Raymond, Akron, O.; The Misses Holden, Cleveland; Wm. G. Mather, Cleveland.

THE VISITORS.

Chas. E. Barton, Norwalk, O.
Mrs. Chas. E. Barton, Norwalk, O.
W. Bate, Newton Falls, O.
Mrs. A. E. Binder, Akron, O.
R. E. Blackshaw, Chicago.
Albert Brigg, Pittsburgh, Pa.
J. Byrden, Akron, O.
Stella Buskirk, Independence, O.
E. A. Coe, Barberton, O.
H. A. Cook, Oberlin, O.
Mrs. C. E. Dill, Lorain, O.
Albert Erickson, Western Springs, Ill.
P. J. Foley, Chicago.
A. Gemind, Akron, O.
Steve Green, Philadelphia, Pa.
Carl Hagenberger, Mentor, O.
S. J. Hamilton, Coshocton, O.
W. C. Harrison, Painesville, O.
Francis Hartzel, Detroit, Mich.
C. A. Hotchkiss, Cuyahoga Falls, O.
Mrs. B. W. Huling, Akron, O.
W. A. Humm, Oberlin, O.
L. L. Lamborn, Alliance, O.
O. A. Lechy, Orwell, O.
Mrs. O. A. Lechy, Orwell, O.
O. W. Leuschner, Barberton, O.
D. E. Lundin, Hinsdale, Ill.
A. P. Lynch, New Orleans, La.
Mrs. A. P. Lynch, New Orleans, La.
Elizabeth McCabe, Newton, Mass.
Joe Marks, Chicago.
Henry Meine, Youngstown, O.
John Merkel, Mentor, Pa.
J. Muller, Rutherford, N. J.
F. M. Noron, Lorain, O.
Mrs. J. A. Parker, Caldwell, O.
Wallace R. Pierson, Cromwell, Conn.
J. E. Quallisch, Chicago.
Martin Reukauf, Philadelphia, Pa.
W. Reynolds, Akron, O.
J. A. Rosengren, Crestline, O.
J. J. Salmon, Akron, O.
J. E. Smith, Akron, O.
Mrs. J. E. Smith, Akron, O.
W. J. Stewart, Boston, Mass.
B. H. Tracy, Wenham, Mass.
L. E. Wagner, Sandusky, O.
L. Westerberg, Warrenville, O.
Mrs. H. K. Wilson, Columbus, O.
R. Witterstaetter, Cincinnati, O.
W. L. Wyckoff, Chagrin Falls, O.
Mrs. W. L. Wyckoff, Chagrin Falls, O.
Mrs. Zang, Alliance, O.
Mrs. Nellie Ziegler, Bellevue, O.
Jos. Zwolinski, Independence, O.

C. F. B.



AN ACRE OF PALMS AT DREER'S, RIVERTON, N. J.

and pompons: A. M. Albrecht, table of bronze pompons; T. J. Kegg Co., table of fruit and flowers, also novelties in baskets and vases; The Crane Co., large basket containing four dozen large chrysanthemums—very good. A table by Mrs. F. E. Drury (Rudolph Thurman Gr.), was good. The Wyckoff Floral Co., Chagrin Falls, O., showed a wonderful display of straw-flowers in baskets, corsages and a shower bouquet. The show was well staged, well advertised, and also well attended by the general public. The new ballroom of the Hollenden hotel, just completed, added to the beauty and charm of the affair.

THE BANQUET.

At the banquet, which was held in the assembly room of the Hollenden hotel, Saturday evening from six until nine o'clock, about 100 florists, private gardeners, commercial growers and exhibitors, enjoyed the evening's entertainment. There was vocal and instrumental music, good eating and many good talks by prominent growers, the judges, and Judge White, who represented the mayor of Cleveland, the latter being unable to attend. H. P. Knobles was the toastmaster of the evening, and his remarks were timely and up to the minute. The first speaker called upon was Wallace R. Pierson, Cromwell, Conn., who also announced during the course of his speech the meeting of the Chrysanthemum Society of America in conjunction with the Cleveland show in 1917. The next speaker was E. A. Bause, newly elected vice-president of the Chrysanthemum Society of America. Judge White followed, and then the three judges of the show, F. C. Bartels, R. Witterstaetter, of Cincinnati, O., and Claude Tyler, of North Olmstead, O. All spoke of the excel-

least, Philip Foley, of Chicago, made a few remarks, adding to the enjoyment of the evening.

Among the principal prize winners in the commercial section were the following: Ethan A. Coon, Rhinebeck, N. Y.; Lasher & Pells, Redhook, N. Y.; Carl Hagenburger, Mentor, O.; Claude Tyler, North Olmstead, O.; C. Merkel & Sons, Mentor, O.; Wyckoff Floral Co., Chagrin Falls, O.; L. Westerburg & Sons, Warrensville, O., and the J. M.



CIBOTIUMS AND NEPHROLEPIS SCOTTII AT DREER'S, RIVERTON, N. J.

WITH THE GROWERS

Henry A. Dreer, Inc. Greenhouse Dept.

Those in need of inspiration, and there are very few who are not benefited by a little additional insight of "things as they ought to be," should spend a half day at the Henry A. Dreer nurseries at Riverton, N. J. Visitors are always outspoken in their praise of the wonderful stock and its tip top condition. Even now at this bleak season, when the outside flowers are gone and winter is fast setting in, there is so much to see in the acres and acres of glass, that interests growers and retailers, that the summer blossoms are hardly missed.

Palms, the most important of their specialties, fill houses that cover acres of ground; there are tens of thousands of kentias in all stages of growth from sprouting seeds up to 15-foot specimens. We have seen the palms here for many years, but they never looked in healthier condition than at this time. An immense block of *Cocus Weddelliana*, over 100,000 in two-inch pots and many in larger sizes, up to specimens in six and sevens, looked up to the Dreer standard. A large block of young arecas were coming on. A house was also given to *Lantania borbonica* in seven-inch pots, very well furnished. Of the kentias, thousands of made-up plants in the various larger sizes are grown here and at the Riverview extension, where is also to be seen the largest and best block of *Phoenix Roebelenii*, that most graceful of all palms, in the world.

Ferns are great favorites here. We question if the collection, considering its quantity and quality, can be duplicated anywhere. Commencing with the infantiles, there seem millions of them in one house, seed had been planted on benches and was coming up; in fact, was up, much of it large enough to be picked off. There appears to be a great saving of time as well as pans and boxes in this bench system. Of the two and two and a half inch pot plants there is an enormous quantity, house after house being filled with the best varieties for fern dishes. A large block of *Pteris argyræa*, in four-inch pots, two plants to a pot, looked very salable. *Cyrtomium Rochfordianum compacta*, which originated at Riverton, is a great acquisition and will undoubtedly be grown everywhere. Several houses in the fern range are given to the *Glory fern*, the easily grown *Farleyense*. It is in three, four and five inch pots. Each year the stock of this popular sort is increased, and each season at this time it is all marked sold. A large block of *Farleyense* in smaller sizes looked well.

Cibotiums are a specialty, each fern house having a row of large plants down the center. These rested on a pipe shelf, which is the last word in efficiency. Two one-inch iron pipes form this shelf; they are laid either side of the iron center post that supports the ridge pole, at the junction of the side pipe braces. This carries the shelf about 24 inches above the table. Such a shelf will not wear out or sag, and if kept painted, will last as long as the house. A bed of some 20,000 young plants of the bird's nest fern in two-inch pots looked very healthy—not a dark mark anywhere.

Dracenas Massangeana, fragrans and other popular sorts, are divided between Riverton and Riverview. At this latter place, crotons were seen in quantity, all fine stock. *Hydrangeas* are a feature, 100,000 rooted cuttings of the best French sorts being ready to come out of the sand. One could go on by the hour reciting the won-

derful variety and quantity of the various stocks of this establishment.

Captain James Clark, of the fern department, seems to anticipate their every need; heat, water and light are always just right. The *Farleyense* and the closely allied *Glory*, are given houses together and responded to his treatment in beautifully shaped plants. The geni of the palms is W. H. Taplin—he knows them from the tap root to the points of the leaves. When asked for the best insecticide, he recommended whale oil soap with a dash of nicotine. All stock should, he added, be immersed in the solution until every part of the foliage receives a thin coating. This should be done every three months. In addition there should be a spraying of the same solution every two weeks, applied with a hand pump through an atomizer. At the time of our visit, Chief J. G. Eisele, was deeply interested in the work of getting out the 1917 catalogue, which is prepared largely under his personal supervision. George Strohlein, who has much of the detail work of the establishment at his finger ends, is always on the job, but never too busy to answer questions. He said there was over 5,000 tons in the mountain of buckwheat coal that loomed up conveniently on the bank of the river. In these days of rising prices and halting freights, there was great satisfaction in the fact that it was there, on the ground, and not somewhere on the way. A recently constructed large iron and tile storage warehouse was found most convenient, but even now taxed to its capacity.

Not many years ago Henry A. Dreer, Inc., seemed almost full grown; its present size would then have been considered impossible. Now it is in such full swing, and growing so fast in every department, that it will go on and on, increasing in usefulness and keeping up to a standard and policy of aggressiveness that will be up to the next generation to continue. K.

M. J. Brinton, Christiana, Pa.

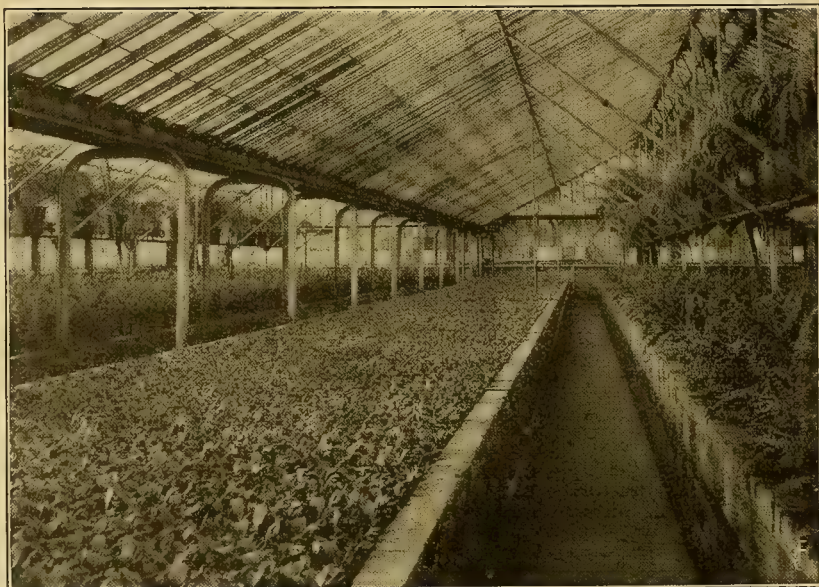
Greenhouse men appear to be most successful when they specialize. M. J. Brinton, of Christiana, Pa., succeeded to his father's business, which consisted at that time of a varied stock. When cold storage Easter lilies were offered, he tried a few and did so well with

them that he bought more and finally decided to specialize all the year on these, and other forcing bulbs during the winter. His importations for the present season are something over 400,000 bulbs, 125,000 of these being Paper Whites, 50,000 of which are now outside in frames. These will gradually be brought inside for forcing, he aiming to have a continuous supply from the latter part of November on.

Easter lilies are grown in large quantities. The flowers are cut just as soon as the buds crack; a house containing 50,000 bulbs in various stages of growth, all planted out in beds, gives an idea of the quantity handled. Fifty cases are brought from storage each week. A new Lord & Burnham house 40x142, all to be planted with bulbs, has just been completed. Quantities of Golden Spur and Emperor narcissi are brought on in February and March.

Four "Ideal" cast iron boilers, 36 inch grate, hooked together, provide heat for the carnation range, which plant is another specialty, three houses, each 40x200, being filled with stock in good condition. A 200-foot bed of Mrs. King gladioli, which will commence flowering about Thanksgiving, is a feature. Chrysanthemums were an early crop from houses that will be used later for bulbs. Yellow Queen, a new-comer, looks very fine, as does Early Frost, a fine white. Mr. Brinton is of the opinion that bulbs must not be forced or planted immediately on arrival; they should be allowed to thoroughly ripen first. The condition they arrive in should also be at once ascertained—whether they are sound and filled with flower buds. This is ascertained in the case of daffodils by cutting them open longitudinally, when the flowers will be found in the center perfectly formed and yellow in color; if not, or if brown in color, the insurance company should be informed at once and the bulbs refused. This must be done in 24 hours or they will not be responsible for damages.

The location, arrangement of greenhouses, boilers and coal bins, is exceptionally well planned here, the whole place showing evidence of ordered and systematic direction. Three other large "Ideal" cast iron boilers heat his lily range. Using the hot water system he finds the cast iron sectional boilers much better than the tubular type.



BIRD'S NEST FERNS AT DREER'S, RIVERTON, N. J.

Twenty-five Thousand Young Plants.

Mr. Brinton sends his products to commission men, devoting all his energies to producing the stock. Growing and selling he realizes are two entirely separate branches of the business and the best results are obtained by specialists in each line. K.

The Stiles Co., Oklahoma City.

The Stiles Co.'s greenhouses are located on a five-acre tract bounded by Twenty-eighth and Twenty-ninth streets, within one block of Fairlawn cemetery, and close to the heart of one of the best residential districts of Oklahoma City. Charles W. Stiles has charge of this, the growing end of the business of this firm. His special lines at this particular time seem to be carnations, chrysanthemums and bulbous stock, and, through his long experience with the vagaries of this sunny climate, he evidently has become master of the situation as all painstaking growers eventually do, for all of the stock is in excellent condition. The carnation plants were benched July 25. A little root rot developed here and there and some replanting was necessary, but this was of small moment comparatively, for at this time a nice crop of fairly long stemmed flowers is being cut and the prospect of a continuous supply is excellent. The varieties grown are: Alma Ward, Matchless, Beacon, O. P. Bassett, Enchantress Supreme and Alice. The chrysanthemums are finishing their flowers perfectly, thanks to the lack of humidity in the atmosphere. These are bench grown chiefly and the kinds planted are: Odessa, Wm. Turner, Golden Wedding, Col. Appleton and Dr. Enguehardt, together with half a bench of pompon varieties. As space becomes available with the cutting of the chrysanthemums, it is filled with bulbous stock in flats and there will be a good supply of Paper White narcissus for the Thanksgiving trade.

S. S. B.

Santa Rosa, Calif., Flower Show.

The residents of this city have every reason to be proud of the splendid flower show which opened November 2, and was brought to a successful conclusion Saturday evening, November 4. This enterprising city is almost "chrysanthemum mad." The large number of entries in the amateur classes, and the magnificent quality of blooms displayed, would have done credit to many of our successful growers. The show was held in the Masonic Temple, which proved an ideal hall for exhibition purposes. The various florists and nurserymen in and around the city all made fine displays of their respective specialties. Chief interest centered in chrysanthemums and a grand lot of all types were staged. The grand prize, a beautiful silver cup, presented by Luther Burbank, for the best collection of not less than 20 blooms, one in each vase, not over 18-inch stems, not less than 15 varieties, was won by the Lynch Nursery Company, of Menlo Park, with a grand lot of blooms. The silver cup presented by the Santa Rosa Chamber of Commerce, for the best collection of novelties, was also won by the Lynch Nursery Company. This firm also won the silver cup offered by F. A. Brush, for the largest bloom in the show, a wonderful Wm. Turner. All the exhibits of this firm were staged in fine style by Percy Ellings. Fred Grobe was also a large exhibitor of both pot plants and cut blooms. His display of ferns was admirable as also were his pot grown chrysanthemums. Leopold & Pollard, the local florists, were extensive exhibitors of chrysanthemums and dahlias, as was also J. Crabtree. The largest exhibitors in the dahlia section were

the well-known dahlia specialists, F. C. Burns & Co., of San Rafael. They showed splendid lots of decorative cactus and peony flowered, and captured several prizes in that class. In the class open to local exhibitors, Prof. J. S. Sweet carried off nearly all the first premiums. His stock was remarkably well grown and the blooms were finely finished. His exhibit of 1916 novelties was quite extensive, his yellow Wm. Turner being especially noteworthy. He also showed a sport of his own production, a white Good Gracious. This is a very beautiful thing and may be heard from later on.

The single and pompon chrysanthemums were also largely shown, but did not attract the attention that the larger blooms did. Well grown cyclamens and primulas were also noted.

The show was to have been formally opened by Luther Burbank, but he was unavoidably detained at the last minute. Mrs. H. H. Moke made a splendid manager. She was ably assisted by Prof. J. S. Sweet. The exhibition committee was composed of C. D. Barnett, Edward H. Brown, J. S. Sweet and Walter H. Nagle. Financially, the show proved a splendid success. The management has decided to hold another show next fall on a more elaborate scale.

G. N.

American Rose Society.

A meeting of the executive committee of the American Rose Society was held at Horticultural hall, Philadelphia, on the afternoon of November 8, at which various subjects of importance were considered. The way in which this society is progressing and coming to the front as one of the most important bodies of the craft is most gratifying. With its large amateur membership, which is gaining rapidly, it promises to soon become a most important factor, if not the greatest, in increasing the love for the rose and everything pertaining to the garden adornment of the home.

In the evening, a meeting of the Philadelphia craft, called together by President Pennock, to consider the feasibility of a rose show in this city by the national society in March, 1917, was largely attended and all were most enthusiastic for the project. A guarantee fund of nearly \$5,000 has been secured by 50 members of the society. With this assured, and the hearty support from all members, amateurs as well as those of the craft, the only difficulty appears to be getting a hall large enough for the exhibits and to accommodate the attendance necessary to make it pay. Horticultural hall was at first considered, but by many it is not thought large enough, either for the display or the crowds expected and necessary to make it profitable. President Pennock, in opening the meeting, called for full expression pro and con, as they wanted to be sure of hearty co-operation before action was taken. E. Allen Pierce, of Boston, said Philadelphia was the logical city; the guarantee fund gave the financial backing for generous prizes and if the show was conducted on the lines of the national shows, with their prestige, he was sure it would be a success. Robert Craig was just a little afraid that unless it could take on the character of the recent national shows, which the people flocked to, like they did to championship prize fights, requiring even professional ticket sellers, it would not attain the prominence to make it a financial success. W. F. Therkildson, the advertising manager of the National Show, said he felt sure they could duplicate the success of last spring if it was handled in much the same way, the cumulative advertising effect of that show being a great help.

A. Farenwald said there would be no trouble to make it pay because it paid everybody who had or would have anything to do with it. The kitten, which had been laid on our doorstep last year, was looked at askance, but finally taken in, and had grown into a very welcome addition to the family. He added: "We want the show; I am sure it will be a success in every way."

J. G. Eisele, of H. A. Dreer, Inc., spoke of the difficulties of the time of year with them, but promised to be with the society in the work. Robert Simpson, of Clifton, N. J., said the experience of last year's show cut out the element of risk. The society had always been like a tail to the kite and it was now time to assert itself, and this was the opportunity—he was sure of success. It meant business for the plant growers and education of the people.

George Burton was a little afraid of the profits, but heartily believed in the show and would do all he could. S. S. Skidelsky was not at first in favor, but now sees its possibilities, and said he would willingly do his best for it. Alexander Scott saw great possibilities in the show. If all the growers got together it would be a magnificent success. Mr. Brown of Cleveland said success in flower show attendance meant to in some way create a "human interest," or features that would attract attention, such as the mayor of the city naming a variety, or society ladies being asked to name plants after socially prominent people. Mr. Therkildson also spoke in this vein, reciting the incident of sending flowers last spring to Baby Sayre, the president's first grand-child, which was born during show week. Secretary Hammond's thought was of the great educational effect on the school children, who should be admitted free under care of teachers at early hours—a great factor in bringing their parents in later. It had worked splendidly at the rose show in Washington years ago.

W. K. Harris was for the show, heart and soul, although it was a little late to have the best results from pot roses. How to use roses in decorations, the way to plant pot roses and other information for the public should be a feature.

Mark Mills, after Mr. Eisele said H. A. Dreer, Inc., would come in, said he was sure it would be a grand success. He would give his best to make a great show. E. H. Mann of the E. G. Hill Co. said his firm would be glad to do what they could with exhibits to support the show. He thought the decorative work of the retail men an important factor.

W. A. Manda stated he was always in favor of flower shows as a great educator. In decorative features, in arranging and showing the public how to use them, they were essential. He had not the least doubt but that it will be a great success.

Louis Reuter thought the rose society fortunate in being asked to have its first large show in this city of show successes. He said he would help to do everything possible to make it the best event of its kind.

Edward Fancourt approved of the show, but thought Horticultural hall not large enough. Wallace Peirson, who was accustomed to carrying great burdens, assured he would do all he could to help it along and was sure of its success. John Dodds and Thomas Logan, representing the private gardeners of the city, assured the hearty co-operation of this important factor to the flower shows of this city. Altogether the meeting was most enthusiastic and a vote deciding it was the sense of the meeting that such a show was practicable and desirable was passed unanimously.

K.

Lancaster, Pa., Show.

This exhibition, under the auspices of the Lancaster County Florists' Association was held November 9-11, and in consideration of the fact that there are no large estates or private greenhouses in this vicinity to draw from a special effort was made to secure a good amateur display.

A half dozen vases of exceptionally fine dahlias demonstrated the abnormal weather conditions existing in this section, that has been without a freeze up to this date.

Two years ago at our first show, high class chrysanthemums were hard to find in this section. The display then made by our out-of-town friends, educated us up to the possibilities in this flower, and for this show the display by local growers was the equal of those exhibited anywhere.

Commercial awards were made as follows:

The Lord & Burnham Co.'s prize of \$20 in gold for the best display of chrysanthemum blooms was won by H. D. Rohrer, of Lancaster. His display consisted of 200 vases of single bloom specimens all exceptionally well grown, filling four tables and three vases of extra long stemmed and fine blooms towering over them in the center of the table group. These three vases were M. Louiseau-Rosseau, Nerissa & Wm. Turner.

Best display of cut flowers other than chrysanthemums was won by Chas. M. Weaver, of Ronks, Pa., with a table of sweet peas and mignonette that equaled the stock shown last spring at the national show. The prize was awarded by the King Construction Co.

A bronze medal offer by the H. F. Michell Co., of Philadelphia, was awarded to Elmer Weaver of Ronks, Pa., for the best display of plants and cut flowers. He had good ferns and begonias in the plant display and what I believe were the best calendula cut in the United States the past week.

A silver medal offered by the H. F. Michell Co. for the best table decoration in the retail display was awarded to B. F. Barr Co., Lancaster.

The fifteen prizes offered in the amateur section were all awarded.

Blue ribbons were awarded as follows:

Rudolph Nagel, of Lancaster, for a display of chrysanthemums that were not only fine blooms but staged with an eye to effect that would have gladdened the hearts of those who are preaching artistic staging.

Maurice J. Brinton, of Christiana, for a table of lilies, three types, all well done.

Amos N. Rohrer, of Strasburg, for display of high grade carnations.

E. F. Campbell, of Marietta, Pa., for a mixed vase of chrysanthemums that were the best specimen flowers in the show.

Honorable mention was made of the following:

Ira D. Landis, of Paradise, Pa., for table of carnation, daisies and pompons.

W. B. Girvin, of Leola, Pa., for table of chrysanthemums, carnations and pot pompons, the latter being extra fine.

Lemon Landis, of Lancaster, Pa., for table of chrysanthemums and lilies.

Frank Kohr, Lancaster, Pa., for display of cut flowers, plants and a remarkable showing of strawflowers.

H. A. Schroyer, for an excellent retail display among which was a basket of his new chrysanthemum Mrs. H. A. Schroyer, a very handsome bronze of good size and promising commercial possibilities.

Other exhibitors almost as good as those getting blue ribbons or honorable mention were as follows:

E. P. Hostetter, of Manheim, Pa., exhibited a table of yellow daisies showing high cultural skill.

A. F. Strickler, of Engleside, Pa., had a table of pompons grown outdoors that attracted continuous crowds of spectators seeking information for what they could grow themselves.

Alphonso Peters, of The Greenwood Floral Co., had a display of palms and design work for cemetery use.

Edw. Beck had a regular retail display tastefully arranged, and being a graduate of Sam Dobbs, the advertising man who made Coco Cola famous, he did some good advertising during the show.

Thomas Fries had a display of plants in great variety and pot chrysanthemums for decorative purposes that won universal admiration.

Mrs. Geo. Goldbach had a retail display of plants and chrysanthemum baskets that was quite an addition to the show.

B. F. Barr Co. displayed their evergreens from the nursery in a garden effect and combined with pot pompons, for color this display was perhaps the distinctive feature of the show.

Chas. B. Herr, Strasburg, had a specimen adiantum that had a spread of about three feet and was twenty inches high with every frond perfect.

Out-of-town exhibitors were as follows:

The Pittsburgh Cut Flower Co. displayed roses, chrysanthemums and pompons of high quality.

The Elmer D. Smith Co., Adrian, Mich., sent specimen blooms of the newer varieties and their new pompon for 1917, "Little Gem."

Chas. H. Totty, Madison, N. J., sent a handsome and large collection of pompons and singles showing both exceptional skill in growing and extraordinary fine varieties.

S. S. Pennock-Meehan Co., Philadelphia, Pa., sent roses, bouvardia, and a few orchids for which we were very thankful, as they came in Friday noon when the show needed a few fresh exhibits.

The McCallum Co., of Pittsburgh, sent a handsome vase of Mrs. M. R. Morgan chrysanthemums.

Richard Vincent, Jr., & Sons Co., White Marsh, Md., sent 49 varieties of pompons and judging from the amount of pencil and paper used by spectators around their exhibit they have helped in the education of our Lancaster public.

S. J. Goddard, of Framingham, Mass., sent a handsome vase of his new carnation Doris.

John F. Rupp, of Shiremanstown, Pa., sent "the Goose Plant" Aristolochia Sturtevant. This and a chrysanthemum half white and half pink was the freak attraction of the show.

We are especially proud of our judges, Wm. F. Gude, of Washington, D. C.; Charles Grakelow, of Philadelphia, and S. S. Pennock, of Philadelphia.

Harry K. Rohrer, the chairman of the flower show committee, deserves all the credit that can be given him for the way he handled the show and his committee, consisting of M. J. Brinton, Albert M. Herr, B. F. Barr, Lemon S. Landis, Elmer J. Weaver, Rudolph Nagel, A. F. Strickler and David F. Rose, were able and willing assistants.

The unsettled condition of the presidential election interfered with our attendance but it averaged up good for the three days and the show can be counted a success from every standpoint.

Sunday morning it was dismantled and all of the good flowers sent to the various homes and charitable institutions in and around the city.

ALBERT M. HERR.

American Sweet Pea Society.

A meeting of the executive committee of this society was held at the Hotel Breslin, New York, November 10, there being present Geo. W. Kerr, president, in the chair; Harry A. Bunyard, secretary; Wm. Sim, treasurer; J. Harrison Dick, Wm. Gray, Edward Jenkins and W. A. Sperling.

A report was received from Geo. W. Kerr and W. A. Sperling, who were appointed an auditing committee at the annual meeting last July. They reported the books in good order, with a balance of \$147 in cash on hand and all expenses and bills paid. Their report, as follows, was accepted and they were discharged with thanks:

TRIAL BALANCE, NOVEMBER, 1916.

Dr.	
L. 10, Vases	\$229.24
" 40, Guarantee fund	25.00
" 67, B. H. show acct.	420.50
" 25, Expense	265.01
Cash 45, Cash on hand	147.99

\$1157.74

Cr.	
L. 1, Membership	\$152.00
" 41, Guarantee fund	260.00
" 51, Prize donors	306.00
" 52, " outsiders ..	85.00
" 75, Receipt, gate	75.00
" 110, Surplus fund	259.74

When \$20 received for

B. H. Horticultural is posted

\$1157.74

A warm vote of thanks was passed to Chas. H. Totty, Madison, N. J., and John Stafford, Bar Harbor, Me., who between them had procured subscriptions for a special fund, amounting to \$276; Mr. Totty having obtained \$160 and Mr. Stafford \$116. It was through their efforts that the society's finances were put on a sound basis at this time.

It was proposed that all members whose dues were three years in arrears be dropped. An urgent letter of appeal will be sent to those who are delinquent, asking them to pay their dues. There are 75 members in good standing at the present time, and 10 life members.

A long general discussion took place in regard to ways and means of assisting the society and enlarging its membership. It was eventually resolved that some publication, to be called a bulletin, be prepared containing useful articles on varieties, cultivation and so forth, this to be published, together with the schedule, early in January. Advertisements will be solicited to help pay the cost of the bulletin. The schedule, with minor alterations, it is hoped, will be on the same lines as that of last year.

Edward Jenkins proposed that the next show be held in Boston, Mass., the date being Saturday, July 7. Wm. Gray seconded, and it was agreed to.

Wm. Sim was appointed a committee of one to interview the trustees of the Massachusetts Horticultural Society with a view to obtaining a guarantee from that society of assistance toward the prize fund for the show.

An invitation to meet with them had been received from the officers who are arranging the National Flower Show at St. Louis, April 6-15, 1918, and who are offering \$250 as prizes for sweet peas. It was resolved to suggest that this sum be at least doubled, since few growers, it was thought, would be induced to send displays unless liberal prizes were offered.

General satisfaction was expressed at the prospects before the society, and it is hoped that a successful year lies ahead.

H. A. BUNYARD, Sec'y.

Ames, Ia., Flower Show.

A sincere disposition on the part of the florists of Iowa to co-operate with the State College was manifested by the great number of entries made at the first state flower show staged at the college in Ames, November 10-11. The number of entries and the character of the material sent in was exceedingly good considering that no plans were made for staging this co-operative show until about three weeks ago. In this exhibition the college and the florists worked together in an effort to stimulate a greater public interest and the success of this first show by the florists has made it almost certain that a big fall show will be held next year in Des Moines.

Friday, which was "florists' day," brought many florists and their wives to Ames as well as some out-of-state trade visitors. About 45 florists availed themselves of the opportunity to gather at the college on that day. In connection with the flower show the florists held a meeting in the afternoon which proved to be of great interest. Dr. I. E. Melhus, of the college, gave a lecture on "Plant Diseases of Interest to Florists." He was followed by Roy F. Wilcox of Council Bluffs, Iowa, who discussed the "Cost of Production in Comparison with Present Selling Prices." The remainder of the meeting was given over to a general discussion of terms of credit, flower shows, and plans of increasing and educating the trade.

The support which the florists gave this first attempt at staging a flower show of state-wide interest received many commendations. The amount of flowers sent in exceeded the expectations of those who staged the exhibition and the support given warrants a larger and better show next fall. In addition to the material exhibited by florists in the nineteen competitive classes, several florists sent in material which would be of interest to the visitors.

The various novelties sent in by the florists of the central west attracted much comment. Some of the newer carnations were *Thenanthos*, exhibited by A. L. Randall Co., Chicago, and this attracted much attention; *Akehurst*, exhibited by the Schroeder Floral Co., Milwaukee, Wis.; *Nebraska*, exhibited by C. H. Frey Co., Lincoln, Neb.; *Bonfire* and *Rossette*, exhibited by Wieter Bros., Chicago. Among the roses were noted *Baby Doll*, Mrs. W. R. Hearst and *Lady Alice Stanley*, exhibited by J. A. Budlong, Chicago, and *Minnetonka*, exhibited by the Alpha Floral Co., Des Moines. Chrysanthemums in variety were exhibited by E. D. Smith & Co., Adrian, Mich. J. S. Wilson Floral Co., of Des Moines, had a fine collection of 11 different seedlings of single and anemone chrysanthemums. J. F. Wilcox & Sons, Inc., of Council Bluffs, staged an exhibit of cut flowers and pot plants covering 125 square feet. This fine display included both large and small chrysanthemums, roses, carnations, cyclamens and begonias. Wesley Greene, of Des Moines, J. F. D. Fulmer, of Des Moines, and Chas. J. Reardon, ofavenport, served as judges of the material exhibited by the commercial florists.

The college had its greenhouse open for inspection, and one large house, which was filled with numerous large specimen and bush plants, was the center of interest for all visitors.

Competitions for students in home floral decorations in which there were classes in table decorations, basket, and vase arrangements of autumn material, proved to be of much interest to the women observers, in particular.

A unique feature staged by the department—a large gilt picture frame in which was arranged a vase of large chrysanthemums forming an attractive picture entitled "The Queen of Autumn"—brought forth many comments.

The following were among the principal prize winners: Kemble, Smith Co., Boone; Kemble Floral Co., Oskaloosa; H. E. & C. W. Krebs, Cedar Rapids; Aldous & Son, Iowa City; O. B. Stevens, Iowa City; J. L. Deanmead, Marshalltown; J. S. Wilson Floral Co., Des Moines; Grant Newport, Cedar Rapids; Herman Bros.

A. S. T.

New London, Conn., Show.

The New London Horticultural Society held its annual chrysanthemum show November 8-9 in the courthouse of that city. The show was very attractive on both days. The non-competitive groups were very attractive. Manager Rough, of S. J. Reuter & Son, Westerly, R. I., displayed some beautiful blooms of bush, single and pompons varieties arranged for effect in baskets and vases and was given honorable mention. C. H. Totty, Madison, N. J., had some choice pompons and singles on exhibition and was given honorable mention also. Elmer D. Smith & Co., Adrian, Mich., also sent a very nice box of chrysanthemums for exhibition, among them a new light-pink pompon, named *Little Gem*.

Among private exhibitors the following were prize winners: Thos. Hatton, of the G. M. Landers estate, who won the first for a charmingly arranged group; also, first for largest chrysanthemum in the show. Ernest Robinson was first for 12 best chrysanthemum blooms. Stanley Jordan, superintendent for E. S. Hartsellers, Waterford, Conn., won first for a fine display of singles. Other exhibitors in pot plants who were prize winners were: Gustav Newman, gardener to Alfred Mitchell estate; John Maloney, gardener to Guthrie estate, for best blooms in 6-inch pots. Some fine vegetable exhibits were shown from the Palmer and Harkness estates. Fruit was not so largely exhibited as in former years, but was on the whole good samples of the many varieties. Table decorations on the second day of show were a great feature attraction. Judges for the show were Alfred Flowers, Roseland, N. J., Otto Ernst, of the Geduldig Greenhouses, Norwich, Conn.; Mr. Shea, of the Osgood estate, Norwich, Conn.

STANLEY JORDAN, Sec'y.

Edison's Way.

Thomas A. Edison, who never saw the inside of a college as a student, once had in his laboratory a man fresh from one of our great universities. This young bachelor of arts met much that upset his pet theories. But he would not readjust these theories.

One day Mr. Edison unscrewed an incandescent electric light bulb. "Find the cubic contents of this!" he said to the college graduate.

The college student went at it boldly. Reams of paper were figured and disfigured the next few days. Finally he brought to Mr. Edison the result. "You're at least 10 per cent out of the way," said the inventor. The graduate, sublimely confident, disputed this.

"All right," said Edison calmly. "Let's find out."

The inventor quietly knocked the tip off the blown end. Then he filled the bulb with water, weighed it, and in about a minute had arrived absolutely at the result. Fortunately, the lesson went home, and the star student became an excellent electrician.

False Economies.

Paper by A. F. J. Baur, read at a joint meeting of the State Florists' Association of Indiana and the Society of Kentucky Florists, at New Albany, Ind., October 17, 1916.

Mr. Chairman and Fellow Florists:

Economy is a subject most vital to us all; indeed, it is a vital issue with practically every citizen, whether he be a poor laborer who lives by the sweat of his brow, or the manager of a large corporation with millions of capital at his command. Economy is considered of such great importance as to engage the best thoughts of some of our brainiest men. In the factory, on the farm, in the kitchen, in the bank and in the civil government, economy is the watchword, and wherever true economy is practised, there is progress and accumulation of wealth.

But unfortunately, the average person's perception of economy is merely the saving of material or money, and any kind of saving is considered economy, when really there is a point where it loses its virtue and becomes a menace, known as false economy, which is as bad as real economy is good. It is of this false economy I want to talk to you today. It will be my purpose to point out to you, some of the things many of us do from day to day, under the impression that we are economizing, when really we are wasting our resources in so doing. You have heard the old maxim, "penny wise and pound foolish." Well, that saying is made a reality every day by members of our profession. For instance:

Why do we find so many greenhouse ranges poorly located? Usually it is because the land could be purchased at a low price, little thought being given to proximity to the markets where the stock is to be sold, the accessibility to an adequate water supply, which in most cases is the city water mains, a handy railway switch for unloading coal and other materials, to say nothing of future real-estate values. The benefits from these things will easily pay the interest on several thousands of dollars invested in a desirable location. To locate on low-lying ground, with its constant danger from floods, is foolhardy to say the least.

In planning a greenhouse range and the heating plant, not enough thought is given to future extensions. Growers seem to imagine that their present building operations are to be their last. Steam mains are installed to take care of the glass put up and no more. No thought is given to possible future needs, which might be taken care of by slightly larger mains, or a tee or two in place of some of the ells, at very slight extra initial cost. The same might be said in regard to provision for attaching additional boilers without having to tear down the whole piping system inside the boiler room.

In stocking the place, catalogues and trade papers are hunted through in search of offers of cheap stock, quality seeming to be of secondary importance. Cash is usually demanded in such offers and if the stock is inferior it is benched anyway, because it is paid for, and there might be further delay in procuring good stock elsewhere, and trouble in inducing the shipper to take it back. And thus the chance for success gets its first jolt.

Frequently, after a poor season, the grower imagines that he can carry the weakened plants along and induce them to start into a vigorous growth for the second season, to make up for what they failed to yield the first season, incidentally saving him the cost of replanting with young stock. Almost invariably he dumps the whole lot as worthless, just when the space should be yielding the heaviest. Too many growers of small places hold to the

idea that they must carry over stock plants and propagate their own stock of everything they grow. This is the age of the specialist, who can produce young stock of better quality and sell it for less money than it costs the average small grower to produce it. If the same space were devoted to finishing salable stock, considerably more than the cost of the young stock could be derived therefrom, and his trade would be better served.

There are still some growers who persist in using old soil where the very best of soil is none too good. Old rose or carnation soil is not fit to grow high grade carnations or chrysanthemums in. I realize that the soil problem is a serious one with many growers in the large cities, but new soil would have to cost considerably more than I have ever known to be paid, to offset the difference in the yield. And right along the same line is the question of manures and fertilizers. To skimp on fertilizer means to cut the yield. What is generally called overfeeding is not so much excess of fertilizer as it is improper application of fertilizer. A closer study of the effects of fertilizers under varying conditions would prevent much damage. Using propagating sand for several successive batches of cuttings is another source of much loss. The cost of sand in proportion to the value of the cuttings, does not justify the risk taken in using it for more than one batch. The most successful propagators follow the practice of renewing the sand after each batch of cuttings.

We are frequently asked how much help is required to run a given amount of glass, or rather with how little help should a manager be able to get along. There is perhaps no greater fallacy than to run an establishment with less help than is needed to keep everything right up to the minute at all times. Once you get behind, it is hard to catch up. As the season advances, the stock develops, new work continually comes crowding along and soon the stock suffers for want of attention and the season's yield is curtailed. We find this short help condition prevalent especially among the new beginners. They seem to think that they can be grower, salesman, designer and delivery boy all in one. Consequently, when there is a funeral in the town, the growing stock goes without watering until afternoon or evening and the cuttings may be shaded if they are not forgotten in the rush. So that in a season's run, the losses would easily pay for a good extra man. Some of these gluttons for work imagine that they can even stay up the most part of each night and do the firing, rendering themselves unfit to attend to

While we are on the question of help, it might not be amiss to say a word on the question of pay. Many employers seem to think that the less they can get a man to work for, the more money they are saving for themselves, a mistaken idea of course. Other more progressive employers have come to a realization that the more wages a man can make himself worth, the more profitable he is to his employer, and the best incentive is to let your men understand that their wages will be increased in proportion to their service. Once let an employee get the impression that he can progress no further in your establishment, and you have killed his ambition to render you more valuable service.

Why do so many of us put off starting the fires under the boilers until everything has had several good chills? Often the effects are seen for weeks after.

There are still some growers who persist in fumigating their houses with tobacco smoke, produced by burning the stems, just because they can be had for little or nothing. Some even pretend to believe this method to be more effective than the modern way of spraying or fumigating. Most of you will be able to recall many a case of burnt tips on the chrysanthemums, or a batch of ruined spireas, to say nothing of the heavy crop of aphids and thrips, which grew while you were unable to smoke for one reason or another at the proper time. Tobacco smoke produces the same effect on plants now, that it did in those days and that method of fumigating is one of the shining examples of false economy.

About letting the other fellow try out the novelties, how many growers there are who pride themselves on their exceeding wisdom in letting the other fellow get stung on the new things offered by the novelty sharks, when really they are letting their competitor skim off the cream before passing the skimmed milk on to them. The biggest profits are usually made off a winner during the first two seasons after dissemination. Take, for instance, the new rose Ophelia. Nearly every grower who bought it the first year was pleased with it and made money on it. This season, with the increased plantings, the price will likely be about the same as the other standard varieties. Next season Ophelia will probably be a drug on the market, and the grower who was so wise as not to hop onto the band-wagon until Ophelia had a good tryout, will be drinking the skimmed milk. We could cite parallel cases without number. We call to mind a conversation some years back, with a grower from a city about the size of Louisville. He asserted that he bought more of the novelties than all the other growers in his vicinity put together. Why, just that season he had spent about \$15 on new carnations. When we informed him that our firm spent anywhere from \$100 to \$300 each year for new carnations, he nearly fell dead. It is a fact, that the successful growers are those who buy the novelties, and I firmly believe that their success is largely due to the fact that they make use of the improved varieties as they become available.

Too much stock is subjected to the delays and dangers attending freight shipments. Few if any plants are benefited by shipping, and every additional day in transit reduces their value more than the amount saved on express charges. We recall a shipment of palms, invoiced at nearly \$200, which was caught in an early cold snap in November and completely ruined. Safety first should be your watchword in shipping plants.

There is perhaps no class of buildings that are worse neglected than greenhouses when it comes to painting. And this is in spite of the well known fact that not only does paint prolong the life of the greenhouse, but that plants thrive better in a light house than in a dark one. The only excuse ever offered is the cost of painting. I believe that the cost of painting a greenhouse every three years would be returned in the increased yield from the plants, to say nothing of the prolongation of the life of the house.

Every person connected with the trade should affiliate with the trade societies. The good accomplished by both national and local societies is such as to merit greater support than is now given. We sometimes hear the complaint that there are so many different trade societies and that it costs so much to belong to them all. Fact is,

you can belong to them all for life, for less money than many of you have spent on some pet hobby, and they are doing you infinitely more good. And don't stay away from the conventions and flower shows on account of the expense. Here again I might say that the successful ones among you are those who take advantage of every opportunity to mingle with their fellow craftsmen and the larger the gathering, the greater the opportunity for learning.

There are many other forms of false economy, but I have pointed out those which are in daily use and which we all ought to know better than to practice. I have touched upon each one but briefly, feeling that a free discussion would perhaps do the most good. I thank you very kindly for your attention.

Propagating Houses.

ED. AMERICAN FLORIST:

In a range of five greenhouses designed for growing a general assortment and stock of plants, and the general assortment of winter and spring flowering plants, including bulbs and roots for cut flowers and pot plants, a full assortment of all kinds of bedding plants, also palms, ferns and other foliage plants, can the propagation of these plants be successfully carried on in the different greenhouses in improvised ways and places or should there be a separate house to be used for propagating purposes only? If such a house is considered essential what would be the proper size and design for same? Any and all advice, information and instructions on this subject will be greatly appreciated.

Washington, D. C.

J. W.

The propagating house is one of the most essential parts of any greenhouse establishment, and while on many places a great deal of the propagating has to be done under improvised conditions in the plant houses, yet at the best it is only a makeshift.

On a place of the size under consideration, the propagating house would have to be in steady use during the fall, winter and early spring months; the rest of the year it could be used successfully for growing ferns or other pot plants.

Taking, as an example, the fall of the year, when the bedding plants require a large amount of propagation space, some of the cut flower or pot plants must be sacrificed to furnish this space and many times the conditions needed as the best for growing cut flowers or plants are not so good for propagating purposes. I have in mind a propagating house, which I consider, would be ideal for the establishment mentioned. It is 50 feet long, 12 feet wide and contains one three-foot bench built one foot away from the north wall next a 24 inch walk; then a four-foot bench and on the south front of this is another 24-inch walk. The roof is about even span with double ventilators. This house is built on the north side of a cut flower and plant growing range and has to turn out a large amount of stock to supply the establishment.

Three very important parts of a propagating house are that the benches be built at least one foot away from the side walls; next, that heating be arranged to furnish plenty of bottom heat and that each coil of pipe can be operated separately; also that ample ventilation be arranged for.

C. W. JOHNSON.

EVANSVILLE, IND.—Col. J. D. Carmody, who has had the grip for several weeks is now on the way to recovery.

Cincinnati.**MEDIOCRE SALES AND HEAVY SUPPLY.**

Stock in the market is still too plentiful. Business is only fair and not strong enough to take up all offerings. As a result, a considerable amount of blooms find exit from the wholesale houses only by way of the ash-barrel. Colder weather the early part of this week will probably check the influx of stock. Chrysanthemums of all kinds, sizes and varieties are plentiful. Carnation offerings are larger than the present needs of the market require.

E. A. Foster had a beautiful display of flowers at his new store last week. The store proper was filled with an excellent assortment of chrysanthemums, which his large 9x23 cold air duct glass ice box with its small panes was filled with choice roses and carnations. The show was well attended.

The E. G. Hill Floral Co. gave their usual chrysanthemum show last week. The display was the best they had ever had. The attendance, too, was larger than it was any previous year. As an advertising proposition alone the affair was a big success.

The Eden Park Greenhouses, under the management of the City park department, showed a beautiful assortment of chrysanthemums and pompons last week. The attendance was large. H.

Rochester Florists' Association.

The feature of the meeting of the Rochester Florists' Association, held November 13, was the address of C. B. Ogsten, of the Kimball Conservatory, who told of the progress that had been made in eliminating the diseases of the chrysanthemum. He called attention to the fact that the carnations of the present time are far superior to those offered 10 years ago, the color and vitality having been greatly improved, with stems also much longer than in previous years.

There was an unusually large attendance at the meeting, with Charles Vick, president of the association, in the chair. Mr. Vick appointed a committee to draft resolutions on the death of Fred W. Vick, who was the first president of the association. The committee was made up of A. H. Salter, H. E. Wilson, Horace Head, John Dunbar and H. B. Stringer.

After Mr. Ogsten's address John Dunbar told of his recent visit to the Cottage Garden Co.'s establishment, Queens, N. Y. A discussion on the growing and marketing of carnations followed.

Washington, D. C.**DULL TRADE FOLLOWS ELECTION.**

Business is as good as can be expected following election. Stock is plentiful and prices are reasonable. Chrysanthemums are in good supply and prices range from \$2.50 per 100 to \$2 per dozen for the best. Carnations are exceptionally fine for this time of year. Roses are to be had at buyers' prices with little demand for them. Bouvardia is not plentiful and finds ready sale. Violets both single and double are of as good quality now as in midwinter and the call for them is good.

Leapley & Meyer, who have one of the smaller stores in this city but by no means a small business, report they are more than satisfied with their fall trade. They have invested in new automobiles, which indicates prosperity.

C. Brooks, one of the oldest florists on Fourteenth street, is to remove to larger quarters. The new number is 1528 on the same thoroughfare.

George C. Shaffer has been exceptionally busy the past week with wedding decorations. He has not missed

a day without at least one order for a decoration.

The Washington Florist Co. is cutting some excellent roses of the varieties Ophelia, Sunburst, Hadley and Killarney.

Arthur Hankin, designer, is now a benedict, and is receiving the congratulations of the local craft.

Visitors: J. J. Gandy, of H. A. Dreer, Inc., Philadelphia; S. Bayersdorfer, of H. Bayersdorfer & Co., also of that city. G. C. D.

Nashville, Tenn.

Trade continues to improve every day and may now be considered in full blast for the winter season. Flowers are plentiful and of most excellent quality, chrysanthemums just at this time being in the ascendancy for each and every occasion. Prices are very good and the outlook satisfactory. Roses are blooming profusely, some beautiful Ophelia being noted along with American Beauty, Russell, Aaron Ward, Kaiserin, Killarney and others. Violets have made their appearance and there promises to be a full supply. Lilies and valley are abundant and there are many pretty pot plants.

Charles H. Tritchler is showing a nice lot of chrysanthemums, both plants and cut flowers in the Saturday market. He, besides having a range of his own, is gardener for the Nashville, Chattanooga & St. Louis Railway and a member of the Railway Gardeners' Association, of which he was at one time president, and which held one of its annual meetings in this city.

Dan McIntyre continues quite ill at his home on the Hillsboro road. Another florist, who is down with bronchitis, is Joe Brown, proprietor of the Lischee nurseries and greenhouses. He has been ill for some weeks. M. C. D.

New York Florists' Club.

"Ladies' Night" was the feature of the meeting of the above organization in its rooms in the Grand Opera House building, Monday evening, November 13. The attendance numbered several hundred and the programme arranged proved most enjoyable. The business session which preceded the entertainment and dance was brief, the principal business transacted being the nomination of officers to be voted for at the December meeting, which resulted as follows: For president—Charles Schenck, Henry Weston, T. B. DeForest, Frank Pierson and G. E. M. Stumpp. For vice-president—J. H. Fiesser, Max Schling, W. G. Badgley and P. W. Popp. For Secretary—John Young, J. Harrison Dick, M. C. Ebel. For treasurer—W. C. Rickards, Wallace R. Pierson and J. McHutchison. For trustees—Roman J. Irwin, John Canning, Alfred Kottmiller, C. H. Brown, Christian Madsen and Victor Dorval.

San Francisco.**BUSINESS VERY SATISFACTORY.**

Business is still going along at a very satisfactory rate, with plenty of stock of all kinds to be had. Up to the present writing we have had no killing frosts, so that there is still an abundance of all out-door stock. There is rather a large supply of roses just now of all grades. American Beauties are improving right along, as are also Russells. Both sell equally well. The supply of other standard varieties is fully equal to the demand. Chrysanthemums were much more in evidence the past week than at any other time during the season. This is no doubt due to the sharp falling off in the shipping business. The out-of-town call for this flower ceased all at once, owing to the fact that florists in other sec-

tions of the coast, who usually depend upon California grown chrysanthemums, are now cutting enough of their home-grown stock to supply all demands for local consumption. However, the shippers have all done a splendid trade this season and have no cause to complain. Jennie Nonin and Wm. Turner are the leading whites just now. Helen Frick and Chieftain, the two most popular pinks. May Hunter is about gone. There are enormous quantities of Bonnaffon to be had. In pompons, Lillian Doty and Klondyke are very popular. There is little if any demand for singles. There is a very large supply of violets, although large quantities are shipped daily out of the city. Carnations have made very rapid improvement of late and some exceptionally fine stock is being received. There has been no advance in prices, however. Cattleyas are offered rather freely and clean up well. A few snapdragons are coming along and are rapidly disposed of. There are still enough dahlias for all needs, but they lack the fine texture of a few weeks ago, and in a few days more will be a thing of the past. In pot plants, cyclamens, begonias and some chrysanthemums are being sent in, but owing to the very limited call, the supply is small. The green market is keeping up well with sufficient stock for all demands. The handlers of this stock report shipping trade as very good.

NOTES.

While the weather was not very favorable quite a large attendance was on hand at the regular meeting of the Pacific Coast Horticultural Society. Much business of importance was transacted and several interesting exhibits were on display. The feature of the evening was an illustrated lecture on "Forestry in California" by Prof. M. B. Pratt. This proved very instructive and Prof. Pratt showed himself thoroughly versed in the subject of forestry.

A splendid chrysanthemum show was held in Turlock, November 3. George N. Starr, the leading florist of that place, was the largest exhibitor in the commercial classes. The Lynch Nursery Company, of Menlo Park, had a grand lot of flowers on display, but this exhibit was not for competition. There was quite a large display of dahlias and other seasonable flowers also. The hall was prettily decorated and the show was a success financially.

We have been advised by Mark Ebel, manager of the Sacramento flower show, that everything is in readiness for the exhibition. He says the quality of stock will prove an eye-opener to all visitors. Quite a number of the trade from this city and surrounding counties will make the trip and help the good work along. The show will be held at 612 J street and the entire proceeds will be given to charity.

Since the sudden decline in the chrysanthemum shipping, most of the Japanese growers have found that they have more flowers than the demand, and as a consequence have pooled their stock as they did in former years to obtain better prices. All this stock is disposed of at the market on Bush street.

The chrysanthemum show held at Roseville was a success in every way. Owing to the lateness of the date of holding the show there was not the variety that one would expect, but nevertheless it was very creditable. It is planned to hold one next year, but it will be held about the end of October.

Richard Cruikshank, of Redwood City, was a recent visitor returning from Santa Rosa, where he was one of the judges at the recent flower show.

To persons interested in dahlias, a visit to the Bessie Boston Dahlia Farm, at San Mateo, is always of the most instructive character. From a small beginning this establishment has grown to be one of the best known on the coast in their particular line. Mrs. E. Lymbery, the owner, always extends a hearty welcome to all visitors. Her collection of collarettes, both standard varieties and her own seedlings, would be hard to improve upon. The product of these gardens is shipped all over the country and the business is rapidly extending year after year.

John Riley, long known as the father of the park system of the city of San Jose, passed away last week at a very advanced age. It was through the efforts of Mr. Riley that San Jose boasts the number of public squares and parks. For many years he held the position of superintendent of city parks. He was held in the greatest esteem by the citizens of that city and his passing is deeply regretted.

Martin Ross, of San Mateo, says he is well pleased with the way business is opening up at his new establishment in that city. Since purchasing the old Herbert G. Hardy range, he has completely rebuilt and remodelled the premises and the place is a most attractive one. Martin is well known to all of us as a splendid grower and his stock shows it.

Ferrari Bros. are rapidly getting their orchid houses into shape. They have a grand lot of phalaenopsis, of which a great deal is expected this season. Their cattleyas are also showing a fine, vigorous growth. Their large range of rose houses is giving a large daily cut, nearly all of which is disposed of in this city.

This city was well represented at the flower show of the Menlo Park Horticultural Society. The trade from all the bay counties who visited the show were of the opinion that it was the finest ever given by the society. Frank D. Pelicano, of this city, was one of the judges in the cut bloom section.

H. Plath has returned from the convention of the California Nurserymen's Association, at Santa Barbara. He reports the meeting as being very well attended and great interest being manifested by the visiting members.

A. C. Stein reports trade as very good, especially in large decorations, of which this firm has had several in the last week. A very attractive display is maintained at all times in this store.

The railroad commission has authorized C. C. Morse & Co., the well known seedsmen, to sell 2,290 shares of stock at a price not less than par, for cash, or in payment for services.

F. C. Burns is still bringing some grand dahlias to this market. He grows Geisha to perfection and has no difficulty in disposing of all his stock.

G. N.

Milwaukee.

CHRYSANTHEMUMS IN HEAVY SUPPLY.

This market, like most of the others throughout the country, has suffered a set-back during the past two weeks, the cause of which is hard to determine, the main factor though undoubtedly being the very large supply of chrysanthemums which in turn is having its effect upon most of the other lines of stock. Carnations, which are of very good quality, are coming in more freely, but do not bring the prices they did up to a fortnight ago. The only article holding its own is lily of the valley. While we always experience a little let-up during the chrysanthemum season, we do not remember of conditions to equal those of the present time. With a dark, wet Sunday and

snowing the best part of Monday of this week, winter was duly ushered in and we now have hopes for the best season ever.

NOTES.

J. M. Fox & Son, Inc., have the order for annual charity ball for the Infants' hospital to be held at the Auditorium December 7. The north half of the large hall, instead of the southern half, as in former years, will be used and with the large stage, which will be transformed into a garden where suppers will be served, there will be more chance for elaborate decorations. This suits A. T. Kellner, who will execute the work fine, for that is his hobby, and incidentally, business.

F. Craneheld, secretary of the Wisconsin Horticultural Society of Madison, Wis., in a letter to the local florists' club asked that they select two members to read papers at the annual meeting of his society to be held December 12-14 at Madison. Besides these, he also expects a large attendance of florists, as the club as a body affiliated with the horticultural society about a year ago.

Ernst F. Noehl, representing S. S. Skidelsky & Co., Philadelphia, arrived on his initial visit to this city November 12. He says that business for the past eight weeks has been highly satisfactory, and he finds most florists enjoying prosperity.

The stork stopped long enough to leave a fine baby girl at the home of Archie McDonald and wife October 31. It is the first heir, and this with the result of the presidential election, is the cause for the "smile that won't come off."

The Heitman-Oestreicher Co. is featuring large Jerusalem cherries in 7 and 8-inch pots, which are well berried and highly colored at this time.

E. O.

St. Louis.

BUYERS PRICES OR THE DUMP.

Warm weather the first part of the week forced so much stock into the market that the wholesalers were in a quandary to find a means of disposing of it. Roses, carnations and chrysanthemums were in such abundance that the best went at buyers' offers—the remainder to the rubbish pile. Chrysanthemums Bonaffon, Appleton and Townsend sold at \$6 to \$8 per 100. This was the top price for select stock, the balance going as low as \$10 per 1,000. Carnations, good in quality, were hard to move at prices as low as \$6 per 1,000. Roses are affected by the warm weather and the quality is below standard. One wholesaler offered them in quantity at \$1.50 per 1,000, without any returns. Pompons are plentiful and of fine quality and sell well at prices ranging from 12½ to 25 cents per bunch. Violets and sweet peas are moving satisfactorily. Some very fine Spencers are to be seen. Paper Whites and calla lilies are arriving and Harrisii are in good demand. Lily of the valley is inclined to be scarce, but the local supply is equal to requirements. Orchids are none too plentiful and are priced at \$6 per dozen. Greens clean up well.

NOTES.

The spring flower show committee has made splendid progress—everything has been done that can be taken care of to date. The premium committee has been very successful and has secured some valuable prizes. The general public also are much interested and seem anxious to make this a most complete success.

At the meeting of the florists' club, November 9, it was decided to discontinue holding meetings in the Odd Fellows' building and the trustees will look for more convenient quarters.

C. A. Kuehn featured some very fine calla lilies during the past week. His large supply of chrysanthemums of fine quality was also a feature at his establishment.

W. C. Smith, Wholesale Floral Co. are showing some exceptionally well grown pompons and Paper Whites. They report large sales but prices rule low.

The Florist and Nursery Employes' Union, at its regular meeting, November 6, decided to postpone nominations of officers until its next meeting.

Fred H. Weber has been kept busy with orders for decorations. J. Witek and F. C. Weber also report good business in this line.

J. Jacobs, of A. L. Randall Co., was a recent visitor, calling on the trade here and in East St. Louis and Belleville, Ill.

The Windler Wholesale Floral Co. are meeting with a ready sale on Spencer sweet peas. The quality is very fine.

Max Rotter, the north side florist, reports normal business. He is a daily visitor to the market.

George H. Angermueller reports excellent trade in supplies at his always busy establishment.

H. G. Berning is receiving large quantities of Christmas decorations.

X. Y. Z.

Kansas City, Mo.

CHRYSANTHEMUMS LEAD THE MARKET.

This city is experiencing a glut of chrysanthemums, which arrive in immense quantities, due to warm weather, but a cold wave, which arrived November 11, and which, from all appearances, will stay for a while, will help to hold them back. Roses are plentiful and notwithstanding the hearty supply of chrysanthemum prices held firm for good stock. Carnations are getting more plentiful. Other offerings are sweet peas, violets, lily of the valley and snapdragons. Pot plants sell practically on sight.

NOTES.

W. J. Barnes reports a very successful week's business, there being numerous good wedding and funeral orders. He is cutting a large crop of chrysanthemums, together with a number of good carnations and white and yellow narcissi. Chrysanthemum plants and red begonias are good stock.

Wm. L. Rock Flower Co. is cutting heavily on chrysanthemums and prospects for a good crop of carnations are better. This firm has received the first of their two new Studebaker cars. The Studebaker seems to make a hit with the trade in this city, the only rival being the Ford.

H. Kusik & Co. report heavy receipts of chrysanthemums and pompons. They also have a big stock of local grown roses and carnations. They are now handling cut lilies, which are coming with tight buds.

T. J. Noll & Co. are handling a flood of chrysanthemums. Roses are plentiful and carnations improving. This firm has received one shipment of Christmas supplies.

The Rosery reports good business in all lines. This firm had the K. of C. decoration last week, which was quite elaborate. They are handling fine chrysanthemums.

Wm. Foith cleaned up on his chrysanthemums before the glut came and has his late varieties now in fine shape. His carnations look promising.

The Alpha Floral Co. reports business good. They are preparing for their Christmas trade and getting supplies in shape.

The Costello-Moore Floral Co. are offering their store for sale, other business making this necessary.

Miss Lou E. Boggess reports poor trade during election time, but says it is swinging back into the same old stride.

The Elmhurst Landscape & Nursery Co. is doing a good business in landscaping and is prepared for a good trade.

A. F. Barbe is cleaning up well on chrysanthemums. Roses and carnations here are better in supply.

Biederman & Son report good chrysanthemum sales and a brisk demand in wedding orders.

The Oakwood Floral Co. is bringing in sweet peas with stems from eight to 14 inches long. E. J. B.

Lancaster County Florists' Association.

Thursday, the 19th, was worse than any "Friday, the 13th," ever heard or read of, but in spite of all this, 22 loyal florists turned out to visit the establishments in the vicinity of Lancaster. Five automobiles were used for the conveying act, and every one enjoyed the trip.

The first call was made at the establishment of Rudolph Nagel, the "chrysanthemum king" of this section. His stock certainly warranted his holding the title, and he has all of the good ones in fine shape, along with a few that are not living up to their reputation, but this is always the case where one buys all of the novelties. His pompons are exceptionally good, and one can fairly hear the money rattling into his pockets. Geraniums are grown as a side line; they used to be the whole line, but like some others, he finds that he can make more out of his glass with other stock, so we found sweet peas and mignonette being started to take the place now occupied with chrysanthemums instead of with geraniums as last season.

As geranium cuttings were not so interesting to the party we skipped the establishments of A. M. Herr, Peter Brown and F. W. Ritchy and went to the B. F. Barr greenhouses, where more chrysanthemums were found, and some of the finest in the city. Here we found everything pertaining to the growing end of a retail establishment. Three houses of roses in the pink of condition, three houses of carnations coming along nicely, sweet peas, daisies and every imaginable species of pot plants. A number of houses have been remodeled, several new ones added, and the whole place has that appearance of prosperity that beams from the countenance of the proprietor.

From here we went to the establishment of Thos. R. Fries, where stock is grown for the markets in great variety, and grown well. This place turns out more stock in a year than anything in this vicinity, as he buys considerable, puts it in the house, and makes a turn-over every month at least, sometimes oftener.

Next door is the Wheatland Greenhouses, under the management of the writer, with J. L. Lockard as the grower, and as this stock was very much deteriorated, Mr. Lockard deserves much credit for the fine condition we found it in on this visit. The output this season will be chrysanthemums, carnations and snapdragons.

President Harry Schroyer's range was the next in line, and here we found the storeman's usual assortment, with chrysanthemums in the majority, as there are many things which cannot be grown on account of the glass being continually darkened by the smoke from the railroad. Secretary Frank Kohr's establishment was close by, and here we found sweet peas, some chrysanthemums and calendulas started for the shipping trade, the balance of the

place being devoted to stock for his market requirements.

Enos Kohr was not down on the list, but received a visit all the same, and here we found over 40,000 carnation plants as good as I believe there are any equal number in the United States, for a careful inspection failed to find one plant missing or any dead leaves. They were like his chrysanthemums, clean all the way up and all the way down. Chrysanthemums were not grown extensively, but what he had, were immense flowers on 10-foot stems. If there are not a few houses added to his establishment next summer, it will not be the fault of this winter's crop.

The next place visited was that of Henry D. Rohrer, under the supervision of his two sons, Harry K. (the treasurer of the club) and Abraham K. Carnations here are all planted into solid beds, and they looked perfectly at home and healthy to a degree. Chrysanthemums are also grown in large quantities, and a good proportion of these are Bonnaffon, with a small house devoted to testing out novelties, and here are being grown a number intended for our show, which will be held under the management of Harry K. Rohrer, who, unlike most managers, is willing to assume part of the work. They also have a house of myosotis for cut flowers and primulas in pots by the thousands. There is never any idle space in this establishment, one crop following another in rapid succession.

Lemon Landis, the ex-secretary, grows a variety of stock for the stores and ships quite a lot during the year. He has roses, carnations, chrysanthemums, etc., and several houses of smilax, the only ones in this section. Everything looked good here, almost as good as the proprietor.

J. P. Seibold and Mr. Wissler were next visited and we found that Mr. Seibold has gotten out of the geranium business entirely and has his place devoted to chrysanthemums and cut flower stock and the place looks more like a money making proposition than when it was planted to geraniums for stock. It will not be long before some more geranium growers drop out, if they try to sell at the price, current the past few years. Mr. Wissler has bought the establishment of the late Geo. Goldbach and is working hard to get it into shape for the winter. He has the usual assortment of cut flowers, with several houses devoted to calla lilies, which always were a paying crop here.

Coming back to the center of the city we dispersed in various directions until the evening meeting. J. Otto Thilow, of Henry A. Dreer, Inc., Philadelphia, Pa., at the solicitation of Mrs. Albert M. Herr, gave his lecture on "Flowers from Snow to Snow" before the civic branch of the Iris Club in the afternoon. At 6:15 Harry Schroyer and wife, Albert M. Herr and wife, Harry K. Rohrer, and Ira Landis met Mr. Thilow at the Hotel Brunswick and made up a little dinner party for him. Mr. Thilow gave his lecture on "The Canadian Rockies and Their Flowers" before the florists' club at eight o'clock, and as wives and sweethearts were invited, there was quite a good delegation of the real flower lovers (the women), and the lecture was appreciated more than words could express, although an attempt was made in a formal vote of thanks to Mr. Thilow.

The business meeting proper was practically nothing and as this was the last regular meeting before the flower show, which will be held November 9-11, a special meeting will be called for the distribution of tickets to the members (all members being en-

titled to free tickets for themselves and their families if they have paid their dues for the current year), and such other matters as may come up.

We were fortunate to have with us on our visiting trip and at the club meeting S. S. Pennock of the S. S. Pennock-Meehan Co., James Brown, of Coatsville, and the omnipresent T. J. Nolan of The King Construction Co. These three are regular gloom chasers, and helped wonderfully to make us forget the clouds and rain during the trip around the city.

ALBERT M. HERR.

Toronto.

STOCK ABUNDANT IN ALL LINES.

Business is meeting with considerable reaction; where a short time ago it was almost impossible to procure stock, today there are abundant quantities in all lines. Chrysanthemums predominate, and for specimen blooms, this market was never better supplied. White and yellow Turner are of exceptional quality; pink and white Chieftain, Collier, Bessie Dale, Touset and Miss Beech are all good enough for exhibition purposes, while of the mediocre varieties there are enough to keep the cut rate and department stores supplied. Roses, which are of exceptional quality, are plentiful and good prices are being obtained. Ophelia, Hoosier Beauty, Lady Stanley, Sunburst, Richmond and the Killarneys are all being received in good shape. Cecile Brunner and George Elgar are not plentiful enough to supply the demand. Violets, which a week ago advanced \$1 per hundred, have again receded to 75 cents. Longiflorum have dropped from \$15 to \$12 per hundred. Cattleyas have advanced to \$35 per 100. Carnations are listed at \$3 to \$5, while prices on general stock remain as last listed.

A visit to the estate of Carl Grobba at Mimico was a revelation. His greenhouses are well filled with up-to-date stock. Five hundred thousand palms, ranging from seedlings to well matured stock, show the careful attention given them. Mr. Grobba is taking advantage of the duties and war tax imposed on this class of goods, and it is convincing to retailers that it is cheaper to purchase at home. Three houses of cyclamens, over 10,000 plants in sizes from 3½-inch pots to 8-inch pans, all look healthy and flourishing. Three car loads of bulbs have just been received and are being planted for the coming season's business. This work is handled very easily, as there is hardly a more up-to-date establishment on the continent. All walks are concrete, with sufficient room to enable the movement of hand trucks, and where three or four men are usually required to move the bulb boxes, they are now loaded on the truck and moved to the cold storage plant direct. The coal proposition here, as with others, is proving quite a problem; while in former years soft coal (run of mine) was sided at \$3.50 per ton, 15 cars last week cost \$6 per ton. This week the price has advanced 50 to 90 per cent. Electric light is used lavishly and late orders can easily be filled. The recreation room comprising billiard and card tables has proven a good means of keeping the men contented, while a large addition for dancing purposes is being contemplated. Perennial plants are now being grown in quantities. All are in frames with a good wide walk between. Over-head irrigation system allows the work to be carried on at all seasons. Another range of houses has been started. The material is ready to be placed in position. H. G. D.

Newport, R. I.

The garden of Henry A. C. Taylor, laid out four years ago, is now well established under the able management of William McKay, gardener. It comprises about four acres of ground, on which are located the gardener's cottage, garage, workhouse, greenhouses and numerous frames, all heated by one complete central hot water system. The garden is surrounded by a high wall, which aids in giving protection and support to trained peach, pear and plum trees. The entrance is through arches of climbing roses supported by a trellis which leads to a sunken garden, centrally located in front of the main entrance to the greenhouses, several in number. These are up-to-date in construction and are subdivided into sections, all of the available space being used in the growing of strong, healthy stocks of roses, carnations, chrysanthemums, snapdragons, lilies, bulbous stock in variety, palms, ferns, crotons and bedding plants. In the section devoted to fruits are melons growing in succession, some now ready to pick; also a section of the vineyard devoted to Gros Coleman grapes looks tempting with large luscious bunches now ripening. Two houses planted with nectarines four years ago have made remarkable growth and proven prolific. These houses run east and west and are planted with one row of trees through the center, five feet apart, and trained to a trellis running north and south that extends to the top of the houses and across the width, leaving room for passage on the sides. The varieties of other stock are as follows: Roses—Ophelia, White Killarney and Hadley. Carnations—White Wonder, Mrs. Ward and Winsor. Snapdragons—Nelrose Pink, Giant Yellow and White. Chrysanthemums—Col. Appleton, Bonaffon and Mrs. J. Mitchell. Ferns—Adiantum Farleyense, Gloriosum and nephrolepis in variety.

The villa site, which is across the street from the garden, has a handsome entrance that is distinguished by having the driveway lined on each side with stately trees that form an imposing arch. On the lower lawn and located so as to present a view from the house, is erected a marble temple imported from Italy, representing art and music. This is approached from the sides by a wide grass walk lined with tall, trimmed beech trees. The grounds are handsomely laid out and several large copper leaf beech trees add to the general effect.

J. J. B.

Rutherford, N. J.

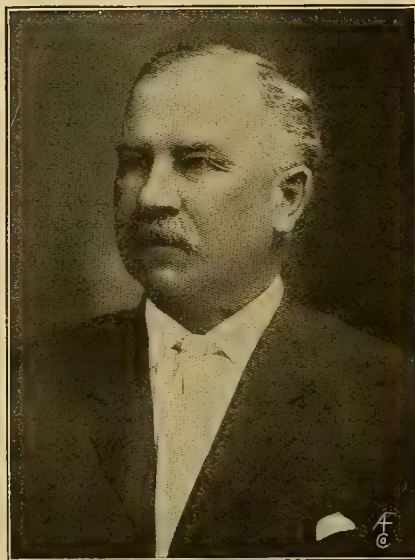
For the admirer of fine flowering and foliage plants and a great exhibit of nursery stock, a visit to New York is incomplete unless a short side trip is taken to Rutherford, N. J. We believe it was a good town away back in the days "befo' de wah," as one of our colored friends expresses it, but the two great horticultural establishments that have since grown up there, have made it a place worth looking up on the map.

Rutherford can be reached, from New York, in about 15 minutes by the steam cars, but if the visitor is willing to take a little more time he can take the Hudson tube to Hoboken; then the Passaic surface line, along the route of which there is picturesque scenery, not the least being the Hackensack river and its great expanse of meadows.

The ranges and nurseries of both Bobbink & Atkins and the Julius Roehrs Co. are just across the street,

one from the other, so it is just like killing two birds with one stone to visit Rutherford. We had to start at one or the other, and having alighted on their side we first visited the Julius Roehrs Company. It is unnecessary to here enlarge on the enterprise and ability of the late Julius Roehrs. "Peace hath its victories no less than war," also, its heroes, and he was one of them, and the business he established is a fine monument to his memory. Under the management of his sons, the business is being kept up to the high standard he established, and in the details, as might be expected, new features are being introduced.

Though possibly best known to many as growers of exotics or hot house plants, this firm has an extensive nur-



The Late Fred W. Vick.

ery well stocked with conifers and deciduous trees. Among many other features, the rhododendrons are very noteworthy. They are also extensive importers of bay trees and boxwoods. At any time in the summer and early autumn the exhibit of large bay trees on the extensive grounds in front of their range is very fine. As the cool weather comes on, it is but natural that the visitor should be more attracted by the greenhouse stock, of which there is an abundance of the finest quality. The orchid section alone is a large range and turns out annually a great quantity of bloom as well as flowering plants. Aside from the orchids, if they have a particular specialty, it is the begonia. Long known as growers of the finest Begonias de Lorraine, Turnford Hall and Glory of Cincinnati, they have in recent years taken up the new variety, Mrs. J. A. Peterson. At the present time their stock of this variety is large and remarkably fine, and even at this early date, they are filling many orders. The croton section is another noteworthy feature, a great variety of fine plants being seen. They are very strong in Adiantum Farleyense, there being several houses of it in the finest condition. Having always been successful with camellias they keep up a fine stock. Euphorbias and many other plants, that if not new are novel, are found at this range. There is a great stock of palms and ferns. Several houses are devoted exclusively to tall

palms, some of which are 20 feet high. A concrete garage 60x200 feet, for their many automobiles, is now under construction. The range is superintended by Julius Roehrs; the nursery by his brother, Rudolph. Edward Roehrs, another brother, has just recovered from a month's wrestle with typhoid fever, but as a compensating feature, Edward Roehrs, Jr., joined the family, October 16, he being Number 1. Mother and child are doing well.

In writing of Bobbink & Atkins it is as well to say at the beginning, that they are both comparatively young men who have most emphatically made good. Their reputation as nurserymen has gone far and wide. Some years ago, the writer was a resident of Washington, D. C. During that time, extensive improvements were made at the White House. To be exact, it was during President Roosevelt's administration, and he had such a large family that something had to be done to accommodate them. A low building adjoining the main one was erected for offices and as a crowning effect a large number of handsome bay trees were placed along the coping. One day an inquisitive visitor asked a colored man employed at the White House—in those days a colored man could work there—who furnished those fine trees. "Bobbink & Atkins," was the reply. "Who are Bobbink & Atkins?" was the next question. "Well, boss, I don't know much about them, but I think they must be great men to grow such trees, go up to Rutherford, New Jersey, and see them." We are unable to state whether or not that particular visitor took the advice, but it is certain that very many people have been going to "see them" and have come away with the impression that they are "great men." Great in energy; the knowledge of their business and their grasp of opportunities. It may seem to the casual reader that this is hardly the time of year to write of a nursery, but the fall is a very busy season for nurserymen, and we always find it so with Bobbink & Atkins.

A feature on approaching their place by trolley from New York, is the immense stock of evergreen trees and shrubs that are planted, with fine effect, on a gentle slope. Being also landscape gardeners, there are features in the arrangements of their nursery that are very attractive. And, in writing of landscape work, it may be stated that they not only do an immense business, but likewise grow almost every tree, shrub or herbaceous plant that is required in such work. Hardy flowering shrubs and plants are among their specialties and there is seldom a spring, summer or autumn show in New York at which they are not exhibitors. Having thus outlined their nursery business, we may refer to their activity as florists.

They have an extensive range which is filled with stock, noteworthy being a fine collection of palms. They are extensive growers of Cocos Weddelliana and have a number of houses filled with it, or more appropriate, devoted to it, for it is a good seller. Crotons, dracenas, hydrangeas, cyclamens and Pandanus Veitchii are also noteworthy features of their range. They have ferns in variety, in fact, we believe they aim to grow nearly all the greenhouse plants that the market calls for. A large number of auto trucks are used in their business and they employ many men. They have large and well furnished offices where a considerable force of both men and women are constantly employed.

A. F. F.

Buffalo, N. Y.

STOCK GOOD WITH FAIR DEMAND.

Trade in this city has been very fair, considering the excitement due to election. Stock is plentiful and of good quality. The flower in demand, of course, is the chrysanthemum and all of the best varieties are on sale with the quality that none can complain of. Pompons are plentiful and in any color or shade that may be desired. In roses American Beauty, Ophelia, Francis Scott Key, Milady, Lady Alice Stanley, Shawyer, Killarney, Ward, Sweetheart, or any other kind are to be had and of the finest. Prices range from \$1 to \$4 per dozen, except for American Beauties. Orchids, lily of the valley, gardenias, sweet peas and some exceptionally fine calendulas, all combined, well enable the most particular to get what they want, whether for corsage, basket, wedding, debutante, or any other occasion. Notwithstanding election local florists were busy. Several weddings, debutante teas and receptions have kept all busy. Funeral work, which all look forward to, has helped to use up the short stemmed stock.

NOTES.

John F. Malone, commissioner of parks and public buildings, with his great foresight, and appreciating the efforts of Superintendent Donaldson, of North park, Superintendent Elbers, of South park, and Superintendent Fitzwilliams, of Humboldt park, in the magnificent stock of chrysanthemums and other flowers grown in the park conservatories, and appreciating their beauty and the care taken in their production, conceived the idea of having an exhibition of the city's plants and flowers where everyone could enjoy them, consequently Elmwood music hall was turned over to the three superintendents to do their best and they have done so. The exhibition opened November 11 to continue one week. The attendance on Sunday was about 40,000 during the afternoon and evening. The grand organ, which was known the world over as the organ in the Temple of Music at the Pan-American exposition, and presented to the city by J. N. Adam, late mayor, and installed in Elmwood music hall, is also an added feature to the chrysanthemum show each afternoon and evening. Commissioner Malone is to be commended for his work.

It is with sorrow that we hear of the death of Fred W. Vick, of Rochester, long known as a grower of ability and one worthy of the name of Vick, so widely known in the United States. He was well known and highly esteemed by the members of the Buffalo Florists' Club, who extend their sympathy to the family.

Buffalo's "Fifth avenue" is to be a reality and Delaware avenue is the street. Florists are going to be the first to invade the territory. Two are going to locate there in the near future. The location is of the best and the success of their venture is assured.

The W. F. Kasting Co. expect formally to open their new wholesale house in the near future. They have been doing business there for a month, but not as they will when all things are installed from the telephone to the ice box.

S. A. Anderson, this year, as is the custom, had his chrysanthemum exhibit at his store beginning on Wednesday. It was crowded daily and appreciated by all.

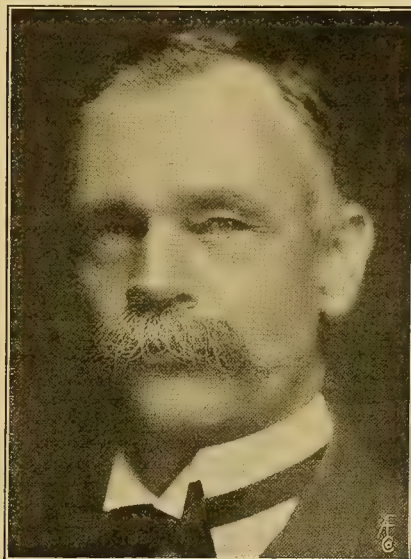
BISON.

MINNEAPOLIS, MINN.—The W. H. Boffering Co., announces its removal to Seventh street and Second avenue N.

OBITUARY.

Thomas Chaplin Joy.

Thomas Chaplin Joy, head of the Joy Floral Co., Nashville, Tenn., founded in that city 38 years ago, and which has steadily grown to its present large proportions, being recognized as one of the leading florist firms in the south, died suddenly while walking in the rose garden at his home, November 10. Death came without warning, as he appeared in the best of health and spirits and was talking to his son, Harold, at the time. Heart disease, according to physicians, caused his death. Mr. Joy was 54 years of age.



The Late Thomas C. Joy.

The deceased was born in Canada, but when 16 years of age, located in Nashville, with his parents, the father, Thomas S. Joy, who survives his son, one of the pioneer florists of the city, having purchased a tract of 90 acres, which is now improved city property. Both father and son were practical florists and from the start made rapid progress in their business, both in floriculture and gardening. Their first florist shop was directly opposite the present splendid establishment of the firm, 601 Church street.

In 1887, Thomas C. Joy was married to Miss Susie McAllister of Nashville, who survives him; also seven children, Thomas H., the progressive business manager of the Joy Floral Co.; Harold M. and Edwin Joy; and five daughters, Misses Lillian, Nellie, Marion, Ruth and Susie. Up to the time of the death of Thomas C. Joy there were four generations of Thomas Joy, the middle initial alone being the distinction.

The deceased at the time of his death was president of the Tennessee State Florists' Association, which organization owed much of its efficiency and success to his influence and was also prominently identified with other leading state and national floricultural organizations, among the latter being the American Carnation Society, of which he was a member.

Funeral services were held Sunday, November 12, from St. Ann's church of which he had been a member for a number of years, the following serving as pallbearers: Active—Frank

Ullrich, Edward Beals, Rolfe Smith, Ridley Lisch, Will Lokey, Kage Beals, James Lisch and L. O. Burroughs; honorary, all brothers-in-law of the deceased, C. B. Harrison, J. F. Horn, John Glenn, Paul Sloan, Ed. McAllister, Burge McAllister, Walter McAllister, James McAllister, Dr. J. C. Loftin, David Cordell, Andrew Marlin and Samuel Bradley.

Mr. Joy was held in high esteem by all who knew him and had a host of friends who sympathize deeply with the family in their bereavement. The florists of Nashville and the state association passed resolutions of respect to his memory and the Elks of which he was a member held services. The floral offerings were numerous and the most beautiful ever seen in the city.

Fred W. Vick.

Fred W. Vick, well known horticulturist of Rochester, N. Y., died at his home in that city November 12. Mr. Vick was born at Rochester in 1855 and received his early education in the private and public schools of the city. He began his career as florist and grower with the late James Vick, and during the last few years with this firm he was superintendent of the greenhouses. It was while with this firm he was instrumental in introducing Vick's Caprice rose. About 1892 he with his brother, E. H. Vick, and John Hill formed the Vick & Hill Co. He remained at the head of this concern until about three years ago when he disposed of his interest and took up the growing of flowers for the wholesale market. He introduced Vick's Daybreak and Purity asters as well as several other good varieties of flowers, among them Vick's ruffled petunia. He was one of the charter members of the Rochester Florist Association and its president for the first three years. He was also a member of the Society of American Florists, holding the office of vice-president in 1910 and for years president of the Fifty-fourth regiment band, the leading band of Western New York. He was also a member of Genesee lodge, F. & A. M. and Monroe Commandery Knights Templar.

The funeral services were held November 15 and were largely attended by the trade, the floral tributes from all sections of the country being numerous and beautiful.

A. B. Macpherson.

A. B. Macpherson, president of the Macpherson & Edward Company, of Springfield, Ill., prominent in general park affairs and horticulture in central Illinois, died November 11, after a short illness.

LINCOLN, ILL.—Ed. Gullett returned last week from an extensive visit in Arkansas, Texas, Oklahoma and Missouri in the interests of Gullett & Sons of which firm he is a partner.

OTTAWA, ONT.—Greenhouse stock is showing the effect of the 1916 season. Hydrangeas, solanums, carnations and begonias are making slow growth at most of the ranges. Chrysanthemums look well, indications pointing to a good crop.

DES MOINES, IA.—We find we were in error in stating that the J. S. Wilson Floral Co. had acquired the business of the Alpha Floral Co., this business having been taken over by A. J. Zwart and Jas. S. Wilson Jr., formerly vice-president of the J. S. Wilson Floral Co. The new proprietors of the Alpha Floral Co. purchased the entire business from Gus Pappas, including lease on the present location at Seventh and Walnut streets, to run 10 years from completion of the new building, soon to be erected.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

THIS ISSUE 84 PAGES WITH COVERS

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COAL shortage is bothering the big greenhouse men notwithstanding contracts, dealers claiming they are unable to secure cars.

BOXWOOD is coming along in good order. Freight guarantees when stock travels over three lines complicates the difficulty in moving this article.

AZALEAS continue to dribble in a few at a time. Over 2,000 cases lay on the border docks near Ghent for three weeks, one lone military inspector handling the plants where 20 were needed.

P. M. READ, secretary of the Pot Makers Credit Association, says all potteries of the country are well equipped and willing to do more business and that the cause of the delay in filling orders is mainly attributable to the situation with regard to labor

American Rose Society.

The executive committee of the American Rose Society held two sessions in Horticultural hall, Philadelphia, Pa., during the chrysanthemum show. President Pennock called the first meeting to order at 2:30 p. m., and there was a full attendance. Provision was made to hold the next annual exhibition and rose show in Philadelphia next March in Horticultural hall. The prizes allotted for the show included \$750 for plants and flowers; \$1,000 for rose gardens; \$2,000 for cut flowers. The schedule committee is composed of E. Allen Peirce, Waltham, Mass.; Thomas Roland, Nahant, Mass., and J. K. M. L. Farquhar, Boston, Mass. A letter was read from John Young, secretary of the National Flower Show committee, inviting the American Rose Society to join with them in an exhibition in St. Louis in 1918.

Kallen & Lunnemann, Boskoop, Holland, have sent six separate specimens of roses for test in the rose test garden, and it was directed to have these go to Hartford, Conn.

At the evening meeting which was called at 8:00 p. m., there was an attendance of over 50. E. Allen Peirce outlined the work of the show, and a letter was read from the Philadelphia chamber of commerce, inviting the American Rose Society to come to Philadelphia, the "world's greatest workshop and convention city," promising to give every co-operation for its success. The following gentlemen spoke in favor of the exhibition going to Philadelphia: Adolph Farenwald, J. G. Eisele, Robt. Simpson, Wm. Kleinheinz, P. Brown, Mark Mills, John Dodds, A. B. Cartledge, W. R. Pierson, S. S. Skidelsky, W. A. Manda and others. The guarantee fund as pledged so far is \$4,565, over 50 firms and individuals making up the amount.

BENJAMIN HAMMOND, Sec'y.

Shipping Difficulties.

The express and freight service in the vicinity of Philadelphia, Pa., is giving all plant and cut flower men great concern. Frank P. Myers, of Myers & Sampmann, Chestnut Hill, Pa., is very outspoken as to his bad treatment by the companies. The situation, he says, is becoming serious, it being simply impossible to get any correct information from the point of destination as to when flowers are delivered. Complaints of losses receive no attention whatever.

A number of the larger shippers have taken the matter up with the interstate commerce commission, and if this is done at all important points by members of the craft, it will not only be the means of securing better service, which is so essential to the cut flower trade, but will also compel the companies to have all claims adjusted in a business-like manner. One large shipper in Philadelphia took the matter up with the interstate commerce commission and was asked to make affidavits to his claims and forward them to the commission, who would see that the matter had immediate attention.

On behalf of the Adams Express Co., H. L. Kirk, general eastern claim agent, and W. E. Heatwig, local agent in this department at Philadelphia, stated that on account of a recent reorganization and enlarging of the force having this branch of the service in charge, the work had gotten considerably behind, but that they were work-

ing overtime and would soon be able to adjust all back claims and then be in a position to keep up and investigate new cases with dispatch. In every case, where, after investigation, it was found the company was at fault, the instructions of the company to its agents were to pay all reasonable claims, and Messrs. Kirk and Heatwig said they felt sure that there would be very little cause for complaint on this score in the future.

Paul Berkowitz, of H. Bayersdorfer & Co., Philadelphia, in speaking of their dealings with express companies, said they were sometimes three to four months in returning payments from C. O. D. collections, while "Uncle Sam" returned his almost by the next mail. He added that there was difficulty in shipping by freight in the various classifications necessary. Chiffons, wheat sheaves, doves, made up artificial flower wreaths, and much other first class freight is now charged three times the first class rate for carriage. If such stock is packed with other second and third class freight and marked third class, the shippers are liable to a fine and imprisonment. Many orders have to be packed in three cases and marked first, second and third class; in fact, this firm has to employ an extra traffic man in the packing department to see to the proper sorting of the goods to comply with the interstate commerce regulations.

Between these regulations, and the frequent embargoes put on from time to time, as freights become congested, being in business is—"just one fine day after another." K.

Butterfield Elected to Legislature.

S. S. Butterfield, well-known attorney of Oklahoma City, for many years a contributor to the columns of THE AMERICAN FLORIST, prominently identified with the horticultural interests of Oklahoma and secretary of the State Civic Improvement Association, was elected to the legislature at the recent election by a majority of more than 500 and will represent his district in the lower house for the next two years.

Holland Steamship Inspection.

A cable from Rotterdam, Holland, states that the Holland-American Liner New Amsterdam, which sailed from that port October 31, will not be detained at Kirkwall, Scotland, the British authorities having agreed to one inspection at Falmouth. Other Dutch steamers will also be exempted at least through the winter months when the north coast of Scotland is particularly dangerous.

Inspect Plants Shipped By Mail.

Under a law passed by Congress March 4, 1915, Florida is making arrangements for the terminal inspection of all mail shipments of plants and plant products, except vegetable and flower seeds, entering the state. California, Arizona, and Montana have already established such mail inspection services under the federal law.

British Firms in Belgium.

New York.—According to a Brussels correspondent, all businesses, the capital of which is in the hands of British subjects, or the managers of which are domiciled in Great Britain, can be forcibly liquidated. Payments to such firms are prohibited.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By experienced American Beauty rose grower. Address Key 715, care American Florist.

Situation Wanted—By expert carnation grower and propagator; long years of practice; could take charge of big place and show good results. Address Key 722, care American Florist.

Situation Wanted—Expert gardener seeks engagement on first-class estate. All references. Good wages expected in return for guaranteed results. Address Key 702, care American Florist.

Situation Wanted—By single man, age 27; 12 years' experience as gardener and florist; also decorator. Private place preferred. Best references, private and commercial. Address Key 689, care American Florist.

Situation Wanted—Young experienced salesman and designer is open for engagement in Chicago. Will consider \$18.00 per week to start. Ready to begin work immediately. Address Key 721, care American Florist.

Situation Wanted—As working foreman on big commercial place growing roses and carnations; long experience and scientific practice; can handle men; sober and industrious; good references. Address Key 705, care American Florist.

Situation Wanted—Superintendent gardener (head) seeks position: country estate; temperate; excellent greenhouse manager; landscape artist; knows live stock, engines; life experience; best references. A. PAWLITZ, 17 Vine St., Roxbury, Boston, Mass.

Situation Wanted—Designer with executive ability and experience in growing desires responsible position; experience and credentials that assure results. Ohio preferred but will consider good proposition; young married; a hustler. Address Key 710, care American Florist.

Situation Wanted—By Scandinavian, single, with over 20 years' experience in Scandinavia, England, Germany and America. Several years in charge of Greenhouses and outside. Cut flowers, forcing and propagating a specialty. Well up in care of parks. References are good. Address Key 717, care American Florist.

Situation Wanted—By Japanese graduate of horticultural school; experience in Japan and America; cut flower forcing and propagating a specialty; expert grower of carnations, Easter lilies and all kinds of spring stock; temperate. Address T. TANAKA, 2330 Calumet Ave., Chicago. Telephone Calumet 3552.

Situation Wanted—Seedsmen wants situation: expert on grass, clover and field seeds; reliable vegetable and flower seedsmen; languages German, French and English; either in office, field, warehouse or on road; practical grower, with extensive European and American field and office experience; good catalogue and advertising man. R. GERARD, Ulster Park, N. Y.

Help Wanted—First class store man state compensation and send references. Address SAMUEL MURRAY, 1017 Grand Ave., Kansas City, Mo.

Help Wanted—Salesman calling on seed stores to carry side line; fast seller; good commission; pocket samples; any states. M. BAYENDORFFER, Huguenot Park, N. Y.

Help Wanted—Several florists wanted; young men with experience; reliable; steady position. Apply to HOTEL BILTMORE, Florist Dept., Madison and Vanderbilt Aves., New York.

Help Wanted—Saleslady and designer for large town, 50 miles from Chicago. \$12.00 per week to start. Address Key 000, care American Florist.

Help Wanted—Head gardener and outside vegetable grower; long time job to right man that can show results. Address COLEMAN, THE FLORIST, Sioux Falls S. D.

Help Wanted—Two good rose growers for modern plant in Illinois; state wages, experience and enclose references in first letter. Address Key 693, care American Florist.

Help Wanted—Experienced man for roses, carnations, chrysanthemums and general stock; required on private place; state salary and experience. Address Box 424, Bettendorf, Iowa.

Help Wanted—First class salesman and storeman; one that thoroughly understands the business; good salary to the right party.

MALANDRE BROS.,
2077 Broadway, New York City.

For Sale—Chicago flower store on prominent north side street. Good opportunity for live florist. A. C. KOHLBRAND, 174 North Wabash Avenue, Chicago.

For Sale—Greenhouse and 6-room residence; big lot, no competition; all closed up; owner old lady; \$1200.00. mail payment; long time on balance. C. P. WALL, Chillicothe, Ill.

For Sale—Two greenhouses, two acres of land; five-room dwelling; bath, modern improvements; fine water supply; Washington, D. C. suburb, on car lines. Apply C. LUCKEY, 2341 5th Ave., New York.

For Sale—Established flower store in Loop. Long lease, low rent, owner cannot give attention to business. Small amount cash required. This is a gold mine for a live florist. Address Key 706, care American Florist.

For Sale—High class flower store, with small greenhouse; located near Chicago; doing wood business; reason for selling, wish to retire; \$1000 cash, balance on reasonable terms. Address Key 703, care American Florist.

For Sale—Florists' delivery wagon, in tip-top condition and newly painted, for \$150 cash. Wagon cost \$1,200 new, and is an exceptional bargain. Act quick. A. H. SCHNIEDER FLORAL CO., 1048 Lake St., Oak Park, Ill.

For Sale—Owing to the fact that my store in the Palmer House need my personal attention I will sell my new place in the Edgewater Beach Hotel, Chicago, to some responsible party at very reasonable terms. Big bargain for a live wire. Act quick. JOHN MANGEL, 17 East Monroe St., Chicago, Ill.

For Sale—Old established florist business three greenhouses attached, \$2,500; nothing for good will; stock of plants, implements, horse, wagons, fixtures and supplies will invoice the amount; near hotels and large theatres, 15 minutes from loop. GEORGE C. WAGNER, 3116 Indiana Ave., Chicago.

For Sale—A well established greenhouse plant six houses 16 x 9 feet each, with modern equipment. A good retail trade in South Norwood, a suburb near Cincinnati, O. Reason, death of my husband.

MRS. HENRY SCHWARZ, Florist
Smith and Forest Ave., So. Norwood, Ohio.

For Sale—15,000 feet of glass; three houses 28x10, one house 0x150; well stocked with carnations, chrysanthemums, roses and pot plants, in fine condition and situated in the heart of Birmingham's great industrial district. Ask for full particulars. These houses are practically new. Address F. G. KELLY, Florist, Ensley, Ala.

For Sale or Rent—Cheap: 7000 feet of glass, planted to chrysanthemums, carnations and sweet peas. Houses are new, 60 miles from Sockane, Wash. Present owner does not understand business. Doing good business. Address Key 712, care American Florist.

For Sale—Bargain: greenhouse, 4600 ft. of glass; fully stocked carnations, sweet peas, chrysanthemums and pot plants; Kresch II boiler, 6 room dwelling with bath, electric lights, city water. Located on car line in best residential section of mountain health resort (1500) population. In Eureka Springs, Ark., where thousands have been cured of kidney troubles, rheumatism, etc. Sales, \$220,000 per year. No competition within 60 miles. Great opportunity for live man. Must be sold in 30 days. Excellent reason for selling. Price, \$3200.00; \$2000.00 cash, balance on time. Liberal discount for all cash. C. I. POOR, Eureka Springs, Ark.

Help Wanted

An all-round seedsman, a man that knows the varieties—one that can sell, and a man that will make himself useful around the store. Will pay liberal salary to right man. No novice need apply.

O. P. JACKSON & COMPANY, Houston, Tex.

FOR SALE

Bargain, 1914 Buick Six, self starter, equipped with electric lights, etc. Good condition. Cost \$2,150 new.

Key 713,
care American Florist.

Florists' Auto Truck For Sale.

Fine, newly painted, 1916 model, Studebaker 34-ton panel body truck for florists' business. Equipped with electric starter and lights, heating system, sides lined shelves and front partitioned. Has been in use but six months and is in fine running condition.

Special Auto Delivery Service,
4835 Kenmore Ave., CHICAGO.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

NEW EDITION—Issued August, 1916.

TRADE DIRECTORY

Florists, Nurserymen and Seedsmen

OF THE

UNITED STATES AND CANADA.

Price \$3.00, Postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

Albany, N. Y.

INCREASED COST OF SERVICE FELT.

Some of the local florists have received from Boston wholesale houses a circular letter notifying them that owing to increases in the cost of all packing material the wholesalers ask that customers return all empty boxes to them at their expense. As a temporary arrangement the wholesalers announce also that they have decided to refuse reverse telegrams and telephone messages or return charges on C. O. D.'s after October 25. The letter is signed by N. F. McCarthy & Co., Welch's, McAlpine & McDonald, B. A. Snyder & Co., Welch Brothers Co., Patrick Welch and D. M. Robinson & Co.

One of the notable decorations executed this fall was that by Frederick A. Danker for the Laughlin-Longendyke wedding in Troy. The First Presbyterian church, in which the ceremony took place, had palms and ferns about the pulpit, and clusters of Easter lilies and Oconto chrysanthemums on the pews. The bride carried a shower bouquet of lily of the valley; the two maids of honor, bouquets of Ward roses; and the six bridesmaids, bouquets of Chrysolora chrysanthemums. At the home of the bride's parents the mantels were decorated with ferns and Tint of Gold and Chrysolora chrysanthemums. Southern smilax, autumn foliage, and groups of palms adorned the rooms. The new A. L. Randall Co. electric fountain was used with good effect.

Pittsburgh.

GOOD WEATHER IMPROVES TRADE.

We are still having very fine weather, which helps business to a certain extent. We have not had a killing frost so far and many outdoor flowers are still blooming. There is plenty of all kinds of stock on the market and most of the wholesale houses clean up every day, but not at the prices they should. The volume of business is larger, but not in figures. Roses are still plentiful, but are moving a little better than last week. Chrysanthemums and pompons are arriving in quantity and are selling at fair prices. Some very good Bonnaillon, Chadwick, Morgan and Enguehardt are seen in the wholesale houses. Carnations are more plentiful than any time before, many selling at \$15 per 1,000. American Beauties are not coming very plentiful, but enough to meet the demand. Lilies are not selling at all. Violets clean up every day. Greens are not very plentiful.

CLUB MEETING.

"The largest white chrysanthemums ever grown in Pittsburgh" was the verdict of the judges at the florists' club show of chrysanthemums on election night. This fully describes the grand display there. Among those who deserve special mention are: M. Curren for his Mrs. Wm. Jones and Pompon Excelsior; Mr. Hentz for his specimen blooms; Godwin & Son for commercial varieties, much comment being occasioned by his showing of the new yellow chrysanthemum; Mrs. M. R. Morgan; North Side parks had fair Diana and Mrs. Wright in pompons; Mr. Thompson for his specimen plants of chrysanthemums and pompons; Tom Sturgis for pompons and the Bureau of parks for Wm. Turner and Mrs. Drabble. The Sewickley flower show was talked over and owing to its great success, suggestions were made by W. A. Clark and E. J. McCallum for a large Flower Show in Pittsburgh next fall. The anniversary banquet (stag) was announced for Tuesday evening, November 21, at the Fort Pitt hotel.

NOTES.

The McCallum Co. exhibited their new chrysanthemum, Mrs. M. R. Morgan, at Philadelphia, Lancaster, Pa., and Bloomington, Ill. Their cut of blooms were in just right for the big football game November 11. They disposed of over 1,600 in one day.

J. E. Bonsall, and wife, of Salem, O., leave for the sunny south next week to spend the winter. They will return in time to plant their stock for summer flowering.

The Pittsburgh Cut Flower Co., and the McCallum Co. had fine exhibits at the Lancaster, Pa., flower show.

C. H. Puhlman of Mt. Lebanon is cutting some very fine Bonnaillon and Chadwick chrysanthemums.

A street car struck the new truck of the McCallum Co., doing very little damage.

Thos. Joyce is very happy to know the election went democratic.

Harris Bros. are using a new Cadillac car for delivery purposes. M.

Oklahoma City.

BUSINESS RETURNS TO NORMAL.

There has been so much excitement and so many celebrations over national politics during the last week that the florist business seemed to be neglected by the general public, consequently store men say that they have had rather a dull time. Things are about normal again, however, and from now on business will no doubt assume its former healthy condition.

NOTES.

Window decorations with the florists here are always of a very high grade; they are so exceptionally good this week, though, that they are worthy of passing notice. Furrow & Co. have what they call an F. T. D. window. In the foreground there is a miniature representation of a section of the Ozark trail in a prairie country, the graveled roadway bordered with prairie grass and the telegraph poles with the wires strung, all being very realistic. In the background was the dispatcher's desk, with an attending messenger boy, and numerous supposedly consignments of flowers, with the telegrams showing how and from whom the orders had been received. The window was the work of Floyd Pendergraft, one of the employees, and was a very creditable job. The Stiles Co.'s window was a representation of a lawn with flower bed and border. The lawn was realistically produced by the aid of green sheet moss, the center bed was of narcissi and hyacinths, all in full bloom; the borders were planted with red tulips, also in bloom. This display is a very timely one for the pushing of the sales of bulbs and is proving a sure and effective business getter.

On November 6, Elijah H. Furrow and Mrs. Elizabeth Furrow celebrated their fiftieth wedding anniversary at their home in Guthrie, Okla. Mr. Furrow is the senior partner of the firm of Furrow & Co. and has the distinction of being the first florist and nurseryman in this state, and of building the first greenhouse. He started here in 1891, two years after the opening. Mr. Furrow is a veteran of the civil war and many of his comrades were partakers of the entertainment at the celebration of his golden wedding.

When the state election returns came in November 8, it was found that S. S. Butterfield had been elected to the legislature by a majority of over five hundred, so he will represent his district in the lower house for the next two years. S. S. B.

Books For Florists

The following books should be in every florist's and gardener's library. Send prices quoted and we send the books.

The Goldfish.—By Hugo Mulertt. 160 pages, handsomely illustrated. Price, \$2.

Chrysanthemum Manual.—By Elmer D. Smith. Profusely illustrated. Price, 50 cents.

Landscape Gardening.—By Sam'l Maynard. 338 pages, 165 illustrations. Price, \$1.50.

Daffodils, Narcissi, How to Grow Them.—By A. M. Kirby. Illustrated. 233 pages. Price, \$1.21.

The Rose.—By H. B. Ellwanger. Its cultivation, varieties, etc. A complete guide. Price, \$1.25.

House Plants.—By Parker T. Barnes. 236 pages and 30 full-page illustrations. Price, \$1.20.

The Book of Water Gardening.—By Peter Bisset. 200 pages and 139 illustrations. Price, \$2.50.

Hedges, Windbreaks, Etc.—By E. P. Powell. 140 pages, with 22 illustrations. Price, 50 cents.

Orchids: Their Culture and Management.—By W. Watson. Eight colored plates. 544 pages. Price, \$10.

Greenhouse Construction.—By L. R. Taft. How to build and heat a greenhouse. Illustrated. Price, \$1.50.

Insects Injurious to Vegetables.—By F. H. Chittenden. 163 illustrations in the 262 pages. Price, \$1.50.

Greenhouse Management.—By Prof. L. R. Taft. Covers the subject completely. 382 pages. Price, \$1.50.

The Landscape Beautiful.—By Frank A. Waugh. An interesting book. 336 pages. Illustrated. Price, \$2.

Mushrooms: How to Grow Them.—By Wm. Falconer. Only American book on the subject. Illustrated. Price, \$1.

Manual of the Trees of North America.—By Prof. C. S. Sargent. 826 pages, with over 600 illustrations. Price, \$6.

The Principles of Fruit Growing.—By L. H. Bailey. Fruit culture is treated thoroughly. 616 pages. Price, \$1.25.

Lawns and How to Make Them.—By Leonard Barron. A very useful and practical work. Illustrated. Price, \$1.10.

The Vegetable Garden.—By Vilmoren-Andrieux & Co. Most complete book published. Profusely illustrated. 782 pages. Price, \$6.

The American Flower Garden.—By Neltje Blanchan. Well bound. 368 pages and 92 illustrations. Price, \$5.35.

How to Lay Out Suburban Homes.—By Herbert J. Kellaway. Contains many useful hints. 112 pages, 38 halftone illustrations and 15 plans and maps. Price, \$2.

Vines and How to Grow Them.—By Wm. M. McCullom. A list of varieties for different locations is contained in this book of 300 pages. Illustrated. Price, \$1.10.

Practical Floriculture.—By Peter Henderson. A guide to the successful propagation and cultivation of florists' plants. Illustrated. 325 pages. Price, \$1.50.

Success in Market Gardening.—By Herbert Rawson. No one in the business for profit can be without this latest edition. 271 pages and 22 illustrations. Price, \$1.10.

The Orchard and Fruit Garden.—By E. P. Powell. The volume is well illustrated and the author is a practical man who knows his subject. 321 pages. Price, \$1.50.

Cabbages, Cauliflower, Allied Vegetables.—By C. L. Allen. Also contains chapters on seed raising, insects, pests and fungus diseases common to these plants. Price, 50c.

The Garden Month by Month.—By Mabel Cabot Sedgwick. A well classified list of hardy herbaceous and other plants arranged for each month. Illustrated. Price, \$4.30.

American Florist Co.

440 S. Dearborn St.,

Chicago.

The Florists' Supply House of America

If you are looking for the best in Florists' Supplies

Get Our Latest Folder IT'S WORTH HAVING

Over Two Million Yards of Chiffon just received; all colors, all sizes. Our Folder gives the price. Send for it.

H. BAYERSDORFER & CO.,
1129-1131 ARCH STREET, PHILADELPHIA, PA.

CYCLAMEN

Begonia Cinninati

Large plants, 7-inch.....75c Large plants, 6-inch.....60c
" " 5-inch.....50c " " 4 inch.....35c

Begonia Lorraine

Large plants, 5-inch.....50c Large plants, 4-inch.....35c

Christmas Peppers

Three varieties: bushy plants, full of fruit.

7-inch, 3 in a pot.....35c
5-inch, strong plants.....15c
4-inch, strong plants.....12c

Extra fine, Wandsbek type, 7-inch60c to 75c
" " " " 6-inch50c
" " " " 5-inch40c
" " " " 4-inch35c

Jerusalem Cherries

Strong bushy plants, full of cherries.
4, 5 and 6-inch.....12 to 20c each

Primulas

Malacoides, very fine plants, in bloom, 4-inch.....10c
Chinensis, very fine plants, in bloom, 4-inch.....10c
Obconica, very fine plants, in bloom, 4-inch.....10c

Geraniums

2½-inch stock, best varieties.....\$20.00 per 1000

PYFER & OLSEM,

Wilmette, Ill.

Los Angeles.

MARKET INCLINED TO BE SLOW.

Trade conditions have been somewhat quiet, due to the election. There is a scarcity of chrysanthemums, according to the reports of some dealers, but there seems to be a plentiful supply of orchids, forget-me-nots and numerous other items that help to fill in. Dahlias are diminished in supply. Roses continue to show improvement and cyclamens and ferns are coming in and will no doubt begin to move soon.

NOTES.

The flower and house beautiful show closed November 6 and proved to be a success in every way. The attendance was said to be about 40,000. The last day of the exhibition was designated as "florists' day." Among the principal exhibitors were the following: Germain Seed & Plant Co., shrubbery and plants; Theo. Payne, plants; Wolfskill Bros. & Morris Goldenson, reproduction of "Old Glory," red and white carnations with stars on a blue field of bachelor buttons; Wright's Flower Shop, basket of My Maryland, Mrs. Aaron Ward and Liberty roses; Howard & Smith, basket of chrysanthemums; Broadway Florists, basket of chrysanthemums arranged with Oregon crepe and huckleberry leaves.

A. F. Borden, of the Redondo Floral

LATE SHIPMENT of DUTCH BULBS

The Choicest Stock, Specially Selected.

HYACINTHS, TULIPS, NARCISSI, ETC.

THE W. W. BARNARD CO., Seedsmen
231-235 W. Madison Street, CHICAGO

Co., will soon be classed among the heavyweights. He has gained 22 pounds since his return from the east, and since election went his way, there is no way of estimating what the scales will say at the end. A. Knopf is back on the job again after a few days' illness. This old-established firm is handling a fine line of violets this season. They report a lively week in funeral work.

Howard & Smith have had a brisk call for designs for weddings and funerals. Fred Howard has returned from the east and reports a successful trip. W. L. Grover, manager of the

floral department, is also back from the Atlantic coast cities, where he purchased Christmas supplies for this firm.

At Wright's Flower Shop, they are well pleased with the outlook for November. The bulk of the lily of the valley is seen here.

Decorations for coming out parties and other social functions have kept the J. W. Wolter's staff very busy of late.

J. A. Norris & Son are doing a nice business in cut flowers and report good demand for funeral work.

G. H. H.

HEAVY SUPPLY

'Mums for Thanksgiving

Large--Medium--Small

Heavy Supply of local Chrysanthemums, grown late especially for Thanksgiving. Plenty for everyone in all the best commercial varieties, so insure your supply by ordering from us.

POMPONS

Large Quantity in All Colors of
Unsurpassed Quality.

VIOLETS

The cream of the New York
Double Violets.

ROSES

Russell, Milady, Sunburst, Brilliant,
Ward. Everyone knows that we are
the leaders in both quantity and quality.

CARNATIONS

Our growers will be in good crop
for Thanksgiving; so place your orders
with us and have them filled properly.

✎ Write for Special Thanksgiving Price List—Ready Now. ✎

E. C. AMLING CO.

The Largest, Best Equipped, Most Centrally
Located Wholesale Cut Flower House in Chicago.

174-6 North Wabash Ave.,

L. D. Phones
Central 1977-1978

CHICAGO

For Thanksgiving and the Holiday Trade

WE OFFER THE FOLLOWING:

Begonia Glory of Cincinnati and Begonia Melior

3-inch, in bud and bloom.....\$ 25.00 per 100
4-inch, in bud and bloom.....\$40.00 and 50.00 per 100
5-inch, in bud and bloom..... 75.00 and 100.00 per 100
6-inch, in bud and bloom.....\$1.00, \$1.50 and \$2.00 each

New Begonia Mrs. J. A. Peterson

Strong 3-inch, in bud and bloom.....\$ 30.00 per 100
Strong 4-inch, in bud and bloom..... 50.00 per 100
Strong 5-inch, in bud and bloom.....\$75.00 and 100.00 per 100
Strong 6-inch, very large plants.....\$1.50 and \$2.00 each

A limited number of extra large specimens of above-named Begonias, at \$3.00, \$5.00 and \$10.00 each.

We have an exceptionally fine stock of
Begonias this season.

Cyclamen Giganteum

We offer choice plants as follows:

Strong 5-inch, full of buds and bloom.....\$50.00 per 100
Heavy 5-inch, full of buds and bloom..... 75.00 per 100
Heavy 6-inch, full of buds and bloom,
.....\$12.00 to \$18.00 per dozen
Extra strong specimen plants, 8-inch pots,
.....\$30.00 to \$36.00 per dozen

During the past six or seven years we have been selecting the very best plants for seed, for the improvement of the Cyclamen. They are finer plants and better blooms than we have ever had or have seen anywhere else. We know that they will please you.

Asplenium Nidus Avis (Bird's Nest Fern)

Choice plants.....\$1.00, \$1.50, \$2.50 and \$3.00 each

Adiantum Farleyense

Nicely furnished plants, 4-inch pots only.....\$50.00 per 100

J. A. PETERSON & SONS

3132 McHenry Ave., Westwood,

CINCINNATI, O.

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue

L. D. Phone Randolph 631

CHICAGO

Enormous Supply of Cut Flowers for Thanksgiving

Seventy-five Expert Growers Producing Everything Sold in the Chicago Wholesale Market
Consign Their Stock Here Which Enables Us To Fill All Orders In Full At All Times.

Beaulies

Russell

Milady

Killarney

Killarney Brilliant

White Killarney

Hoosier Beauty

Ophelia

Ward

Sunburst

Tipperary

Cecile Brunner

Baby Doll

Fireflame

Elgar

Orchids

Lilies

Carnations

Thanksgiving Price List

ORCHIDS		Per doz.
Cattleyas	AMERICAN BEAUTY	\$7.50 to \$9.00
Extra long stems		\$5.00
Stems 30 to 36 inches		4.00
Stems 24 inches		3.00
Stems 18 inches		2.00
Stems 12 inches		1.50
Short Stems		100, \$6.00 to \$8.00
ROSES		Per 100
Mrs. Russell, special		\$20.00 to \$25.00
" " select		12.00 to 15.00
" " medium		8.00 to 10.00
" " short		5.00 to 6.00
Milady, special		10.00 to 12.00
" " select		6.00 to 8.00
" " short		3.00 to 4.00
Killarney Brilliant, special		10.00 to 12.00
" " select		6.00 to 8.00
" " short		3.00 to 4.00
Hoosier Beauty, extra special		15.00
" " special		10.00 to 12.00
" " select		6.00 to 8.00
" " short		3.00 to 4.00
Ophelia, special		10.00
" " select		6.00 to 8.00
" " short		3.00
White Killarney, special		8.00 to 10.00
" " select		4.00 to 6.00
" " short		3.00
Killarney, special		8.00 to 10.00
" " select		4.00 to 6.00
" " short		3.00
Mrs. Ward, special		8.00
" " select		4.00 to 6.00
" " short		3.00
Sunburst, special		8.00 to 10.00
" " select		4.00 to 6.00
" " short		3.00
Tipperary, special		12.00
" " select		8.00 to 10.00
" " short		4.00 to 6.00
Cecile Brunner		2.00 to 3.00
Elgar		1.00 to 2.00
Baby Doll		2.00 to 3.00
Fireflame		\$3.00, 4.00 and 6.00
Extra special roses billed according to		
Roses, our selection		4.00
CARNATIONS		
Good common		\$ 2.00 to \$ 3.00
Large and fancy		4.00
CHRYSANTHEMUMS		Per doz.
Small		\$ 1.00 to \$ 1.50
Medium		2.00 to 2.50
Fancy white or yellow		3.00 to 4.00
Pompons		.25 to .50
MISCELLANEOUS		Per 100
Violets		\$ 0.50 to \$ 1.00
Valley		6.00
Easter Lilies		12.50 to 15.00
Stevia		1.50
Snapdragon, per doz., 50c to \$1.00		
Calendulas		2.00 to 4.00
Paper Whites		3.00
Daisies		1.00 to 2.00
DECORATIVE		
Plumous		per bunch, \$0.35 to \$0.50
Sprengeri		.25 to .50
Adiantum, fancy long		per 100, 1.00
Smilax		per doz., \$2.00 to \$2.50
Ferns		per 1,000, 2.00
Galax		1.50
Mexican Ivy		5.00
Boxwood, per lb., 25c; case, \$7.50		
Red Winter Berries, extra large box, \$3.00.		
Subject to market changes.		

Chrysanthemums

Pompons

Violets

Daisies

Calendulas

Strawflowers

Paper Whites

Plumous

Sprengeri

Ferns

Stevia

Valley

Smilax

Galax

Boxwood

Mexican Ivy

Red Winter Berries

Select What You Need From This List and Send Your Order To Us As Early As Possible.

We handle nothing but strictly fresh home-grown stock and will be pleased to hear favorably from you in regard to your Thanksgiving and future supply. YOU CAN'T DO BETTER ELSEWHERE.

Mammoth Supply

MUMS -- POMPONS

ROSES-CARNATIONS-ORCHIDS-GARDENIAS

Everything Else Seasonable in Cut Flowers—Complete Line of Greens

Place your Thanksgiving orders with us and you will get the best stock obtainable at most reasonable prices.

THANKSGIVING PRICE LIST

AMERICAN BEAUTY	Per doz.
Extra long stems.....	\$5.00
Stems 30 to 36 inches.....	4.00
Stems 24 inches.....	3.00
Stems 18 inches.....	2.00
Stems 12 inches.....	1.50
Short Stems.....	100, \$6.00 to \$8.00

ROSES	Per 100
Mrs. Russell, special.....	\$20.00 to \$25.00
“ “ select.....	12.00 to 15.00
“ “ medium.....	8.00 to 10.00
“ “ short.....	5.00 to 6.00
Richmond, special.....	8.00 to 10.00
“ “ select.....	5.00 to 6.00
“ “ short.....	3.00 to 4.00
Killarney Brilliant, special.....	10.00 to 12.00
“ “ select.....	6.00 to 8.00
“ “ short.....	3.00 to 4.00
Hoosier Beauty, extra special.....	15.00
“ “ special.....	10.00 to 12.00
“ “ select.....	6.00 to 8.00
“ “ short.....	4.00
Ophelia, special.....	10.00
“ “ select.....	6.00 to 8.00
“ “ short.....	3.00

ROSES—Continued.	per 100
White Killarney, special.....	8.00
“ “ select.....	4.00 to 6.00
“ “ short.....	3.00
Killarney, special.....	8.00
“ “ select.....	4.00 to 6.00
“ “ short.....	3.00
Mrs. Ward, special.....	8.00
“ “ select.....	4.00 to 6.00
“ “ short.....	3.00
Sunburst, special.....	8.00 to 10.00
“ “ select.....	4.00 to 6.00
“ “ short.....	3.00
Cecile Brunner.....	2.00 to 3.00
Elgar.....	2.00 to 3.00
Baby Doll.....	2.00 to 3.00
Extra special roses billed accordingly.	
Roses our selection.....	4.00

CARNATIONS	
Split and common.....	\$2.00
Fancy.....	3.00
Extra select.....	4.00

ORCHIDS	Per doz.
Cattleyas.....	\$6.00 to \$9.00

CHRYSANTHEMUMS	Per doz.
Small.....	\$ 1.00
Medium.....	2.00
Fancy.....	\$ 2.50 to 3.00
Pompoms.....	per bunch .25 to .50

MISCELLANEOUS	Per 100
Violets.....	\$ 0.75 to \$ 1.00
Valley.....	6.00
Easter Lilies.....	12.50 to 15.00
Stevia.....	1.50
Calendulas.....	2.00 to 5.00
Paper Whites.....	3.00
Daisies.....	1.50 to 2.00

DECORATIVE	
Plumosus.....per bunch,	\$0.35 to \$0.50
Sprengeri.....	.25 to .50
Adiantum, fancy long.....per 100,	.75 to 1.00
Smilax.....per doz.,	\$2.00
Ferns.....per 1,000,	2.00
Galax.....	1.50
Mexican Ivy.....	5.00
Boxwood, per lb., 25c; case,	\$7.50
Red Winter Berries, per box,	\$2.00
Magnolia leaves, brown.....	1.25
Green.....	1.35
Leucothoe Sprays.....per 100,	\$0.75
Wild Smilax.....per case,	6.00
Subject to market changes.	

JOHN KRUCHTEN CO.

WHOLESALE FLORISTS

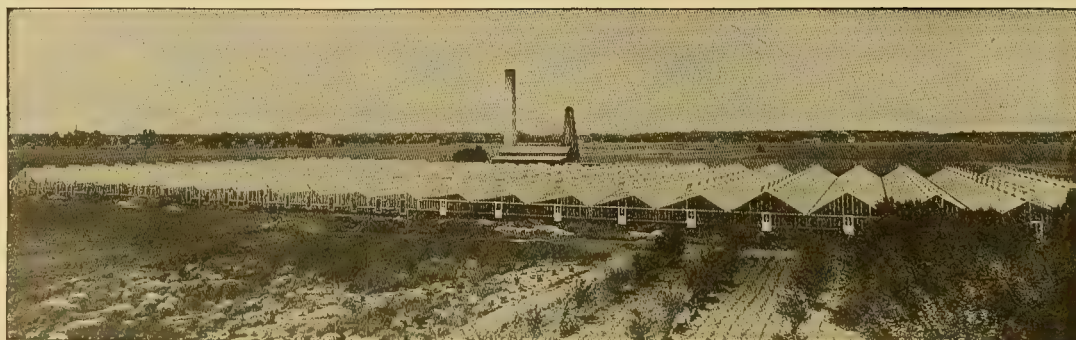
162 N. Wabash Ave.,

L. D. PHONE, CENTRAL 6269

CHICAGO, ILL.

ROSES

Big Crop of Fine Ophelia, Killarney, White Killarney and Richmond for Thanksgiving



Also Everything Else You Need in Cut Flowers and Greens; so place your orders with us.

HOERBER BROS.

Wholesale Growers of Cut Flowers,
162 N. Wabash Avenue,Long Distance Phones:
Randolph 2758; Automatic 41-770.

CHICAGO

BANNER
SUPPLY!BANNER
SUPPLY!

'MUMS AND POMPONS

Record Crops of Chrysanthemums and Pompoms in all the leading seasonable varieties and all colors, particularly White, Pink and Yellow.

BEAUTIES-ORCHIDS

Largest and Finest Supply in the Chicago Market. You will make no mistake if you place your orders for these two items with us.

**ROSES-VIOLETS-SWEET PEAS
CARNATIONS-DAISIES-LILIES
VALLEY-STEVEA-GREENS-ETC.**

Our Thanksgiving Supply This Year Will Be the Largest, Finest and Most Complete Ever. Remember, You Will Make No Mistake If You Place Your Thanksgiving Orders With Us.

THANKSGIVING PRICE LIST—In Effect November 26.

AMERICAN BEAUTY Per doz.	
Extra long stems	\$5.00
Stems 30 to 36 inches	4.00
Stems 24 inches	3.00
Stems 18 inches	2.00
Stems 12 inches	1.50
Short Stems	1.00, \$6.00 to \$8.00

MRS. CHAS. RUSSELL Per 100	
Special	\$20.00 to \$25.00
Select	12.00 to 15.00
Medium	8.00 to 10.00
Short	5.00 to 6.00

ROSES	
Richmond, special	10.00 to 12.00
“ select	6.00 to 8.00
“ short	3.00 to 4.00
Milady, special	10.00 to 12.00
“ select	6.00 to 8.00
“ short	3.00 to 4.00
Killarney Brilliant, special	10.00 to 12.00
“ select	6.00 to 8.00
“ short	3.00 to 4.00
Hoosier Beauty, extra special	15.00
“ special	10.00 to 12.00
“ select	6.00 to 8.00
“ short	3.00 to 4.00

ROSES—Continued. Per 100	
Ophelia, special	\$10.00
“ select	6.00 to 8.00
“ short	3.00
White Killarney, special	8.00 to 10.00
“ select	4.00 to 6.00
“ short	3.00
Killarney, special	8.00 to 10.00
“ select	4.00 to 6.00
“ short	3.00
Mrs. Ward, special	8.00
“ select	4.00 to 6.00
“ short	3.00
Sunburst, special	8.00 to 10.00
“ select	4.00 to 6.00
“ short	3.00
Cecile Brunner	2.00 to 3.00
ROSES, OUR SELECTION	4.00
Extra special roses billed accordingly.	

CARNATIONS	
Good Common	\$ 2.00 to \$ 3.00
Large and fancy	4.00
CHRYSANTHEMUMS Per doz.	
Small	\$ 1.00 to \$ 1.50
Medium	2.00 to 2.50
Fancy	3.00 to 4.00
Pompoms	per bunch, 25c to 50c

MISCELLANEOUS Per 100	
Violets	\$ 0.75 to \$ 1.00
Valley	6.00
Easter Lilies	12.50 to 15.00
Stevia	1.50
Strawflowers	per bunch .25 to .35
Calendulas	2.00 to 4.00
Paper Whites	1.50 to 2.00
Daisies	1.50 to 2.00

ORCHIDS Per doz.	
Cattleyas	\$7.50 to \$9.00
Vandas, fine large sprays, 25c per flower.	
Dendrobiums and Oncidium at Market	

GREENS	
Asp. plumosus, per string...	\$0.50
Asp. plumosus sprays, bunch.	\$0.35 to .50
Sprenger .....	.35 to .50
Adiantum	per bunch 1.00
Smilax, choice	per doz. 1.50 to 2.00
Fancy ferns	per 1,000 2.00 to 2.50
Galax leaves	per 1,000 1.25
Wild Smilax	per case 5.00
Boxwood	
per lb., 25c; 50 lb. case..	
Red Winter Berries	7.50
....\$2.00 to \$3.00 per case	

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave, Chicago

Every size of every variety offered below is today of more than usually good value at prices quoted.
We therefore advise our friends to

Rush Orders for Craig Quality

Our stock of Craig Specialties is larger and of even higher quality than any ever before offered by us. We desire to call particular attention to our Crotons, 300 varieties; Dracaenas, Cyclamens, Ferns, Areca Lutescens, Ficus in variety and Begonia Cinnamomi and Lorraine. A cordial invitation to all the trade to visit our Philadelphia and Norwood plants.

CROTONS

We have the largest and most complete collection of Crotons in the world, carrying at the present time for Fall sales over 50,000 plants in 200 varieties, all of the very highest quality, and brilliantly colored.

2½-inch, strong plants, \$20 100; \$175 1000.
4-inch, strong plants, \$30 100; \$275 1000.
4-inch, extra heavy, \$35 per 100.
5-inch, strong plants, \$50, \$75 and \$100 100.
6-inch, strong plants, \$12, \$15, \$18 and \$24 doz.
7-inch, strong plants, \$24, \$30 and \$36 doz.
8-inch, made up, beautiful plants, \$24, \$30 and \$36 doz.
10-inch, made up, beautiful plants, \$5, \$6 and \$7.50 each.

CROTON NORWOOD BEAUTY

4-inch, heavy\$40.00 100
5-inch, heavy\$9.00 and \$12.00 doz.
6-inch, heavy\$18.00 doz.
7-inch, heavy\$2.50 and \$3.00 each

CROTON CHANTIERI MAJOR

One of the best of the French introductions. Very large leaf brilliantly colored red and yellow.

4-inch\$40.00 per 100
5 and 5½-in. 75c, \$1.00, \$1.25 and \$1.50 each
7-inch\$2.00, \$2.50 and \$3.00 each

CROTON PUNCTATA

2½-inch pots\$ 8.00 100; \$ 75.00 1000
3-inch pots 20.00 100; 150.00 1000
4-inch pots 25.00 100; 225.00 1000

CROTONS (Narrow Leaf Type)

Delicatissima, Golden Thread, Florence
2½-inch, heavy\$25.00 100
4-inch, heavy\$50.00 100
5-inch, heavy75c and \$1.00 each
6-inch, heavy\$15.00 and \$18.00 doz.

CROTON RIIDI

One of the most beautiful and always a satisfactory variety—wonderful keeper.
5-inch, heavy\$15.00 doz.
6-inch, heavy\$18.00 and \$24.00 doz.
7-inch, heavy36.00 doz.

NEW NEPHROLEPIS FERN

JOHN WANAMAKER

A "sport" from Nephrolepis Scholzei, with longer, narrower, gracefully drooping fronds. It is not so compact in growth as Scholzei, and therefore does not decay in the center, and is a durable house fern. It is a rapid grower, making an abundance of fronds, and is quite distinct from any other Nephrolepis.

The following ready for immediate delivery: 4-inch pots, \$25.00 per 100; 6-inch pots, 50c and 75c each; 8-inch pots, \$1.00 each; specimens in tubs, \$2.50 and \$3.50 each.

NEW SPECIAL CROTON COMBINATION

for this Fall trade, in white cedar box, 12 inches square, 6 inches deep, covered with birch bark, and trimmed in brown; the crotons are of very high color, artistically arranged and are well established. We are sure these will prove to be excellent sellers. \$7.50 and \$10.00 each.

CROTON

LEAVES AND SPRAYS

Cut Croton Leaves and Sprays have been supplied by us in the past few years to some of the leading retail florists, who have featured them in mantel, table and funeral work. They are also specially attractive to use with Chrysanthemums.

Cut Crotons will last in a cool place from three to four weeks. We can supply them every day in the year. Very highly colored sprays at 25c, 35c and 50c; cut leaves, \$3.00 and \$5.00 per 100.

CYCLAMEN

In all the popular colors, splendidly budded plants. Engage them now for holiday delivery. Costs no more. Orders are set aside as they come in.

5-inch\$50.00 100; \$450.00 1000
6-inch\$75 and \$100.00 100
7-inch\$150.00 100

A full line of flowering Begonias in 3, 4, 6 and 8 inch pots in splendid condition.

WRITE FOR OUR ILLUSTRATED CATALOGUE. IT IS A FULL LIST OF HOLIDAY PLANTS.

Robert Craig Co., Market and 49th St., Philadelphia, Pa.

Announcement

I BEG to inform my customers and friends that I have sold my interests in the firm of which I was a partner and have started in business for myself. With the present connections that I have made in America, Japan and European countries, I am in a position to take care of all business entrusted to me and guarantee to furnish you with the best of service. I will personally cover the same territory that I have in the past, and cordially invite everybody to favor me with a share of their patronage.



Let me figure on your requirements, and until further notice address all communications to

G. M. REBURN

Wholesale Bulbs, Plants and Supplies,

160 North Wabash Ave., CHICAGO, ILL.



The Stock In Our Greenhouses Is As Usual In Excellent Condition Again This Season.

HEAVY SUPPLY ROSES FOR THANKSGIVING

SUPREME QUALITY

Beauties, Richmond, Milady, Ophelia, My Maryland, Killarney
White Killarney, Brilliant, Sunburst and Mrs. Chas. Russell

CARNATIONS

Heavy supply of choice stock in all the best new and standard varieties.
Our Quality Carnations are recognized as the best in the Chicago market.

'MUMS - POMPONS

Largest quantity of both that we have ever had for Thanksgiving.
Place your order with us and obtain the best for the least money.

Fancy Sweet Peas, Lilies, Lily of the Valley and Complete Line of Greens.

Buy Direct From The Grower

THANKSGIVING PRICE LIST

Subject to Change Without Notice.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems.....	\$5.00
48-inch stems.....	4.00
36-inch stems.....	3.00
30-inch stems.....	2.50
24-inch stems.....	2.00
20-inch stems.....	1.50
15-inch stems.....	1.00
Short.....	\$6.00 to \$8.00 per 100....

	Per 100
Richmond.....	
Killarney.....	
White Killarney.....	Extra select.....\$10.00
My Maryland.....	Select.....8.00
Sunburst.....	Medium.....\$5.00 to 6.00
Ophelia.....	Short.....4.00
Milady.....	
Brilliant.....	

MRS. CHAS. RUSSELL—

	Per doz.
Specials.....	\$2.50
Select.....	\$1.50 to 2.00
Short.....	.75 to 1.00

	Per 100
ROSES, our selection.....	\$ 3.00
Carnations.....	\$ 3.00 to \$ 4.00
Chrysanthemums.....per doz.,	\$2.00 to \$3.00
Pompoms.....per bunch,	.35 to .50
Sweet Peas.....	.75 to 1.50
Harrisii.....	12.50 to 15.00
Valley.....	6.00
Adiantum.....	1.00
Asparagus.....per bunch,	.50 to .75
Ferns.....per 1,000.....	2.50
Galax, bronze and green, per 1,000,	\$1.25
Boxwood.....25c per bunch; \$7.50 per case	

2,000,000 Feet of Modern Glass

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St.,

Long Distance / Central 2846,
Phones: " 601.

CHICAGO

PLANTS YOU NEED NOW.

Make up your order from this list and mail it to us as early as possible, so as to avoid freezing while in transit before the extreme cold weather sets in



PRIMULA OBCONICA.

Assorted rich colors, 4-inch at \$1.50 per doz.; \$12.00 per 100; \$100.00 per 1000.
Fine 5-inch, \$3.00 per dozen.

POINSETTIAS.

For Christmas Flowering.
5-inch at 25c. 8-inch at 60c.
6-inch at 35c. 9-inch at 75c.
Made up 7-inch pans at 75c.
Made up 8-inch pans at \$1.00 and \$1.25.
Made up 9-inch pans at \$1.50 and \$2.00.
Made up 10-inch pans at \$2.00 and \$2.50.

BOSTON FERNS.

5-inch at \$2.40 and \$3.00 per doz.
6-inch at \$4.20 and \$6.00 per doz.
7-inch at \$6.00 per doz.
8-inch at \$12.00 per doz.
9-inch at \$15.00 per doz.
10-inch at \$18.00 per doz.
Aspidium cyrtomium and pteris, assorted,
3-in. at \$6.00 per 100; 4-in. at \$9.00 per 100.

ASPIDISTRA ELATOR.

Tall, fine plants, green-leaved, at 10c per leaf; variegated at 15c per leaf. The plants are in 5 and 6-inch pots and have from 8 to 12 leaves each.

ASPARAGUS PLUMOSUS.

2-inch at \$3.00 per 100.
3-inch at \$6.00 per 100.

ASPARAGUS SPRENGERI.

3-inch at \$5.00 per 100.

ASSORTED FERNS.

2½-inch, \$3.00 per 100.

PALMS.

Cocos Weddelliana, 2-inch at \$1.75 per doz.; \$14.00 per 100. 3-in. at \$2.50 per doz.

COLEUS.

Brilliant, 2-inch at \$3.00 per 100.
Trailing Queen at \$2.50 per 100.

CHRISTMAS PEPPERS.

5-inch at \$2.50 per doz.

CROTONS.

4-in., assorted, bright colors, at \$3.60 per doz.
5-in., assorted, bright colors, at \$6.00 per doz.

MISCELLANEOUS.

Ficus Nitida, 4-in., per 100.....\$3.00
Kentia Belmoreana, 5-in., per doz..... 9.00
English Ivy, 4-in., per doz..... 1.50
Aspidium Tsussimense, 3½-in., per doz. 1.00

JERUSALEM CHERRIES.

4-in., stocky, at \$1.00 per doz.; \$8.00 per 100.

DRACAENA FRAGRANS.

4-inch, bushy stock, at \$3.00 per doz.

The George Wittbold Co.

737 Buckingham Place,

LONG DISTANCE PHONE:
GRACELAND 1112

CHICAGO, ILL.

Mention the American Florist when writing.

A CORDIAL INVITATION

is extended to all local and visiting florists and their friends to call and see our stock of plants for the holidays and all other occasions

Decorative and Blooming Plants

Blooming Plants for Christmas and Easter a Specialty

Take Garfield Park Branch of the Metropolitan Elevated to Cicero Ave., walk four blocks north and one block west, or take Madison St. car to Cicero Ave., walk two blocks south and one block west.

FRANK OECHSLIN,
4911 West Quincy Street, CHICAGO, ILL.

Mention the American Florist when writing.

Nassau County Horticultural Society.

The monthly meeting of the Nassau County Horticultural Society was held in Glen Cove, November 9, President James McDonald in the chair. The feature of the evening was the competition by assistant gardeners for the best table decoration. James Holloway, Samuel Trepas and Daniel Coughlin were appointed judges and

they awarded first prize to James Waite, second to George Ford and third to Arnold Gattiker. Chrysanthemums comprised the other exhibits, and for these classes John Johnstone, Joseph Adler and Frank Watson officiated as judges. They awarded to James McCarthy first honors for three white chrysanthemums and first for three yellow, and to John Dombrowski a certificate of culture for a vase of

Chrysanthemum Emma, and honorable mention for a vase of a seedling anemone with the recommendation that it be shown again.

After the meeting a most enjoyable smoker was held. Next month's meeting will be the annual one, at which the election of officers for the ensuing year will take place, and a full attendance of all the members is requested.

JAMES MCCARTHY, Cor. Sec'y.

JOSEPH HEACOCK COMPANY'S PALMS AND FERNS



KENTIA BELMOREANA.

	Leaves	In. high	Each	Per doz.
2½-in. pot	.....4	.....8-10		\$ 1.50
3-in. pot	.....5	.....12		2.50
4-in. pot	.....5-6	.....15	\$.45	5.00
5-in. pot	.....6-7	.....18-20	.75	9.00
6-in. pot	.....6-7	.....22-24	1.00	12.00
6-in. pot	.....6-7	.....26-28	1.50	18.00
6-in. pot	.....6-7	.....30	2.00	24.00
7-in. cedar tub	.....6-7	.....34-36	3.00	36.00
7-in. cedar tub	.....6-7	.....38-40	4.00	48.00
9-in. cedar tub	.....6-7	.....40-42	5.00	60.00
9-in. cedar tub	.....6-7	.....42-48	6.00	

KENTIA FORSTERIANA.

	Leaves	In. high	Each	Per doz.
6-in. pot	.....5-6	.....24	1.00	12.00
6-in. pot	.....5-6	.....30-32	1.50	18.00

KENTIA FORSTERIANA, Made-Up.

	In. high	Each
7-in. cedar tub, 4 plants in tub	.....30-36	\$ 3.00
7-in. cedar tub, 4 plants in tub	.....38-40	4.00
9-in. cedar tub, 4 plants in tub	.....40-42	5.00
9-in. cedar tub, 4 plants in tub	.....42-48	6.00
	Ft. high	
9-in. cedar tub, 4 plants in tub	.....4-4½	7.50
12-in. cedar tub, 4 plants in tub	.....5	10.00
12-in. cedar tub, 4 plants in tub	.....6-7	18.00
12-in. cedar tub, 5 plants in tub	.....7-8	22.00

HOME GROWN

WELL ESTABLISHED

STRONG AND HEALTHY

CIBOTIUM SCHEIDEL.

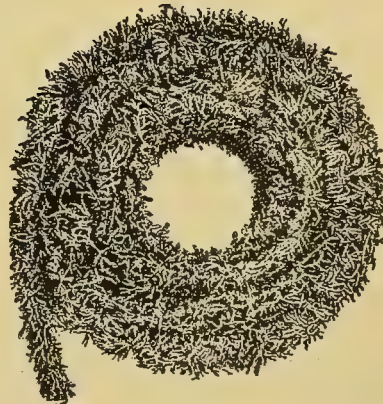
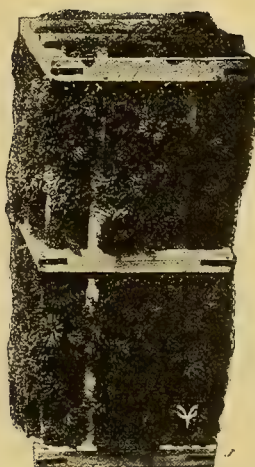
Each

9-in. tubs, 5 ft. spread..... 5.00

JOSEPH HEACOCK CO.,

Railway Station,
Jenkintown.

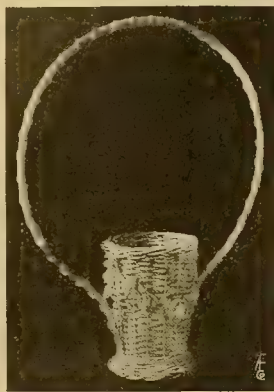
Wyncote, Pa.



Vaughan's Bouquet Green VAUGHAN'S XXX HOLLY Green Wreathing

Boxwood, Laurel, Mistletoe, Magnolia Leaves, Japanese Roping,
Cycas Leaves, Winter Berries, Immortelles, Ruscus.

VAUGHAN'S SEED STORE, CHICAGO
NEW YORK



Here Is a Sample of Our Well Known Product

Made from imported reed. Painted and decorated with the best enamel.

\$4.25 per dozen; \$35.00 per 100

Samples sent upon approval.

BASKET NOVELTY COMPANY

LEADERS IN HIGH CLASS BASKETS

73-75 West Houston Street,

CHICAGO

10,000

AZALEA INDICA

AT AUCTION

On Tuesday, Nov. 21st

At 1:00 O'Clock P. M.

TO BE OFFERED IN CASE LOTS.

The MacNiff Horticultural Co.,

52 to 56 VESEY ST., NEW YORK

Boston.

BUSINESS SHOWS SLIGHT IMPROVEMENT.

Business was rather quiet in most lines this week, although there was a slight advance over the previous week. Roses sold a little better, prices ranging about the same, but with a more active market. Chrysanthemums are the main factor, there being large quantities obtainable at moderate prices. Only the very best reach \$2 per dozen, the bulk of the commercial grade being sold at from \$6 to \$8 per 100. Poinsettias sell very well, although the prices are not extra high. Carnations averaged \$2 per 100 for the week on good blooms, but many were sold for less, according to quality. Violets are arriving in larger quantities and sell quite readily at 50 cents and 60 cents per 100. Lily of the valley is short, six cents being received for it. Chrysanthemum pot plants are the mainstay in the plant trade, the demand being very satisfactory. Greens are moving rather slowly. Stevia is just starting to come and sells readily. All told, the market as a whole is not what it should be, but with a little cold weather, the growers think that business will be better in the near future.

NOTES.

Wm. Molloy passed away at his home in Natick, after a brief period of sickness November 6. He was one of the pioneer salesmen of Boston, and was respected by all who knew him. He started to work for E. M. Woods, at Natick, at the age of 16, where he remained until 10 years before his death. During the last 10 years he was salesman for the Budlong Rose Co.

Wm. T. Good was struck and killed by an automobile, November 6, while leaving Hoffman's store, where he was employed. Mr. Good was very well known among the florist trade of this city, as he was employed by Wm. E. Doyle for about 20 years. Until this year he had a store on Boylston street,

Look! \$10.00 Look!

12—14-inch Holly Wreaths,	\$2.50
6—14-inch Cedar Wreaths,	1.20
6—14-inch Laurel Wreaths,	1.20
6—14-inch Pine Wreaths,	1.50
25 yards Laurel Roping,	1.25
10 branches berried holly,	2.00
1 6 to 8 ft. Xmas Cedar Tree,	3.50
6 Spruce Bows with Cones,	1.20
1 Branch Mistletoe,	.50

Regular price, \$14.85

SPECIAL PRICE, \$10.00

We make a specialty of the above and guarantee all goods as represented or money refunded.

TERMS—ONE-HALF CASH WITH ORDER.

We have everything in EVERGREENS.

Write Your Requirements.

DELAWARE EVERGREEN CO.,
MILTON, DELAWARE.

but gave it up and went with Sydney Hoffman.

P. Welch is in New York this week on business. At the store a fine lot of American Beauty, orchids and lily of the valley were noted. He is also handling a complete line of chrysanthemums and carnations, all of which are remarkable for their high quality.

Penn, the Florist, is conducting a chrysanthemum show at his store at 124 Tremont street this week, a report of which will appear in our next issue.

F. E. Palmer, of Brookline, has leased his Newton establishment to his former foreman, Peter Volante, for a period of one year.

Arthur Robbins and A. Liebman have bought the business of Max Fishelson, known as the Elite Flower Shop, on Winter street.

F. L. W.

New Crop Smilax

Smilax..... at \$2.50 per case
Green Sheet Moss..... 1.75 per bag
Perpetuated Moss..... 3.50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens

EVERGREEN,

ALABAMA

Xmas Greens

ORDER NOW.

Choice Case Holly, Holly Wreaths and Laurel Roping. Can furnish any amount. Write your requirements.

H. E. CONWELL,

Milton, Delaware

ARNOLD BOXES ARE BEST



**Leading Retail Florists
Everywhere Say So.**

Many Chicago florists use no other kind as they have found from experience that Arnold Boxes suit their purpose best and are the most reasonable in price, taking quality into consideration.

Write for samples and prices or better yet order your supply today

A. A. Arnold Paper Box Co., 1302-1308 W. Division St.,
CHICAGO, - ILLINOIS.

BOXWOOD -- QUALITY -- BOXWOOD

Our stock runs very high grade, all fresh glossy green, no heavy useless wood, can be used to the last spray. Now is the time to stock up. A case in the store is worth two on the road.

100 pounds, \$15.00

500 pounds, \$70.00

McCALLUM CO., 137 7th Street, PITTSBURGH, PA.

Fort Wayne, Ind.

Social events have created a brisk demand during the past two weeks. Chrysanthemums are more than plentiful, including the pompon and single varieties. The latest arrivals are Bonaffon, Well's Late Pink, Golden Wedding and Chrysolora. Single violets are increasing in supply and carnations are plentiful and of good quality. Narcissi are beginning to arrive and other offerings include sweet peas, swainsonas, Easter and calla lilies, lily of the valley and cattleyas.

CLUB MEETING.

The second meeting of the recently organized Fort Wayne Florists' Association was held November 8 at the store of the Flick Floral Co., Miss Rhoda Doswell presiding as temporary chairman. The election of officers resulted as follows: Miss Rhoda Doswell, president; Edward Wenninghoff, vice-president; Miss Margaret Flick, secretary; Herman Leitz, treasurer. At this meeting it was decided to hold the first annual flower show in the ball room of the Anthony hotel, November 16. The publicity committee, consisting of Clem Lanternier, chairman; M. Freese, Mrs. R. M. Doswell and Mrs. Alice Flick Shive, is

Nephrolepis Verona

Best of all crested ferns, rapid grower; it's splendid fronds stand up well; each show individually; does not rot in center.

BUY FROM THE ORIGINATORS.

	Per 100	Per 1000	Per 100	Per 1000
2-inch.....	\$8.00	\$72.00	3-inch.....	\$12.00
				\$90.00

BAMBOO

Best decorative plant that grows; strong bushy stock.

7-inch pots\$1.50 each 12-inch tubs.....\$6.00 each

P. S. Randolph & Sons

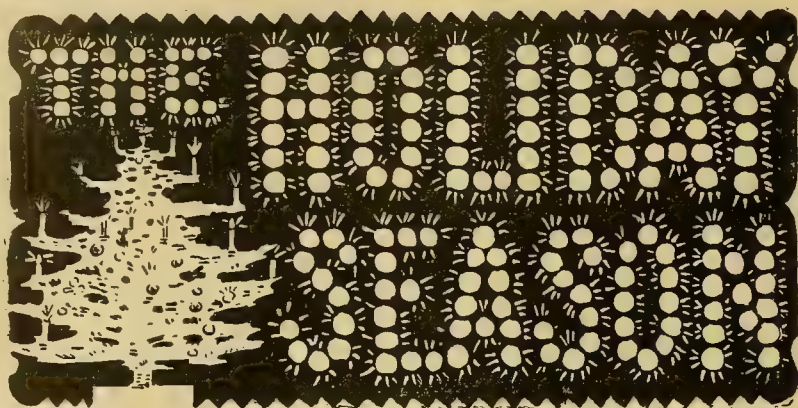
Wholesale Florists and Plant Specialists

R. D. VERONA, - PA.

sending out invitation cards and advertising the affair in the local papers. The next meeting will be held at the

store of A. J. Lanternier & Co., on Calhoun street.

H. K.



Look over the following items you can buy with your eyes shut and not go wrong:

Thanksgiving Offering

Carnations, Chrysanthemums, Pompons, Roses, Stevia, Lilies, Boxwoods and Winterberries
NOW READY.

Our Carnations are fine; now cutting heavy supply. Expect to have plenty for everybody. In 'Mums, cutting Golden and White Chadwick, Bonnafton, White and Pink Chieftain, Patty, Razer, Wells Late Pink, Papworth

CURRENT PRICE LIST—Now In Effect.

AMERICAN BEAUTIES.

	Per doz.
Long	\$6.00
36-inch	5.00
30-inch	4.00
24-inch	3.00
18-inch to 20-inch	2.00
Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00, \$12.00	

MRS. CHAS. RUSSELL.

Extra long	per 100	\$25.00
Long	per 100	\$18.00 to 20.00
Medium	per 100	12.00 to 15.00
Short	per 100	6.00 to 10.00
Milady	Long	\$10.00 to \$12.00
Ophelia	Medium	6.00 to 8.00
Brilliant	Short	4.00
Sunburst		

	Per 100
Killarney	Long .....\$8.00 to \$10.00
White Killarney	Medium 6.00
Aaron Ward	Short 3.00 & 4.00
Richmond	
Scott Key	Long .....\$18.00 to \$20.00
Hoosier Beauty	Medium 12.00 to 15.00
Stanley	Short 6.00 to 10.00

MINIATURE ROSES.

Cecile Brunner	per 100, \$2.00 to \$4.00
Fireflame	per 100, 3.00 to 4.00
Baby Doll	per 100, 2.00
George Elgar	per 100, 2.00

FANCY CUT FERNS.

	Per 100
Hybridum	\$1.50
Adiantum	\$0.75 to 1.00

MISCELLANEOUS CUT FLOWERS.

CHRYSANTHEMUMS, per doz., \$1.50 to \$4.00	Per 100
POMPONS, per bunch .....	.50 to 1.00
CATTLEYS, per doz	9.00 to 10.00
VALLEY	6.00
PAPER WHITES	4.00
CARNATIONS	3.00 to 5.00
LILIES	10.00 to 12.00
Gypsophilla, \$1.00 per bunch.	
GREEN GOODS.	
Mexican Ivy	\$0.50
Leucothoe sprays	
Sprenger and Asparagus Sprays	\$2.00 to 3.00
Galax (bronze and green)	per 1,000, \$1.50
New flat ferns	per 1,000, 2.00
Wild smilax	per case, 6.00
Stevia	per 100, \$2.00 to \$2.50
Snapdragon	per 100, 8.00 to 12.00

SUPPLY DEPARTMENT THANKSGIVING BASKETS

50 Assorted Tumblers \$10.00
With Liners,

FLOWER BASKETS

24 to 30 inches high,
With Liners, Per doz., \$9.00

Our Leader Two Toned, Liner included
Per Dozen, - \$6.00

SPECIAL--SEND \$1.00

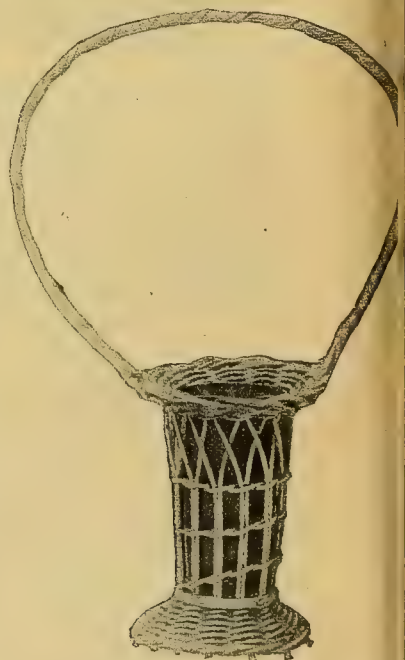
for a sample dozen Novelty Corsage Ties
and Baby Doll Showers. BE SURE AND
GET IN ON THIS--IT'S A BARGAIN.

Waxed Roses Oak Leaves Oak Sprays
Immortelles Ruscus Magnolia Wreaths

Our Leader—No. 224.

POEHLMAN

72-74 E. Randolph St.,



Kentias Western Kentias Headquarters

Largest and most complete stock offered in the West, in a healthy, strong and clean condition.

All previous prices quoted on Palms are hereby cancelled.

KENTIA FORSTERIANA SINGLE PLANTS.

	Leaves	Each
6 inch pots	5-6 28 inches high...	\$ 1.25
6 inch pots	6-7 32-34 inches high...	1.50
6 inch pots	6-7 34-36 inches high...	2.00
8 inch tubs	6-7 40-42 inches high...	3.50
8 inch tubs	6-7 42-46 inches high...	4.00
8 inch tubs	6-7 50 inches high...	5.00
8 inch tubs	6-7 52-56 inches high hv	7.00
10 inch tubs	6-7 60 inches high...	8.00
10 inch tubs	6-7 60-65 inches high...	12.00
15 inch tubs	6-7 8 feet high...	40.00
15 inch tubs	6-7 9-10 feet high...	50.00

KENTIA BELMOREANA SINGLE PLANTS.

	Leaves	Each
2½ inch pots	4 \$1.50 per doz., \$12 per 100	
	ins. high	Per Doz.
4 inch pots	5-6 16-18 45c each	\$5.00
6 inch pots	5-6 24 each	1.25
6 inch pots	5-6 28 each	1.50
8 inch tubs	5-6 42 each	5.00

Specimen plants, 15 inch tubs, \$75.00 each.



KENTIA FORSTERIANA MADE UP PLANTS.

Plants	Each
6 inch pots 3 26-28 inches high.....	\$ 2.00
7 inch tubs 3 30-32 inches high.....	2.50
8 inch tubs 3 38 inches high.....	4.00
8 inch tubs 4 48-50 inches high.....	5.00
9 inch tubs 4 52 inches high.....	6.00
10 inch tubs 4 54 inches high.....	8.00
12 inch tubs 4 60-64 inches high.....	12.00
12 inch tubs 4 66 inches high.....	15.00
15 inch tubs 4 6-6½ ft. high, heavy..	25.00
15 inch tubs 4 75-80 inches high.....	30.00

ARECA LUTESCENS.

Plants	Each
6 inch pots 4 bushy, 24-26 inches high.	\$1.25

ASPIDISTRAS.

5 inch pots 10-12 leaves green	1.00
6 inch pots 16-20 leaves green	1.50
5 inch pots 10-12 leaves var.	1.50

10,000 POT CHRYSANTHEMUMS

Magnificent supply in all the best leading varieties, most of which are ready for delivery now. Exceptionally fine stock and unusually good value. Order early.

5½-in.-6-in., pots, 50c to 75c each; 7-in. pots, \$1.00 to \$1.50 each; larger specimens, \$2.00, \$3.00, \$4.00, \$5.00 each.

	Each.
Araucaria Excelsa, 5 inch pot.....	\$0.50 to \$0.60
" " 6 " " .....	.75 to 1.00
" " 7 " "	1.25 to 1.50
Araucaria Robusta Compacta, 6 inch pot....	\$1.25
" " 7 " "	2.00
Larger Specimens, \$3.00 to \$5.00 each.	
Pandanus Veitchii, 4 inch pot.....	\$0.35
" " 6 " " .....	.75 to 1.00
" " 7 " "	1.25
" " 8 " "	2.00
Crotons, 4 inch pot.....	.40
Rubber Plants, 5 inch pot.....	.50 to .75
	Per 100
Asparagus Sprengerii, 3 inch pots.....	\$6.00
" " 4 " "	10.00
Asparagus Plumosus, 2½ " "	3.50
" " 3 " "	7.00
Table Ferns, 2½ " "	3.00
" " 3 " "	6.00
4 inch pots, \$10.00 per 100.	
	Each.
Holly Ferns, 5 inch.....	\$0.25
Coleus Emperor William, 5 inch.....	\$0.25 to .35
Begonia Luminosa, 5 inch.....	.20

	Per 100
Begonia Chatelaine, 2½ inch.....	\$ 3.50
" " 3 " "	8.00
" " 4 " "	15.00
	Each
For November and December Delivery.	
Begonia Cincinnati, 5 inch	\$0.75
" " 6 " "	\$1.00 to 1.25
" " 7 " "	1.50 to 2.00
Begonia Lorraine, 4 inch	\$0.30
Begonia Melior, 5 inch	\$0.75
" " 6 " "	\$1.00 to 1.25
" " 7 " "	1.25 to 2.00
Begonia Mrs. J. A. Peterson, 4 inch.....	\$0.50
	Per Doz.
Cyclamen For November and December Delivery.	
4 inch pot	\$4.20
5 " "	6.00
6 " "	9.00
7 " "	\$12.00, \$15.00, 18.00
	Per 100
Primula Obconica, 4 inch pot.....	\$15.00
Pepper Xmas, 5-6 inch pots, each.....	35c 50c 75c
" " 4 " "	15c 20c
	Each
Poinsettias, 6 inch pans	\$0.50
" " 7 " " .....	.75
" " 8 " "	\$1.00 to 1.50

BOXWOOD, 15-18-20 inches, 50c, 60c and 75c each.

AZALEAS FOR CHRISTMAS--Order Your Supply Now.

Varieties--Mme. Petrick, Vervaeana, Petrick Superba, \$1.00, \$1.25, \$1.50, \$2.00, \$2.50, \$3.00, \$4.00, \$5.00, \$7.50.

A Nominal Charge is made for Packing.

N BROS. CO.

Long Distance Phone, **CHICAGO, ILL.**
Randolph 35.

FANCY 'MUMS

Z M
E A
& N
C N
H N

Large Quantities for Thanksgiving

All colors, particularly White, Pink and Yellow.

ALSO BIG SUPPLY OF POMPONS.

Splendid assortment of all the seasonable varieties.

CARNATIONS

All the Best New and Standard Varieties in Quantity.

CHICAGO HEADQUARTERS

Russell and Ophelia

Positively the largest and finest supply obtainable in the Chicago market. Also large quantity of fine Ward, Sunburst, Richmond, Milady, Killarney and White Killarney Roses.

SWEET PEAS, VIOLETS, LILIES, VALLEY, GREENS, ETC.

We will have the largest supply of Cut Flowers that we have had for years this Thanksgiving, so order now and get the best the Great Central Market affords.



Remember when ordering that our line is so complete that it includes every item offered in the Great Chicago Market.

30 E. Randolph St.,

Long Distance Phones { Central 3283
Central 3284
Automatic 42-965

Chicago

Chicago.

COLD WEATHER HELPS BUSINESS.

The extremely cold weather has caused a sudden shortening up of stock and the market is now in a healthier condition than it has been for several weeks. Chrysanthemums are in good supply, but are commanding better prices and are moving fairly well. Some particularly fine white and pink Chieftain, Intensity, Chadwick, white and yellow Bonaffon, Wm. Turner, Nagoya, Marigold, white and yellow Eaton, Enguehard, Razer, and Roman Gold are included in the shipments and give the buyer a splendid variety to select from. Pompoms are also in good supply and the offerings now include Golden Wedding, Garza, Mrs. Beu, Klondyke, Autumn Queen and other varieties too numerous to mention. Roses are in shorter supply and in good demand, cleaning up nicely every day at satisfactory prices, particularly Ophelia, which at times are scarce. American Beauty roses are reaching the market in splendid condition and in good supply, but there is hardly ever any surplus when the stores close at night. Mrs. Chas. Russell are having a good call and like American Beauties are selling quickly. Some particularly fine White Killarney and Richmond are seen, but the receipts are just about equal to the demand. Carnations are in good supply and are selling better than they have been at advanced prices. Orchids are cleaning up every day and so are gardenias. Lily of the valley is as scarce as ever and most of the stock offered is bringing \$6.00 per 100. Sweet peas are none too plentiful but the receipts of Paper White Narcissus are considerably larger. Lilies and callas are more numerous, but are selling better since stock in



**Get Your
Money's
Worth**

**Place Your Orders
With Us For
Thanksgiving**

Roses---Carnations---Chrysanthemums

Everything else in seasonable Cut Flowers and Greens.

Supplies For Fall Decorations

**Natural Prepared Oak Sprays--Colored Ruscus
Magnolia Leaves--Baskets--Ribbons--Chiffons.**

Write for our weekly wholesale cut flower price list.

O. A. & L. A. Tonner
30 E. Randolph Street,

Phone,
Central 6284.

CHICAGO, ILL.

general has shortened up. Daisies, snapdragons, bouvardias, calendulas, sweet alyssum, for-get-me-nots, straw-flowers, cut cyclamens, stevia, corn-flowers and violets are obtainable and at times have a good call. Pussy willows are selling like hot cakes and are seen featured in many of the window displays. Red berries are seen everywhere in quantity and greens of all kinds are in large supply. Business is slowly improving and a great change in the market conditions may be expected before the week is over. The out-of-town buyers will probably find it to their advantage to place their orders

well in advance for Thanksgiving this year, for if business is at all good, stock in certain lines will be scarce, especially as far as the home grown chrysanthemums are concerned.

NOTES.

G. M. Reyburn has gone in the wholesale business for himself and is handling bulbs, plants and supplies with headquarters at 160 North Wabash avenue. He left for New York, November 13, to complete his arrangements and will have a further announcement to make in the near future.

CARNATIONS

Big Crop on for Thanksgiving

\$3.00 to \$4.00 per 100.

CHRYSANTHEMUMS

Large White and Yellow Flowers, \$1.50 to \$3.00 per doz.; Pink, \$2.00 to \$3.00.

POMPONS—35 cents to 50 cents per bunch.

CHOICE SHIPPING ROSES

RUSSELLS—We are growing the finest Russells arriving in this market. All visitors to the greenhouses in the Chicago district say that our Russell are the best here.

We cut our flowers tight in the bud as the majority of our trade is shipping. Flowers that are sold mostly to the city trade are allowed to open more than for the shipping trade. The roses which we are receiving in large quantities direct from our greenhouses within a few hours of being cut, enable us to fill all orders with strictly fresh stock. This is the great advantage of buying direct of the grower. Order here.

THANKSGIVING PRICE LIST

American Beauties	Per doz.
Specials, extra long stems.....	\$6.00
30 to 36-inch stems.....	\$4.00 to 5.00
Medium stems.....	2.00 to 3.00
Shorter lengths.....	1.00 to 1.50

Hoosier Beauty, Rhea Reid, Ophelia, Sunburst, Shawyer.

	Per 100
Special.....	\$10.00 to \$12.00
Extra long	8.00
Good medium.....	5.00 to 6.00
Short	3.00 to 4.00

Richmond, White and Pink Killarney Killarney Brilliant

	per 100,	\$8.00
Long.....	"	\$5.00 to 6.00
Medium.....	"	3.00 to 4.00
Short	"	

Mrs. Chas. Russell.	Per 100
Special.....	\$20.00
Long.....	15.00
Medium.....	\$8.00 to 12.00
Short.....	5.00 to 6.00
Cecile Brunner	per 100, 2.00
CARNATIONS	per 100, 3.00 to 4.00
LILY OF THE VALLEY	6.00
ASPARAGUS SPRAYS and SPRENGERL.	2.00 to 3.00
FERNS, new	per 100, 25 cents; in lots of 1000 or more, \$2.50 per 1000.
ADIANTUM	1.00
GALAX, bronze and green	per 1000, \$1.25 to \$1.50

ROSES, our selection, in lots of 300 or more at the rate of \$30.00 per 1000.
White, Pink and Yellow CHRYSANTHEMUMS—Yellow Pompoms

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN

LONG DISTANCE PHONE:
CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

OFFICE AND STORE
178 N. Wabash Ave., CHICAGO, ILL.



THANKSGIVING PRICE LIST

ROSES		
American Beauty—	Per doz.	
Extra long stems.....	\$5.00	
Stems 30 to 36 inches.....	4.00	
Stems 24 inches.....	3.00	
Stems 18 inches.....	2.00	
Stems 12 inches.....	1.50	
Short stems.....	100, \$6.00 to \$8.00	
Mrs. Chas. Russell—	Per 100	
Good	\$ 6.00 \$ 8.00 \$10.00	
Extra Fancy	12.00 15.00 20.00	
Ophelia	6.00 8.00 10.00	
Sunburst	6.00 8.00 10.00	

Killarney, White Killarney, Killarney Brilliant and Richmond.		Per 100
Long	\$6.00 to \$8.00	
Medium	5.00	
Short	4.00	
Specials billed accordingly.		
CARNATIONS, good	4.00	
Special fancy	5.00	

CHRYSANTHEMUMS

Select	\$3.00 to \$4.00 per doz.
Medium	2.00 to 2.50 per doz.
Short	1.00 to 1.50 per doz.
Pompons, per bunch.....	25c, 35c, 50c each

MISCELLANEOUS

	Per 100
Daisies	\$ 1.00 to \$ 2.00
Calendulas	2.00 to 3.00
Sweet Peas	1.00 to 1.50
Lilies	12.50 to 15.00
Violets, double .....	.50 to 1.00
Paper Whites	3.00
Strawflowers	35c per bunch
Ferns	\$2.50 per 1000
Asparagus, per bunch.....	35c to 50c each
Sprenger, per bunch.....	25c to 35c each

Order Here and Get Satisfaction.

A. T. PYFER & CO.

Wholesale Florists

30 E. Randolph Street,

Long Distance Telephone
Central 3373

CHICAGO, ILL.

The Bohannon Floral Co. had a grand opening at its new store, at 75 East Monroe street, a few doors away from its old establishment, at 57 East Monroe street, Thursday, November 9, when a grand showing of cut flowers of all kinds was made, particularly American Beauty, Mrs. Chas. Russell, Ophelia, Baby Doll and Elgar roses, orchids, bouvardias and chrysanthemums. This firm has a beautiful store equipped and furnished throughout by the Reliable Store Fixture Company, which compares most favorably with any in the city. A large workroom adjoins the store proper in the rear with a receiving entrance in the alleyway and a private elevator to the basement. In addition to the main entrance, there is a side one in the corridor leading direct to Michigan avenue, which is quite an item in itself. The Bohannon Floral Co. has had four different locations on East Monroe street since it started in business nine years ago, counting the two stores they are now occupying, and have built up a splendid trade during that time. Mr. Bohannon leans toward the artistic and is continually showing new creations in supplies, including some artistic rockeries now in use and made especially for him along his own ideas. Joseph Carlin, formerly with the Forrest Flower Shop, Philadelphia, Pa., is the latest addition to the store force at this establishment.

J. C. Craig, the oldest florist in the city, is proud of the fact that he voted the straight democratic ticket and is enthusiastic over the country's selection of the presidential candidate. Mr. Craig possesses a trace of humor and points with pride to the great part his state took in furnishing the party's candidate with electoral votes (?).

At Oscar J. Friedman's store the stage is all set for the fall and winter

season and a splendid showing of stock of all kinds is being made, particularly chrysanthemums and roses. Mr. Friedman is fortunate in having such expert storemen as Victor Bergman and Duncan Robertson in his employ.

Chas. Falkenheim, of the Basket Novelty Company, New York, has been calling on the trade here for over a week and reports business as good, even disposing of his samples. His line is original and leans toward the beauty in basketry, including the popular bird-cages, miniature cradles, booties, etc.

A. L. Vaughan & Co. are handling a magnificent supply of chrysanthemums and pompons in addition to a most complete line of orchids. The outlook for a large supply of stock for Thanksgiving is very bright at this establishment, especially for roses and carnations.

A. T. Pyfer & Co. have added an American Beauty rose grower to their list of consignors and are receiving regular shipments in all the desired grades. Mr. Pyfer reports an unusually brisk demand for pussy willows, which they are handling in quantity.

The John Kruchten Co. is handling a regular supply of orchids in addition to a complete line of all other seasonable stock. Mr. Kruchten reports a great improvement in trade with an increased demand for everything, especially chrysanthemums.

The Fleischman Floral Co. reports business as good and is looking forward toward a brisk fall and winter trade. Manager Graham is back on the job again after enjoying a pleasant visit with relatives and friends at his old home at Philadelphia, Pa.

Percy Jones is handling a large quantity of green goods, in addition to

a heavy supply of cut flowers, particularly pompons and chrysanthemums. The shipping trade is very good at this establishment, and the city demand is also showing a big improvement.

Frank Hagen, of the George Reinberg store force, has the sympathy of the trade in the loss of his brother, whose death occurred this week. The Hagen family is well known to the trade, especially among the north side growers.

William Timme is adding a greenhouse, 20x150 feet, to his Irving Park establishment and will tear down some of his old houses in the spring to make room for a new store and large modern conservatory.

The Garland Manufacturing Co. has received another order from Davis & Steiner, Ottawa, for a new house to be erected at Streator, which makes thirteen, all told, that this firm has built there this season.

The Chicago Florists' Club will meet at the Morrison Hotel, Thursday evening, November 16, at 8 o'clock, when officers for 1917 will be nominated.

Carl Vaughan, of Vaughan's Seed Store, is wearing a 10-pound smile caused by the arrival this week of Woodrow Wilson Vaughan.

Sinner Bros. are pleasing their trade with a particularly fine grade of White Killarney roses that are perfect in every respect.

Kennicott Bros. report a splendid demand for Bonnaffon chrysanthemums, which they handle in quantity each season.

M. C. Gunterberg is handling a large quantity of fancy white and yellow Bonnaffon chrysanthemums.

George C. McCallum, of the McCallum Co., Pittsburgh, Pa., called on the trade here this week.

'MUMS

Largest Crops in the West and Just Right For Thanksgiving

Orders now being booked. Get yours in early. All the leading varieties in large quantities. Per doz.: Fancy, \$2.50; Good, \$1.50 to \$2.00; Small, per 100, \$8 to \$10.

Also a large supply of Choice Pompons at 35c to 50c per bunch.

Unquestionably the finest and greatest individual collection of varieties grown and offered in Chicago and the west.

BEAUTIES

White and Pink Killarney--Richmond--Sunburst--Killarney Brilliant--Ophelia
IN GOOD SUPPLY. QUALITY A1.

We Have All the
Standard and
Best New

CARNATIONS

And Can Supply
the Best Grade
in Quantity

We can fill your order better than any other house in this market and stand ready to prove it. Order Here.

Thanksgiving Price List--

Subject to Change
Without Notice.

BEAUTIES	Per doz.
Extra select.....	\$5.00
36-inch stem.....	4.00
30-inch stem.....	3.50
24-inch stem.....	2.50
20-inch stem.....	2.00
15-inch stem.....	1.50

ROSES

	Per 100
Killarney.....	
White Killarney.....	
Sunburst.....	Select.....\$8.00
Richmond.....	Fancy..... 6.00
Killarney Brilliant.....	Medium..... 4.00
Ophelia.....	Short..... 3.00

ROSES	Per 100
Our Selection.....	\$4.00

CARNATIONS

Select.....	\$4.00
Fancy.....	3.00
Medium.....	2.50

CHRYSANTHEMUMS

(All Colors)

Fancy.....per doz.,	\$2.50
Good.....per doz.,	\$1.50 to 2.00
Small..... per 100,	8.00 to 10.00
POMPONS... per bch,	35c to 50c

MISCELLANEOUS

	Per 100
Valley.....	\$ 6.00
Lilies.....	\$12.50 to 15.00
Adiantum	1.00
Ferns.....per 1000,	\$2.00 to 2.50
Galax, bronze and green,	
.....per 1000,	1.25
Smilax..... per doz.,	2.00
Asparagus Sprengeri...per bunch,	50c
Asparagus Plumosus...per bunch,	50c

All Other Green Goods
at Market Prices.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone:
Randolph 2081

CHICAGO

THANKSGIVING FLOWERS

'Mums, Pompons, Roses, Carnations, Violets, Lilies, Valley, Greens, Etc.

THANKSGIVING PRICE LIST.

AMERICAN BEAUTY	Per doz.
Extra long stems	\$5.00
Stems 30 to 36 inches	4.00
Stems 24 inches	3.00
Stems 18 inches	2.00
Stems 12 inches	1.50
Short Stems	1.00, \$6.00 to \$8.00

ROSES	Per 100
MRS. CHAS. RUSSELL	
Special	\$20.00 to \$25.00
Select	12.00 to 15.00
Medium	8.00 to 10.00
Short	5.00 to 6.00
Richmond, special	10.00 to 12.00
select	6.00 to 8.00
short	3.00 to 4.00
Milady, special	10.00 to 12.00
select	6.00 to 8.00
short	3.00 to 4.00
Killarney Brilliant, special	10.00
select	6.00 to 8.00
short	3.00 to 4.00
Hoosier Beauty, extra special	15.00
select	10.00 to 12.00
short	6.00 to 8.00
short	3.00 to 4.00

ROSES	Per 100
Ophelia, special	\$10.00
select	\$ 6.00 to 8.00
short	3.00
White Killarney, special	8.00 to 10.00
select	4.00 to 6.00
short	3.00
Killarney, special	8.00 to 10.00
select	4.00 to 6.00
short	3.00
Mrs. Ward, special	8.00
select	4.00 to 6.00
short	3.00
Sunburst, special	8.00 to 10.00
select	4.00 to 6.00
short	3.00
Cecile Brunner	2.00 to 3.00
ROSES, OUR SELECTION	4.00
Extra special roses billed accordingly.	

CARNATIONS	Per doz.
Good Common	\$ 2.00 to \$ 3.00
Large and fancy	4.00
CHRYSANTHEMUMS	Per doz.
Small	\$ 1.00 to \$ 1.50
Medium	2.00 to 2.50
Fancy	3.00 to 4.00
Pompons	.25 to .50

MISCELLANEOUS	Per 100
Violets	\$ 0.75 to \$ 1.00
Valley	6.00
Easter Lilies	12.50 to 15.00
Stevia	1.50
Strawflowers	per bunch .25 to .35
Paper Whites	3.00
Daisies	1.50 to 2.00

ORCHIDS	Per doz.
Cattleyas	\$7.50 to \$9.00

GREENS	Per doz.
Asp. plumosus, per string	.75
Asp. plumosus sprays, bunch	\$0.25 to .50
Sprengeri	per bunch .35 to .50
Adiantum	per 100 .75 to 1.00
Smilax, choice	per doz. 1.50 to 2.00
Fancy ferns	per 1,000 2.50
Galax leaves	per 1,000 1.25
Wild Smilax	per case 5.00
Boxwood	per lb., 25c; 50 lb. case 7.50
Red Winter Berries, selected	\$3.00 per box.

ERNE & KLINGEL

Wholesale Florists

30 East Randolph Street,

L. D. Phone 6578

CHICAGO, ILL.

Poehlmann Bros. Co. is having a big run on pot chrysanthemums, cyclamens and begonias as well as foliage plants of all kinds, particularly crotons. August Poehlmann and Adolph Poehlmann have returned home from a pleasant visit with their sons, Earl, Roland and Walter at Urbana, where they are attending school. They also attended the fall meeting and flower show of the Illinois State Florists' Association at Bloomington last week. John Poehlmann, who graduated from the Culver Military Academy a few years ago, is forming a Chicago Culver Club and will very likely be honored with the presidency.

Peter Reinberg is evidently more than pleased with the new rose Champ Weiland, for he is going to grow it on a larger scale than ever next season. The artistically arranged basket of Champ Weiland that A. Lange exhibited at the Hotel LaSalle last Sunday was much admired by the trade as well as the public. One grower remarked that it was the finest pink rose in the hall, including Mrs. Chas. Russell.

P. W. Peterson, superintendent of the J. D. Thompson Carnation Co.'s greenhouses, Joliet, attended the flower show at the Hotel LaSalle, November 12, and was most favorably impressed with the retail display. Thompson's new flesh pink carnation Superb was greatly admired by the trade and will be grown heavily at one of the leading local establishments next season.

Wietor Bros. have started to cut from a big crop of Bonaffon, Roman Gold and Enguehard chrysanthemums, and from present indications, this firm will be right in the swim for Thanksgiving. Pompons in about 57 different varieties, are included in their shipments and a particularly fine grade of

BIG THANKSGIVING CROPS
ROSES, CARNATIONS, 'MUMS,
POMPONS, GREENS, ETC.

WRITE FOR PRICES.

SINNER BROS., 158 N. Wabash Ave., Chicago

Rosette carnations is attracting the attention of the buyers.

The Chicago Flower Growers' Association will be well fixed on roses, chrysanthemums and other seasonal stock for Thanksgiving, according to Manager Klingsporn, who is booking all the orders that are in sight. Red winter berries are handled on a large scale at this establishment.

The Alpha Floral Co. of this city received an official announcement last week from A. J. Zwart and J. S. Wilson, Jr., who recently bought the Alpha Floral Co.'s store in Des Moines, Ia., which was formerly in charge of Gus Pappas, who has not been in the best of health of late.

Bassett & Washburn report trade as brisk and a good cleanup every day since the cold weather set in. Their new carnation, Belle Washburn, is in good demand and is bringing top market prices. This firm is cutting from a splendid crop of fancy Mrs. Chas. Russell roses.

The E. C. Amling Co. is strong on chrysanthemums and roses and will be well supplied with both for Thanksgiv-

ing. The new Ford delivery truck added to the delivery service recently is proving to be a good investment.

Hoerber Bros. will be in good crop with Ophelia, Killarney, White Killarney, Ward and Richmond roses for Thanksgiving, and are now cutting quite heavily in chrysanthemums.

The George Wittbold Co. has added a new Pathfinder auto truck to its delivery service. This firm's new retail store will be equipped with a Kroeschell refrigerating machine.

Erne & Klingel are supplying their trade with as fancy a grade of smilax as there is obtainable in this market. Chrysanthemums are seen in large supply at this busy house.

The Chicago Florist is well pleased with its new location at 35 East Monroe street and reports good business since the opening last June.

Phil Foley, Jr., is back from Ames, Ia., where he attended the flower show staged at the state college in that city, November 10-11.

Samuel Seligman, of the American Bulb Co., is up and around again after being on the sick list for several days.

We Have a Dependable Supply FOR THANKSGIVING

and can furnish you with whatever you may require; so why not send your orders to us, where they are always sure to be taken care of?

YELLOW—WHITE—PINK.

Heavy Supply 'MUMS High Quality

**Large Supply of Choice Roses in the Leading Varieties,
Of Excellent Quality That Are Sure to Give Satisfaction.**

NOVELTY ROSES: Cecile Brunner or Sweetheart—Baby Doll—George Elgar.

CARNATIONS

In All the Leading Varieties and Colors.

Special prices on quantity lots of 500 or more.

VALLEY--LILIES

Our Blue Ribbon Brand speaks for itself.
Daily supply of Valley as well as Lilies.

'MUMS and POMPONS

Can supply in Yellow, Pink and White varieties.

VIOLETS

Fragrant Home-Grown Single Violets.

SNAPDRAGONS

Choice White, Pink and Yellow.

Why Not Use The Best For Your Trade ?

We never failed to take care of our customers during the extreme scarcity existing last spring. This year finds us situated better than ever to supply you, as we are receiving the output of several large new growers in this vicinity, together with the usual supply from our large range.

Our offerings consist exclusively of strictly fresh home-grown stock—bound to reach you in good condition.

You can increase your profits and business by sending us your orders.

Remember, we make no charge for boxes or packing which in itself is a saving to you.

**Quality
Speaks
Louder
Than
Prices.**

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

GUT FLOWERS

**Prices
As
Low
As
Others.**

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

The firm of J. A. Budlong has built a new balcony in its enlarged quarters and is rapidly getting things in tip top condition, although a number of changes remain to be made. Manager Schupp and his assistants can use the additional space to good advantage and are wondering how they managed to handle all the orders in such good shape as they did in the old place, where they were always crowded for room.

The Raedlein Basket Co. is all ready to handle a brisk Thanksgiving and Christmas trade and have a large and complete line on hand to fill all the orders that will arrive. Plant baskets especially are in brisk demand right now.

The A. L. Randall Co. has booked another nice lot of orders for rooted cuttings of the new red carnation *Thenanthos* and expect to reach the 200,000 mark in the near future.

PREPARED CYCAS LEAVES

BEST QUALITY.

PERFECT COLOR.

VERY PLIABLE.

100 Assorted Sizes up to 36 inches long, \$4.80.

GET OUR LATEST LIST OF OTHER SUPPLIES.

GEO. H. ANGERMUELLER

Wholesale Florist

1324 PINE STREET

ST. LOUIS, MO.

HEAVY
SHIPMENTS.

Violets for Thanksgiving

WRITE FOR
PRICES.

M. C. GUNTERBERG, 158 N. Wabash Ave., CHICAGO, ILL.

Miss Ida Latshaw, who was formerly manager of the Meredith Flower & Vegetable Greenhouses, is back from the west and is visiting relatives at Libertyville.

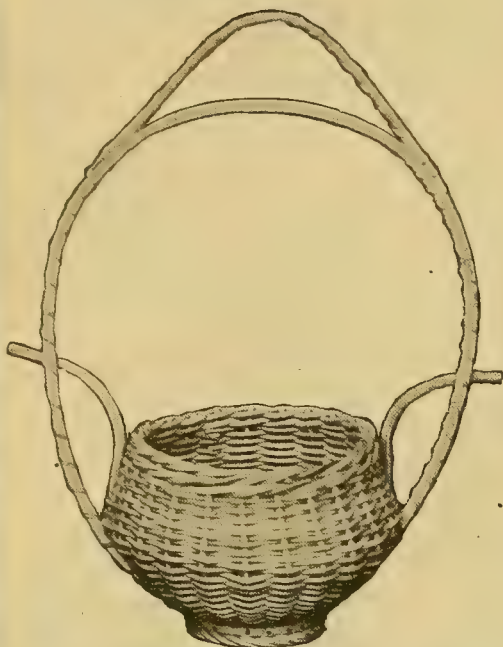
L. R. Finnermann, with A. Hender-

son & Co., will join the ranks of the benedicts next month.

Iler Cole, of Hembreicher & Cole, Springfield, is in the city on business.

Ernest Farley is now with A. L. Vaughan & Co.

Order Your Supply Now



Make Your Selection of These Six Special Offers and Let Us Have Your Orders As Early As Possible.
—DO IT TODAY IF CONVENIENT.

Plant Baskets.

No. 1—\$18.00.

12 Plant Baskets for plants ranging in size from 5 to 10-inch pots.

No. 2—\$12.00.

12 Plant Baskets for plants ranging in size from 5 to 10-inch pots.

No. 3—\$8.00.

12 Plant Baskets for plants ranging in size from 5 to 10-inch pots.

Cut Flower Baskets.

No. 1—\$7.50.

25 Cut Flower Baskets for short-stemmed flowers.

No. 2—\$15.00.

25 Cut Flower Baskets for medium-stemmed flowers.

No. 3—\$19.00.

25 Cut Flower Baskets for long-stemmed flowers.

Write for Our New Catalogue.

RAEDLEIN BASKET COMPANY
713 Milwaukee Avenue, - CHICAGO

Miss L. A. Tonner, of O. A. & L. A. Tonner, is back from a visit to her pecan grove at Baconton, Ga., and is well pleased with the crops this season. She brought back a large supply with her and is booking quite a number of orders from the trade for the holidays. Her sister, O. A. Tonner, who is associated with her in business, and Mrs. Thos. Fogarty, also have extensive groves in the Jackson pecan districts.

Zech & Mann are showing a large quantity of white and yellow Eaton in addition to a large number of other seasonable chrysanthemums. Allie Zech says that trade is showing a big improvement, especially as far as the out-of-town demand is concerned. This firm is featuring a splendid grade of Mrs. Chas. Russell roses.

H. H. Putnam, authority on greenhouse heating, formerly with the sanitary district, first as a heating engineer and later as a consulting engineer, is now with the American Greenhouse Manufacturing Company.

Kyle & Foerster have replaced the large plate glass window in their store front, which was broken when someone threw a large lump of coal through it one night this week.

Peter Miller, with George Wienhoeber, has been confined to the hospital for several days following an operation for tonsillitis.

John Michelsen visited the growers at Richmond, Ind., this week.

Visitors: Theo. Miller and J. M. Boerm, St. Louis, Mo.; A. E. Turner, Mosinee, Wis.; Alois P. Frey, Crown Point, Ind.; Mrs. Frances Spickermann and daughter, Lena, Sandwich, Miss Louise Petzey, with Lion & Anderson, Belvidere; Misses Zimmerman, G. Brusat and E. Haige, with Wm. C. Zimmerman, Milwaukee, Wis.; P. W. Peter-

California Violets

Giant and Princess

ENOMOTO & CO.

35 St. Anne St.,

SAN FRANCISCO, CALIF.

son and Heaton Nichols, Joliet; J. A. Karins, representing Henry A. Dreer, Philadelphia, Pa.; Milton Alexander, with Lion & Co., New York; Gust Pappas, Des Moines, Ia.; Edw. Amerpohl, Janesville, Wis.; Saul M. Rosenfeld, representing Wertheimer Bros., New York; J. E. Yeats and wife, Champaign.

Cleveland.

HEAVY SUPPLY CROWDS MARKET.

The extremely warm and sunshiny weather of the past few weeks has brought in chrysanthemums and pompons until the market is very much crowded; even outdoor stock such as gladioli, centaureas, outdoor pompons and chrysanthemums help to fill the tables of the wholesalers. Carnations are a little more plentiful, but are moving nicely. Roses are suffering somewhat as they usually do on account of the chrysanthemums. Snapdragons are good stock, and in good demand. Greens are plentiful.

NOTES.

Miss Christine Cliff, who owns and conducts the Christine Floral Co., Hough avenue, has purchased the Penn Square Floral Co. on Euclid avenue, near east 55th street.

F. D. Kirchner, Riverside drive, West Park, Ohio, has taken over the greenhouses of the T. J. Kegg estate and will grow flowers for the wholesale market.

Hody & Rigo have opened a florist and landscape gardening business in Berea, Ohio, with greenhouses on Adams avenue.

W. S. Chaffee, professional decorator, has purchased the Clifton Floral Co. on Lake avenue, near Detroit street.

L. F. Darnell and wife will leave this week for California, where they will spend the winter.

The Flower Shoppe, Superior avenue, has put on a new delivery car.
C. F. B.

Boxwood Sprays

Our Supply Comes from the Old Plantations of the South.

We will furnish good, clean, glossy, green sprays (free from excess wood), every pound merchantable and useable.

50 pounds, \$7.50; 100 pounds, \$13.50 net, f. o. b. Pittsburgh, Pa.

FANCY LYCOPODIUM

Per 100 pounds.....\$10.00

SELECTED MISTLETOE

10 pounds.....\$1.75; 25 pounds.....\$3.50

GREEN SHEET MOSS

3-bushel sack, filled.....\$1.50

WILD SMILAX

50 pound size case.....\$5.00

116-118 7th St. **PITTSBURGH CUT FLOWER CO.** Pittsburgh, Pa.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

The Largest, Best Equipped,
Most Centrally Located

WHOLESALE

CUT FLOWER HOUSE

IN CHICAGO

174-6 N. Wabash Ave., CHICAGO

L. D. Phones
CENTRAL 1977 and 1978.

Mention the American Florist when writing.

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

New Crop Smilax

Smilax.....at \$2.50 per case
Green Sheet Moss... 1.75 per bag
Perpetuated Moss.... 3.50 per bag

Edward A. Beaven, EVERGREEN,
ALA.

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 NO. WABASH AVE., CHICAGO
Telephone Central 466

Wholesale Flower Markets

Chicago.

	CURRENT PRICE LIST.	Per doz.
Roses, Beauty, specials	\$ 5 00@	\$6 00
" " 36-in.	3 00@	4 00
" " 30-in.		2 50
" " 24-in.		2 00
" " 20-in.		1 50
" " 18-in.		1 00
short	per 100, \$4 00@	6 00

" Mrs. Chas. Russell	\$4 00@	20 00
" Hoosier Beauty	4 00@	12 00
" Killarney Brilliant	3 00@	10 00
" Killarney	3 00@	10 00
" White Killarney	3 00@	10 00
" Richmond	3 00@	10 00
" Prince de Bulgarie	3 00@	10 00
" Rhea Reid	3 00@	10 00
" My Maryland	3 00@	10 00
" Mrs. Geo. Sawyer	3 00@	10 00
" Milady	3 00@	10 00
" Sunburst	3 00@	10 00
" Mrs. Aaron Ward	3 00@	10 00
" Hadley	3 00@	10 00
" Ophelia	3 00@	10 00
" Double White Killarney	3 00@	10 00
" Mrs. Moorfield Storey	3 00@	10 00
" Champ Weiland	3 00@	10 00
" Stanley	3 00@	10 00
" Tipperary	3 00@	10 00
" Frances Scott Key	3 00@	10 00
" Bayard Thayer	3 00@	12 00
" Cecile Brunner	2 00@	3 00
" George Elgar	2 00@	3 00
" Baby Doll	2 00@	3 00
" Fireflame		4 00
" Our selection		3 00

Carnations	1 50@	3 00
Cattleyas... per doz.	7 50@	9 00
Vandas.....	25c	per bloom
Gardenias.....	\$3 00	per doz.
Sweet Peas		75@ 1 00
Daisies.....	1 00@	1 50
Calendulas.....	2 00@	4 00
Snapdragons \$1 00@\$1 50	per doz.	
Chrysanthemums.....	per doz.	1 00@ 4 00
Pompons..... per bunch,	25@ 75	
Violets..... per 100,	50@ 1 00	
Lilium Harrisii.....	12 50@	15 00
Valley.....	5 00@	6 00
Adiantum Croweanum.....	1 00@	1 50
Ferns..... per 100,	2 00@ 2 50	
Galax.....	1 00@ 1 25	
Leucothoe.....		75@ 1 00
Mexican Ivy..... per 100,	5 00@ 6 00	
Plumosa Strings..... each,	60@ 75	
Smilax..... per doz.,	2 00@ 2 50	
Sprengeri, Plumosa Sprays		3 00@ 4 00
Boxwood, 25clb., per case		7 50
Wild Smilax..... per case,	\$6 00	
Winterberries, per case,	2 00@ 3 00	

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179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

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ZECH & MANN

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Telephone Central 3284



Trade Directory

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440 So. Dearborn Street,
CHICAGO.

Boxwood Sprays

50-lb. case - \$ 7.50
100-lb. case - 14.00

New Bronze Galax, per case, \$7.50. Lycopodium (Princess Pine), 100 lbs., \$10.00.

If you buy your Greens from us, you always get the full extent of your money's worth.

THE LEO NIESSEN CO.,

1201-5 Race St., Philadelphia, Pa.

Philadelphia.

FINE STOCK PLENTIFUL; LIGHT DEMAND.

According to the various reports about the market, from all sources, nothing much can be said about its profitable activity. The great bulk of the flowers are disposed of in various ways, but for very few are there any tangible returns, very few with figures that gladden the hearts of the growers, very few bringing prices, that months ago, were set down by the expectant men who were guarding and bringing forward their crops with such tender care. There is nothing the matter with the stock; it is O. K. in every respect, quantities of it—no better roses in all grades, carnations of superior quality, chrysanthemums galore, a wagon load ready for a buyer at a moment's notice, snapdragons, calendulas, mignonette, bouvardias, Easter lilies, lily of the valley, cattleyas, etc. Everything is in abundance, but no buyers, or at least, not one quarter enough to move the stock. Such has been the situation the past week; result, much loss to the growers and handlers of his products. As before stated in these columns, this condition of affairs could be helped and almost entirely avoided by proper and up-to-date business methods. A bargain is most appealing to many people. If the stock that has to be thrown out, brought only half regular prices, the growing and distributing branches of the business would benefit to that extent, and incidentally, a flower buying habit would be encouraged, and perhaps in time, become fixed and the stores secure many new patrons.

H. H. BATTLE'S NEW ADDITION.

Improvements and enlargements are still going on at the H. H. Battle's store. The "L" running out at the rear to Samson street, a three story building, which the tenant has just vacated, is to be entirely occupied. The first floor is being fitted up as the buying room, a miniature market in which there is more business done in supplying this one establishment than is handled by many of the wholesale houses. Select stock of any kind is sure of recognition and the top market price, a fact which secures, as they say in the movies, a first presentation. In the rear is a cold-storage room with a large skylight, but no cooling apparatus other than the outside temperature. The old buying room in the rear of the "Century shop," Mr. Battle's low priced store, is to be added to the facilities of that very busy place, a store in which, outside of holidays, as many as 1,000 separate daily sales have been made. His store proper is one of the most artistic and beautiful in the country. The very high ceiling has permitted of a mezzanine floor over the rear portion, which is reached by wide open stairs, with newel posts and railing, always handsomely decorated and which is a wonderfully effective feature. The walls to the right and left of the store, which is 25 feet in width are covered with mirrors, which reflect the elaborate decorations and displays of cut flowers, which are always features here. In a row of jars, wicker covered, on a shelf at the rear of the

CHRYSANTHEMUMS

LARGE FLOWERED AND POMPONS

IN CHOICEST VARIETY

Roses, Carnations, Orchids, Violets, and all other flowers in season.
Ferns, Galax, Magnolia Leaves, Asparagus, Adiantum, Etc.

H. G. BERNING,

WHOLESALE FLORIST

1402 PINE STREET,

ST. LOUIS, MO.

EDWARD REID

CHRYSANTHEMUMS OF QUALITY

ORCHIDS, VALLEY, HIGH GRADE ROSES

This is the exclusive shop, only one block from Express Depots.

1619-1621 Ranstead Street,

PHILADELPHIA, PA.

Wholesale Flower Markets

BUFFALO, Nov. 15.		Per 100
Beauty Special.....	20 00@25 00	
" Fancy.....	15 00@20 00	
Roses, Killarney.....	3 00@ 8 00	
" My Maryland.....	3 00@ 7 00	
" Sunburst.....	3 00@ 6 00	
" Ward.....	2 00@ 5 00	
" Ophelia.....	3 00@10 00	
" Russell.....	4 00@1 00	
" Stanley.....	4 00@ 8 00	
" Mock.....	3 00@ 7 00	
" Shawyer.....	3 00@ 8 00	
Lily of the Valley.....	6 00	
Lilies.....	12 00@15 00	
Cattleyas.....	40 00@50 00	
Carnations.....	2 00@ 3 00	
Pompoms.....	25@ 50	
Chrysanthemums.....	5 00@20 00	
Violets.....	50@ 60	
Asparagus Sprengeri... 35@ 50		
Ferns.....per 1000, 2 00		
Smilax.....	20 00	

CINCINNATI, Nov. 15.		Per 100
American Beauty, per doz.....	75@ 4 00	
Roses, Killarney.....	3 00@ 8 00	
" Mrs. Chas. Russell.....	6 00@10 00	
" My Maryland.....	2 00@ 8 00	
" Ophelia.....	4 00@10 00	
" Richmond.....	3 00@ 8 00	
" Sunburst.....	3 00@ 8 00	
" Taft.....	3 00@ 8 00	
Carnations.....	2 00@ 4 00	
Lilium Giganteum.....	10 00@12 50	
Lily of the Valley.....	6 00	
Orchids.....	7 50@ 9 00	
Chrysanthemum, doz. 75@3 00		
Asparagus Plumosus..per bch., 25c		

BOSTON, Nov. 15.		Per 100
Roses, Beauty.....	20 00@25 00	
" Killarney Queen.....	2 00@ 8 00	
" White and Pink Killarney.....	2 00@ 8 00	
" Double White Killarney.....	2 00@ 8 00	
" Killarney Brilliant.....	4 00@10 00	
" Hadley.....	4 00@10 00	
" Cardinal.....	2 00@ 8 00	
" Mock.....	6 00@12 00	
" Mrs. Chas. Russell.....	6 00@12 00	
" Sunburst.....	6 00@12 00	
" Taft.....	2 00@ 8 00	
" Milady.....	2 00@ 6 00	
" Ward and Hillingdon.....	2 00@ 8 00	
" My Maryland.....	50@ 5 00	
Cattleyas.....	50 00@75 00	
Lily of the Valley.....	4 00@ 5 00	
Sweet Peas.....	50@ 1 00	
Carnations.....	1 00@ 2 00	
select.....	2 00@ 3 00	
Chrysanthemums.....	5 00@16 00	

WELCH BROS. CO.

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Cut Flower Market

262B DEVONSHIRE STREET,
BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 a. m.

Mention the American Florist when writing

BERGER BROS.

Central Market

ROSES, ORCHIDS, VALLEY

Choice Early Chrysanthemums
Always high grade Easter Lilies

1225 Race St., Philadelphia, Pa.

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CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., Milwaukee, Wis.

Wholesalers and Growers of
**Choice Cut Flowers
and Greens**

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower ship-
pers in MINNEAPOLIS. Let us sup-
ply your wants. If it is on the mar-
ket we can furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

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H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
in Kansas City. If on the market, we
have it. Get our prices and we will fill
your orders. Satisfaction guaranteed.

1016-1018 McGee Street

Kansas City, Mo.

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Extra Quality Pink and White Killar-
ney, Richmonds, American Beauties,
Fancy Carnations, Yellow Daisies,
Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

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116-118 Seventh St., Pittsburgh, Pa.

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FLORIST**

Always Seasonable Flowers
Orchids, Valley, Roses, Easter Lilies,
Best Early Chrysanthemums.

Unexcelled Opening for Carnation Consignors
for the Coming Season.

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Philadelphia Wholesale Florists' Exchange

High Grade Roses, Gladioli, Asters, Easter Lilies
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Up-to-the-Minute Service. Satisfaction Guaranteed.

WANTED—A consignor with 25 bunches Asparagus a day.

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Fancy Ferns

Special Picked. Leave Your
Regular Orders with Us.

Lily of the Valley and Orchids, Chrysanthemums, Lilies,
Fancy Roses and Carnations.

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1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Nov. 15.		Per 100
Roses, Beauty, special	25	00@30 00
" " fancy	16	00@20 00
" " extra	12	00@15 00
" " shorter grades	6	00@10 00
" Mrs. Chas. Russell	3	00@15 00
" Prima Donna	3	00@15 00
" Killarney	2	00@6 00
" White Killarney	2	00@6 00
" Liberty	2	00@6 00
" Hadley	4	00@12 00
" Sunburst	3	00@6 00
" Ophelia	3	00@8 00
" Hoosier Beauty	4	00@6 00
Carnations	1	00@2 00
Cattleyas.....each, \$0 40@	50	
Lilium Longiflorum	8	00@10 00
Valley	4	00@6 00
Chrysanthemums	6	00@20 00
Calendulas	2	00@4 00
Daisies, yellow	1	00@3 00
" white	1	00@3 00
Violets, single	50	@ 75
" double	50	@ 75

PITTSBURGH, Nov. 15.		Per 100
Roses, Beauty, special	25	00
" " fancy	2	@ 10
" " extra	15	00
" " No. 1	8	00
" Killarney	2	00@6 00
" My Maryland	2	00@6 00
" Sunburst	2	00@6 00
" Mrs. Aaron Ward	2	00@5 00
Cattleyas	40	00
Lilium Giganteum	8	00
Carnations	2	00
Lily of the Valley	6	@ 00
Yellow Daisies	1	00@2 00
Chrysanthemums doz., 1 00@	3	00
Snappdragons	4	00
Adiantum	1	25
Asparagus Sprenger, per bunch,	35	@40

MILWAUKEE, Nov. 15.		Per 100
Roses, Killarney and W. Killarney	3	00@8 00
" " Ward	3	00@8 00
" Mrs. Chas. Russell	00	@20 00
" Ophelia	00	@8 00
" Hoosier Beauty	3	00@10 00
Lilies	12	50@15 00
Cattleyas.....per doz., 6 00		
Carnations	2	00@4 00
Rubrum	4	00
Valley	4	00
Chrysanthemums	75	@3 00
Pompons.....per bunch, 35@	50	
Violets	75	@1 00

DAVID WELCH

EDWARD J. WELCH

WELCHS' WHOLESALE AND COMMISSION FLORISTS

FLORISTS' SUPPLIES

280 and 282 Devonshire St.,
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Consignments of Beauties, Lilies of the Valley,
Orchids and all other flowers received daily.

Telephone—Court Hill 2964, 2965.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

ST. LOUIS, Nov. 15.		Per 100
Beauty, Special	5	00 per doz.
" " Fancy	4	00
" " Extra	3	00
" " No 1	2	00
" " No 2	1	50
" Short		8 00
Hadley	4	00@8 00
Killarney	3	00@6 00
Hoosier Beauty	4	00@8 00
Richmond	4	00@8 00
Sunburst	3	00@8 00
Ward	2	00@5 00
Mrs. Shawyer	6	00@15 00
Mrs. Russell	6	00@15 00
Ophelia	3	00@8 00
Carnations	1	50@2 50
Valley	4	00@6 00
Lilies		10 00
Orchids	5	00@6 00
Ferns	per 1000,	1 75

Bulbs--Boxwood--Nursery Stock

Sales at Auction Every Monday and Thursday at 10 a. m

Note Sales Days--MONDAY and THURSDAY.

JOHNSON & MILLANG, Inc.

Consignments Solicited.

10,000 Square Feet Devoted to Our Auction Business.

Coogan Bldg., 55-57 W. 26th St., NEW YORK
Under Cut Flower Exchange

Write for Catalogue. Ask for Prices.

counter, is kept a stock of the choicest roses and other flowers, always conveniently placed to show to customers. The ordinary florists' ice box is conspicuous by its absence, a piece of store furniture that Mr. Battles has always tabooed. His are always flowers of the day, fresh, without thought of ice, sure to give the best of their short lives to the purchaser. A long, low table is filled with made-up work in color effects. An orange colored basket, filled with brilliant orange calendulas and tied with a shaded iridescent orange ribbon, was very artistic. Large and small colonial bunches of rosebuds, lily of the valley and other small flowers with appropriate ribbons and laces are sure to bring forth feminine adjectives of admiration. Vases of flowers, large and small, that stood about on tables and pedestals and on the stairway to give tonal color effects, were admirably supported by the permanent fixtures and decorative features of the store. The mezzanine floor or gallery contains a large stock of choice vases, a duplicate in miniature of the great collection of the vase shop, which had to be curtailed for want of room. The cashier's desk and office for handling orders is under the gallery. Several enclosed plate glass booths for telephones are for the free use of customers. Elite directories of all the large cities of the country are on file, and kept up-to-date, so as to verify addresses. The shipping and receiving department in the rear is most complete, nothing coming in or going out of the front of the store. The upper floors of the third and fourth stories are full of busy workers. Mr. Battle's office, and that of the general book-keepers, are on part of the second floor. A telephone exchange on the third floor, with nine trunk lines on the Bell and five on the Keystone, keeps an operator busy. All the other rooms are used by young women and men, many of them busy working up Christmas wreaths and other things, in preparedness for the holiday trade. A large stock of accessories indispensable to a business of this size, will be kept on the upper floors of the Sansom street building as soon as alterations are completed. The Century Shop is worthy of a chapter to itself and will follow later. Altogether, there are over 80 employees in active service here all the time and largely augmented at holidays.

NOTES.

At the recent flower show none of the Commercial chrysanthemum growers, rose growers or carnation specialists were seen in the entry lists. Not a single or even plural retail firm had exhibits of any kind. What is the matter? Who can tell?

A number of out-of-town florists are ordering their Christmas stock, baskets, etc., from H. Bayersdorfer & Co., "taking time by the forelock", says Mr. Berkowitz. Their new fall folder has brought them many orders.

The Philadelphia Cut Flower Co. is handling first class carnations from the Leiker nurseries. Choice chrysanthemums and Ophelia roses are noteworthy.

The Philadelphia Wholesale Florists' Exchange added a Ford car the past

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York.

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers.

week. This is No. 2 on their list. Splendid Shawyer roses are seen here.

A very large stock of first class flowers, but little appreciation by retailers, is the burden they had to carry last week at Berger Brother's market.

We noticed some splendid marigold chrysanthemums at the Leo Neissen Co. They were from W. & H. F. Evans' Rowlandville nurseries.

Edward Reid's shop is crowded to the doors. Milady roses and fancy chrysanthemums are features.

Splendid Bonnaffons and choice single violets were features of the Stuart Miller stock the past week.

K.

New York.

LITTLE CHANGE IN MARKET CONDITIONS.

There has not been any noticeable change in market conditions during the past week. If anything, the situation seems more acute. Shipments of chrysanthemums do not decline but indications now point to a more moderate supply in the near future and that the worst period has passed. The fact remains somewhat in their favor that they have brought a fair average price, considering the large number marketed. With the exception of American Beauty and Hadley of fine quality, the rose situation shows no improvement. This is also true of carnations, but it seems safe to predict that a change for the better is near at hand. Long stemmed calendulas are meeting with a good demand, which is more than can be said for Paper Whites. Snapdragons, bouvardias and lilies are neglected. A limited supply of cattleyas and gardenias are selling at good prices and violets show better returns.

NOTES.

The trade in this city were pained to hear of the death of Fred W. Vick, of Rochester, N. Y., which occurred November 12. Funeral services were held November 15.

Visitors: E. H. Mann, of the E. G. Hill Co., Richmond, Ind.; Jas. Mitchell, Houston, Tex.; Paul Berkowitz, Philadelphia, Pa., and Patrick Welch, Boston, Mass.



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Wholesale Florists

Have twenty-two years' experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

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64 West 26th St., NEW YORK
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20 years experience
Consignments Solicited and Prompt RETURNS GUARANTEED.

Nippon Garden, Inc.

Successors to Satow & Suzuki.

259 Fifth Avenue, NEW YORK

Greenhouses: Woodside, L. I.

Telephone: Madison Square 8950.

We are headquarters for Japanese Miniature Gardens. Fern Dishes, Vases, Flower Pots, Jardinières and Dwarf Plants. A great stock of Fern Monkeys and Fern Balls.

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 Successors to Badgley, Riedel & Meyer.
 Phones { 1664 } Madison Square, **34 W. 28th St., New York**
 { 1665 }
 Receivers and Distributors of
CHOICEST CUT FLOWERS

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25 YEARS EXPERIENCE **CONSIGNMENTS SOLICITED**
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Wholesale Commission Florist
Consignments Solicited
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 Telephone No. 2264 Farragut.

Walter F. Sheridan
Wholesale Florist
 Telephone Call:
 3532-3533 Farragut **133 W. 28th St., New York**
All the NEW ROSES, CARNATIONS and
Seasonable Flowers.

HORACE E. FROMENT
WHOLESALE COMMISSION
All the New and Standard Varieties of Roses,
Violets, Carnations, Valley, Lilies, Etc.
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WHOLESALE FLORISTS
The Right People to Deal With.
102 West 28th St., New York
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Wholesale Flower Markets

NEW YORK, Nov. 15.		Per 100
Roses, Beauty, special.....	15	00@25 00
" extra and fancy....	10	00@12 00
" No 1 and No 2....	6	00@ 8 00
Prima Donna.....	4	00@12 06
Alice Stanley.....		50@ 5 00
Francis Scott Key.....	4	00@15 00
Mrs Geo. Sawyer.....		50@ 5 00
Double White Killarney.....		50@ 5 00
Killarney, My Maryland.....		4 00
" Special.....	3	00@
" No 1 and No 2.....	50	@ 1 00
" Queen.....	1	00@ 5 00
" Brilliant.....	50	@ 5 00
Aaron Ward.....	1	00@ 6 00
Richmond.....		50@ 5 00
Sunburst.....		50@ 5 00
Taft.....		50@ 5 00
J L Mock.....	1	00@ 6 00
Opheila.....		50@ 5 00
Mrs. Chas. Russell.....	1	00@ 8 00
Cleveland.....		75@ 6 00
Hadley.....	2	00@20 00
Hoosier Beauty.....		50@ 5 00
Cattleya Orchids, special.....each,		40@ 35
inferior grades.....		25@ 35
Bouvardia.....	2	00@ 4 00
Rubrum.....	3	00@ 4 00
Lilies, Longiflorum and Harrisii.....	3	00@ 4 00
Lily of the Valley.....	4	00@ 4 00
Carnations.....		75@ 2 00
Chrysanthemums.....per doz.		75@ 2 00
Novelties, per doz.		4 00
Gardenias.....per doz.		75@ 3 00
Sweet Peas.....	1	00@ 1 25
Snapdragons.....	2	00@ 3 00
Violets.....		20@ 35
Paper White Narcissus.....	2	00@ 3 00
Adiantum Croweanum and		
Hybridum.....		50@ 75
Asparagus Plumosus.....doz. bchs.	2	50@ 3 00
Smilax.....doz. strings,	1	00@ 1 25

United Cut Flower Co., Inc.

WHOLESALE
111 West 28th St., New York
 Telephones: Farragut { 4422
 { 4423
Mention the American Florist when writing.

HOUSE OF FERNS

Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Manus A Specialty.
RETTA E. RANKIN, Manager.
Mention the American Florist when writing.

Frank H. Traendly Charles Schenck
Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Farragut.
Orchids, Roses, Carnations and all the other
best products of the leading growers.
Consignments solicited.

WM. KESSLER,
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CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange

Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.

Desirable well space to rent for advertising.

V. S. DORVAL, Secretary.

The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
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 Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK

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WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.

M. C. Ford

121 WEST 28th STREET
NEW YORK
 Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the
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 Telephone, Madison Square 5296.

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Congress Hotel Annex

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Send your Thanksgiving orders that require filling here and the vicinity of

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to us. **Tried, Tested and Proven.** "Nary" a complaint in 22 years from an out of town patron.

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Advantageously Located for Quick Deliveries.

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Original Decorations a Specialty.

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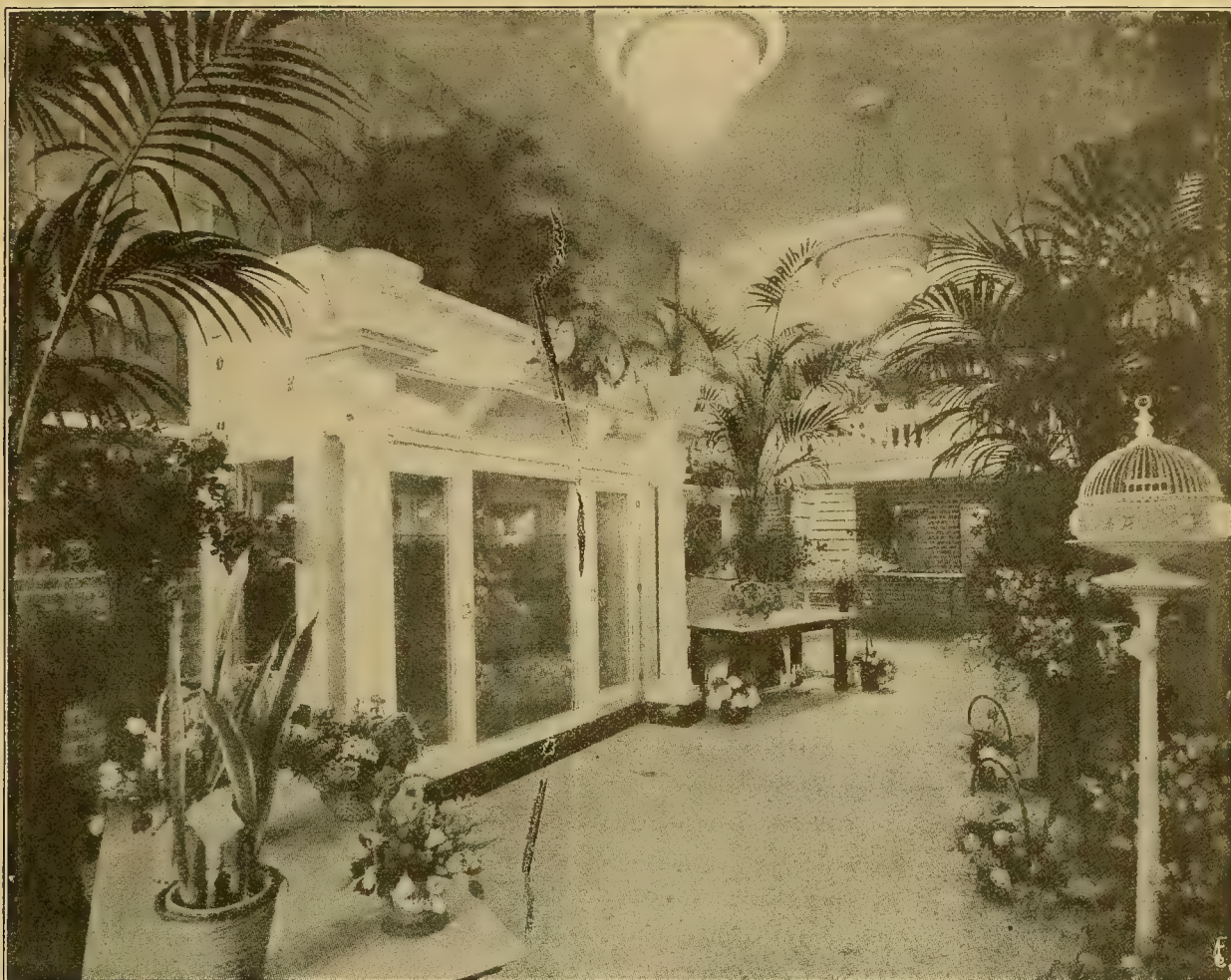
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Flower Shops: 50 E. Main St., Amsterdam, N. Y.
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We solicit telegraph orders. Regular trade discount.
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Archias Floral Co., Sedalia, Mo.
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Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Briggs Floral Co., Chicago.
Brooklyn Cut Flower Market, Brooklyn, N. Y.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Callahan, M. J., Philadelphia, Pa.
Central Floral Co., Chicago, Ill.
Central Floral Co., Detroit, Mich.
Clarke's Sons, David, New York.
Comley, Henry R., 6 Park St., Boston, Mass.
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Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyles, 106 State St., Albany, N. Y.
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Fox, J. M. & Son, Inc., Milwaukee, Wis.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Grimm & Gory, St. Louis, Mo.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Hatcher, John C., Schenectady, N. Y.
Heinl & Sons, J. G., Terre Haute, Ind.
Hencie, Miles S., Syracuse, N. Y.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Higgins, N. F., Springfield, Mass.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Howard & Smith, Los Angeles, Calif.
Huscroft's Flower Shop, Steubenville, O.
Johnston & Co., T. J., Providence, R. I.
Joseph's, 233-235 Grant Ave., San Francisco.
Joy Floral Co., Nashville, Tenn.
Keller Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Laug Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Lehorius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia, Pa.
Mangel, Chicago.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
McMurray, D. M., Pueblo, Colo.
Metairie Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J. & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Pearson, E. W., Newburyport, Mass.
Penn, The Florist, Boston, Mass.
Philips Bros., Newark, N. J.
Pikes Peak Flor. Co., Colorado Springs, Colo.
Polista & Baldoche, San Francisco.
Potter Floral Co., El Paso, Tex.
Pyfer & Olsem, Wilmette, Ill.
Randall's Flower Shop, Worcester, Mass.
Randolph & McClements, Pittsburgh, Pa.
Renter's, New London and Norwich, Conn.
Renter's, Westerly, R. I.
Robbins, F. A., Augusta, Me.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Schmidt, Chas. L., Harrisburg, Pa.
Sekeuger, Adam, Bangor, Me.
Seki Bros. & Co., Los Angeles, Calif.
Smith & Fettes Co., Cleveland, O.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Van Meter Flower Shop, Springfield, O.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
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High Grade Cut Blooms

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Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

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Orders Carefully Executed

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All Orders Promptly Executed

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The Smith & Feters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Friedman

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St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery
in this section from the

LEADING FLORISTS OF THE NORTHWEST

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FOSTER
LORIST**

703 Olive St., St. Louis, Mo.

CHARLES L. SCHMIDT

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Night and day service in all Central Pennsylvania.

E. W. PEARSON

47 State St., NEWBURYPORT, MASS.,

Covers all New England points.

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Michigan.

Orders will be carefully
cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS

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Member of Florists' Telegraph Delivery.

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Special attention given to telegraph and mail orders for delivery in either city and adjoining territory. Both of our stores are located in the heart of each city, which means quick and efficient service to theatres, hotels, depots, etc. Our Chicago store is located opposite Marshall Field & Co.'s retail establishment and one block from the Great Central Cut Flower Market.

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"Some Florist"

The Plaza, Ft. Smith, Ark

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DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great
Northwest. Daily deliveries to Superior, Wis'

Mention the American Florist when writing

Indianapolis.

MARKET BADLY OVERSTOCKED.

The predicted glut of last week is now a reality, principally attributed to the extremely warm, bright weather. The market is crowded with roses, carnations and chrysanthemums, against which sweet peas, violets, snapdragons, orchids and lily of the valley are trying to hold a place. As it is chrysanthemum season, they, of course, have prestige, causing all the stock to be sold at sharp concessions. The demand is rather satisfactory, but not sufficient to move this abundance. A great deal of sickness improves counter trade, but funeral work is not above par.

NOTES.

Baur & Steinkamp are of the opinion that the large flowering types of chrysanthemums have been in better demand this season than in previous years. They have a great number of their new carnation, Merry Christmas, propagated, and are now starting on their commercial varieties.

Bertermann Bros. Co. have been obtaining exceptionally fine pink snapdragons from their Cumberland greenhouses. They have been very busy lately decorating for parties, weddings, etc., and making winter window boxes.

The local store of the E. G. Hill Co. is planning an elaborate and effective chrysanthemum show, November 16-17. Miss Grace Brown, of Bloomfield, has recently taken a position with this firm.

Albert Stanley has been planting out a great number of hardy shrubs throughout the city. He also has a good line of evergreens for winter window boxes.

Although prospects for a good Thanksgiving crop are poor, it is prophesied that the supply for Christmas will be good.

Wm. Smith, recently with A. Wiegand & Sons Co., is now with the Kemble Floral Co., Mason City, Iowa.

Henry W. Rieman has some beautiful new pompon seedlings.

Visitors: E. C. Roberts, Zanesville, O.; C. W. Johnson, Chicago.

M. E. T.

**KANSAS CITY,
MISSOURI.**

*Rock's
FLOWERS*

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Angel
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Palmer House
Florist
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and Retail
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Will fill orders for the West on short notice
Trade discounts. First-class stock.

Send Telegraph, Telephone or Mail Order
for florist service in this vicinity to

THE DOMINION FLORAL CO.

484 St. Catherine's St., West

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Every order receives prompt and careful attention

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NEAR GARFIELD PARK

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For Wisconsin Delivery

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"Home Grown Flowers"

Get in touch with

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Member of Florists' Telegraph Delivery.



**WASHINGTON
D. C.**

Gudes'

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TERRE HAUTE, IND.

THINK OF HEINL'S

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Send your orders for Chicago and Suburbs to



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BROOKLYN'S LARGEST FLORIST
SEVEN STORES

Main store—334 Lewis Ave., No. 1150 Bedford
Telephone
Telegraph orders delivered to all parts of New York City,
Brooklyn and Long Island.

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Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heini)

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Both Phones, 527.

Special attention to Mail and Telegraph Orders

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FLORISTS**

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Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City

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Seventeen large Greenhouses. Deliveries everywhere in Minnesota. Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

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**Robt C. Kerr
Floral Co.**

Main and McKinney Phone, Preston 160

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyes, 106 State St.
Amsterdam, N. Y.—John C. Hatcher.
Augusta, Me.—Robbins, F. A., 122 Winthrop St.
Bangor, Me.—Sekenger, Adam, 32 Newbury St.
Boston, Mass.—Comley, Henry R.
Boston, Mass.—Thos. F. Galvin, Inc.
Boston, Mass.—Penn. The Florist.
Brooklyn, N. Y.—Brooklyn Cut Flower Market.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Briggs Floral Co.
Chicago—Central Floral Co., 132 N. State St.
Chicago—Friedman, 522 S. Michigan Blvd.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder, 3343 W. Madison St.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel, 17 E. Monroe St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fettes Co.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews, the Florist.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alfred Lozier Rosery.
Des Moines, Ia.—J. S. Wilson Floral Co.
Detroit, Mich.—Central Floral Co., 35 Broadway.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. LeBORIOUS.
El Paso, Texas—Potter Floral Co.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Harrisburg, Pa.—Charles L. Schmidt.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Paley.
Los Angeles, Calif.—Howard & Smith.
Los Angeles, Calif.—Seki Bros. & Co.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Milwaukee, Wis.—J. M. Fox & Son, Inc.
Montreal, Quebec—The Dominion Floral Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
Newburyport, Mass.—E. W. Pearson.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Henry Hart, Inc.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia, Pa.—M. J. Callahan.
Philadelphia—The London Flower Shop, Ltd.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Providence, R. I.—T. J. Johnston & Co.
Pueblo, Colo.—McMurray, D. M.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Schenectady, N. Y.—John C. Hatcher.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Foster, Fred.
St. Louis, Mo.—Grimm & Gorly.
St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Joseph's, 233-35 Grant Ave.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Springfield, O.—Van Meter Flower Shop.
Springfield, Mass.—N. F. Higgins.
Steubenville, O.—Huscroft's Flower Shop.
Syracuse, N. Y.—Miles S. Hencle.
Terre Haute, Ind.—J. G. Heini & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Wilmette, Ill.—Pyfer & Olsem.
Williamsport, Pa.—Eveland Bros. Co.
Worcester, Mass.—Randall's Flower Shop.

Chicago.

BRIGGS FLORAL CO.

228 W. Madison St.
801 Sheridan Road.

Special attention paid to telegraph orders in Chicago and vicinity. One of our stores is located in the heart of the city and the other in the select north side residential district.

Mention the American Florist when writing.

Los Angeles, Calif.

SEKI-BROS. & CO.

Wholesale and Retail Florists

We grow All kinds of Decoration
our own flowers a Specialty

Phone A-2550 229 W. 4th Street

Mention the American Florist when writing.

PYFER & OLSEM

WILMETTE, ILLINOIS

Careful attention to all mail or telegraph orders for delivery in Wilmette—Chicago's North Shore Suburb—Evanston, Kenilworth, Winnetka, Glencoe, Lake Forest.

Mention the American Florist when writing.

New York.

Established 1849

David Clarke's Sons

2139 2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

Mention the American Florist when writing.

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most carefully executed.

Mention the American Florist when writing.

Kansas City, Mo.

**A. Newell
FLORIST**

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Mention the American Florist when writing.

Lang Floral & Nursery Co., Dallas, Texas

1303 Main Street

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

Mention the American Florist when writing.

Sedalia, Missouri.

Archias Floral Co.

Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing.

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President; F. W. Belgiano, Washington, D. C., First Vice-President; L. L. Olds, Madison, Wis., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fifth annual convention, June, 1917.

DUTCH lily of the valley is coming forward.

MANGEL and beet seeds are sure to be wanted.

GLADIOLUS COLVILLEI and Spanish Iris are three weeks late.

BIG prices for garden beans are again predicted, \$12 to \$18 per bushel having been mentioned.

OLD wrinkled garden peas have been selling for eating purposes at higher than contract rates.

WESTERN trade in bulbs is holding up well, notwithstanding the 12-degree-above-zero weather November 14.

CHICAGO.—Prices for grass seed on the Board of Trade, November 15, were as follows: Timothy, \$4.00 to \$5.75 per 100 pounds.

WAR-TIME CONTRACTS.—Hurst & Son, London, Eng., accept advance orders under the following conditions: "We will deliver at the usual time unless war, blockade, revolution, prohibition of export, riot or civil commotion or force majeure prevent us being able to do so, and in such a case this order, or any unfulfilled part to be cancelled and no claim to be made."

CHAS. M. JACKMAN, of Vaughan's Seed Store, it is believed, is held as a civil prisoner in Belgium. Mr. Jackman was returning home on the Dutch mail S. S. Kofingen Regentes. This steamer was held up by a German submarine last week and taken to Zeebrugge. Several Americans were released and permitted to return to Holland, but it is thought Mr. Jackman has been detained, being a British subject.

EUROPEAN GRASS SEEDS—Barenburg, Burgers & Co., of Arnhem, Holland, write October 17: "Apart from the fact that we are not yet ready with our new seeds, owing to a very backward season, it would be useless to make you an offer as we have strict and absolute prohibition of the export of all grasses since August 1 of this year. All efforts to have this prohibition revoked, or to get special permission for certain varieties, have been refused so far."

VISITED CHICAGO: A. J. Brown, of the A. J. Brown Seed Co., Grand Rapids, Mich.; A. T. Ferrell of the A. T. Ferrell Co., Saginaw, Mich.; J. W. Edmundson, representing the California Seed Growers' Association, San Jose, Calif.; J. G. Peppard, Jr., of the J. G. Peppard Seed Co., Kansas City, Mo.; Theodore Cobb, of D. M. Ferry & Co., Detroit, Mich.; Wm. C. Langbridge, of the Jerome B. Rice Seed Co., Cambridge, N. Y.; A. L. Rogers of Rogers Bros., Alpena, Mich.; C. N. Keeney, of N. B. Keeney & Son, Leroy, N. Y.

Holly and Green.

Four to six inches of snow in the Wisconsin woods November 13 gave the green situation quite a serious aspect and record prices may be expected, both for bulk stock and for wreathing, as that depth of snow in the deep woods is not likely to fade away. Present prospects are for about one-half the usual output.

Little definite is known thus far about the holly situation. The outlook is that fancy stock will be scarce and require a long freight haul.

Beet Sugar Production.

Washington, D. C., November 10.—This season's beet sugar production in the United States was the largest ever recorded. Sugar beet acreage and tonnage of beets harvested made a record. Preliminary returns from nearly all operating beet sugar factories announced today by the department of agriculture places production at 918,000 tons, the acreage at 680,000 and beets used for sugar 6,671,000 tons. Beet sugar production this year exceeds the record by 44,600 tons.

In the last five years this country has consumed an average of 4,000,000 tons of sugar annually.

Northrup, King & Co. Share Profits.

Northrup, King & Co., Minneapolis, Minn., recently made known to their employees a profit sharing dividend plan, affecting at present about 150 people.

This dividend is awarded on the basis of net earnings of the company for the fiscal year closing July 1, relative proportion of the salary of each individual and length of continuous service. At the time the announcement was made, checks were handed to all those who were entitled to them for the year ending July 1 last.

The plan was put in operation to bring about a greater degree of individual co-operation, to increase efficiency and to encourage thrift. If the plan works out as well as is anticipated, it is expected that it will be continued in the future on the same liberal basis as first announced.

Wisconsin Cannery.

The annual meeting of the Wisconsin Cannery was held at Milwaukee this week, the seed trade being represented by A. J. Brown, of the A. J. Brown Seed Co., Grand Rapids, Mich.; Theodore Cobb, of D. M. & Ferry Co., Detroit, Mich.; A. Guttman, of the Manitowoc Seed Co., Manitowoc, Wis.; A. Ringier, of the W. W. Barnard Co.,

Chicago; Chas. P. Guelph and Wm. C. Langbridge, of the Jerome B. Rice Seed Co., Cambridge, N. Y.; W. B. Lucas, Ernest Gonzenbach and D. D. Rowlands, of the John H. Allan Seed Co., Sheboygan, Wis.; A. L. Rogers, of Rogers Bros., Alpena, Mich.; C. N. Keeney, of N. B. Keeney & Son, Leroy, N. Y.; F. C. Woodruff, of S. D. Woodruff & Son, Orange, Conn.; John C. Leonard, W. A. Hoisington, S. F. Leonard, of the Leonard Seed Co., Chicago; Alex Mathers, of the Everett B. Clark Seed Co., Milford, Conn.; W. A. Davis, of the Wm. A. Davis Seed Co., Bozeman, Mont.; J. F. Geary, Leonard Seed Co., Columbus, Wis.; A. T. Ferrell, of A. T. Ferrell & Co., Detroit, Mich.

The Bean Crop.

GOVERNMENT REPORT FOR NOVEMBER.

The five important bean states, Michigan, New York, California, Colorado, and New Mexico, report this year a total production of 9,924,000 bushels against 10,278,000 last year, which was also a year of short bean production. This result is due almost wholly to the unfavorable outturn in Michigan and New York. In both of these states a late, cold, wet spring interfered with planting and was followed by extreme heat during the growing period, limiting the growth and blasting the blossoms. Early frosts caught considerable portions of the late crop, which had been improving under the influence of late rains. The outturn in these two states was so poor that many fields were not harvested even in view of the exceptional price being paid for beans. Happily, the quality of the crop is much higher than last year, when beans suffered exceedingly in these two states from fungus diseases induced by the wet growing season.

The crop in California suffered some damage from an October storm, but the harm is now found to be less than was at first feared.

Seed Disclaimer Resolution.

The following resolution was unanimously adopted at the annual convention of the American Seed Trade Association, held at Chicago, June 20-22, 1916:

Resolved, That this association is opposed to any legislation affecting the germination of seeds, nullifying the disclaimer, or interfering with interstate commerce.

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids,

Mich.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Lilium Harrisii BULBS

	Per 100	Per 1000
5 in. to 7 in.....	\$ 4.50	\$36.00
7 in. to 9 in.....	8.00	72.00

PAPER WHITE NARCISSUS GRANDIFLORUS

Prices on application.

WE OFFER TO FLORISTS
A CHOICE SELECTION OF
HYACINTHS, TULIPS, Etc.,
FOR FORCING OR
OUTDOOR PLANTING.

Send us a list of your requirements and
we will give you attractive
special prices.

J. M. THORBURN & CO.
53 Barclay Street, through to 54 Park Place
NEW YORK CITY.

S. M. Isbell & Co.

JACKSON, MICH.

Contract Seed Growers

Beans, Cucumbers, Muskmelon,
Watermelon, Squash, Sweet Corn.

Michigan-grown Radish our Specialty.
Correspondence Solicited.

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Bulbs for Present Planting

HYACINTHS

First Size—L'Innocence, Albertine, Grand Maitre, Gertrude,
Gigantea, King of Blues.....\$4.25 per 100
Second Size—Named variety.....\$28.00 per 1000

NARCISSUS

	Per 1000
Emperor, M. B.....	\$17.50
" 1st size.....	12.00
Empress, M. B.....	17.50
" 1st size.....	12.00
Victoria Bic., M. B.....	19.00
" 1st size.....	13.00

CROCUS

	Per 1000
Named variety.....	\$7.50
Mixed.....	4.00

Giganteum Lilies

	Per case
7- 9, 300 to case.....	\$15.00
9-10, 200 to case.....	20.00

Complete Line of Tulips—Single, Double and Darwin.

WRITE FOR TRADE PRICE LIST.

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"

411-413 Washington Ave.,

St. Louis, Mo.

Asparagus Plumosus Nanus

Greenhouse Grown Seed

1,000 Seeds, \$3.50 10,000 Seeds, \$32.50

Californian Grown Seed

1,000 Seeds, \$2.50 10,000 Seeds, \$22.50

5 per cent discount, Cash with order.

ARTHUR T. BODDINGTON CO., Inc.

128 Chambers Street,

NEW YORK.

Kentia Seeds

New Crop--Just Arrived.

KENTIA BELMOREANA KENTIA FORSTERIANA
COCOS WEDDELIANA

WRITE FOR IMPORT PRICES, STATING QUANTITY REQUIRED.

McHUTCHISON & CO.,

THE
IMPORT HOUSE

95 Chambers St., NEW YORK

BEANS, PEAS, RADISH

AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write or prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St.,

Telephone Main 2762.

CHICAGO

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT,

NEBRASKA

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc.
Moorestown, New Jersey

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED
Bloomdale Farm. **Bristol, Pa.**

Mention the American Florist when writing

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.
CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds **Baltimore, Md.**

American Bulb Co.

A. Miller, President.

WHOLESALE DEALERS IN

Bulbs, Seeds, Supplies, Etc.

178 N. Wabash Ave., Chicago, Ill.

THE J.C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Contract Seed Growers

Specialties: Pepper, Egg plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

My New PRICE LIST of

Winter Orchid-Flowering Sweet Pea Seed

Has been mailed. If you have not received a
copy, send Postal for it.

Part of new crop is ready now.

Ant. C. Zvolanek, Lompoc, Calif.

GARDEN SEED

Beet, Sweet, Corn, Garden Beans, Onion Sets,
and Seed Potatoes in variety. Also other items
of the short crop of this past season, as well as
a full line of Garden Seeds, will be quoted you upon
application to

S. D. WOODRUFF & SONS, 82 Day St., NEW YORK
and Orange, Conn.

MICHELL'S BULBS

We have just received several late shipments
of bulbs, all in fine condition.

HYACINTHS

First Size Named. Single and Double.
Second Size Named. Single.
Third Size Named. Single.

TULIPS

Single Early, Double Early, Cottage Garden
and Darwin. In named varieties and mixtures

NARCISSUS

Single and Double. A large variety.

LILIUM FORMOSUM

Green Stem Type. For early flowering.
Dark Stem Type. For Easter Blooming.

Lil. Longiflorum Giganteum
L. Longiflorum Multiflorum

Write us your requirements on any of above
or any other Seasonable Bulbs.



Our Wholesale Catalog of Bulbs,
Seeds and Florists' Supplies free

Henry F. Michell Co., 518 Market Street **Philadelphia, Pa.**

Mention the American Florist when writing.

KELWAY'S

SEEDS-- Flower, Vegetable and Farm

For present delivery or on contract. Wholesale only.

Special quotations for next season and
from 1917 harvest now ready.

Langport, - England.

Mention the American Florist when writing.

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed
and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
Solicited.

SWEDESBORO, N. J.

Grass Mixtures

— FOR —

Golf-Tennis-Polo

MEET ALL REQUIREMENTS FOR ALL SOILS

The Albert Dickinson Co.,
CHICAGO, ILL.

The L. D. Waller Seed Co.

Gaudalupe, California

Wholesale Growers of

**FLOWER SEEDS, SWEET
PEAS AND NASTURTIUMS**

Correspondence Solicited.

BRUNNINGS

Now contracting for Beans and Peas
for 1917, 1916 stocks being exhausted.

AUSTRALIAN BROWN ONION

1915-1916 crop seed still available

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Asters,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

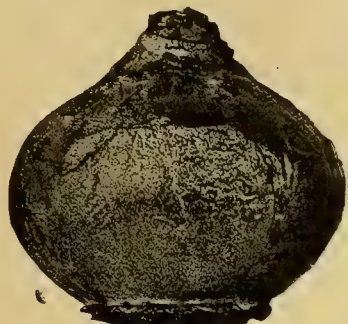
Mention the American Florist when writing.

For Indoors or Outdoors--Do it Now

HYACINTHS---Dutch Romans.

Just the thing to grow for your EASTER SALES.

Named Varieties. Extra Selected Bulbs, per 1000.....\$12.50



HYACINTHS Per 1000
 Hyacinths Named, 1st size, our selection.....\$42.00
 Hyacinths Named, 2nd size, our selection..... 30.00
 Miniature, our selection..... 12.50
 Mooy's Christmas Pink Hyacinth..... 38.00

NARCISSUS Per 1000
 Soleil d' Or, Early.....\$25.00
 French Trumpet Major (1750 bulbs to the case).. 13.00
 Victoria (Bicolor), mother Bulbs..... 20.00
 Select Size..... 11.00

NARCISSUS PAPER WHITE GRANDIFLORA—
 14 ctm. and up..... 14.50
 13 ctm. and up..... 11.00

"JOSS LILIES" CHINESE NARCISSUS—
 Per mat (120 bulbs).....\$5.50 at Chicag



TULIPS—Early Single Named

Less 10 PER CENT In Full 1000 Lots.

Per 1000		Per 1000		Per 1000
La Reine.....\$ 7.00	Rose Gris de Lin.....\$ 7.50	Duchess de Parma.....\$ 9.50		
Artus..... 6.50	Yellow Prince..... 8.65	MURILLO (double)..... 10.00		
L'Immaculee..... 8.50	Couleur Cardinal..... 14.50	Fine Mixed Single..... 6.00		

TULIPS—Darwin and Cottage

Less 10 PER CENT In Full 1000 Lots.

Per 1000		Per 1000		Per 1000
GESNERIANA SPATHULATA, scarlet \$ 8.50	FLAMBEAU, Scarlet.....\$11.50	EUROPE, Salmon-Scarlet.....\$15.00		
MAD. KRELAGE, Rose..... 13.00	REV. H. EWBANK, Lilac..... 14.00	SULTAN, Maroon-Black..... 10.00		
Bouton d'Or, Yellow..... 8.50	NAUTICUS, Cerise..... 11.00	MARGARET..... 9.00		
Emerald Gem, Terra-Cotta..... 24.00	Inglescomb Scarlet..... 16.00	Maiden's Blush..... 9.50		
Bizards—Mixed..... 9.00	Isabella, Pink..... 8.00	Parisian White..... 12.00		

Lilium Formosum

Per 1000
 6 to 8-inch, (350 to case) regular strain.....\$35.00
 6 to 8-inch (350 to case) true black stem variety..... 40.00

Lilium Candidum

Per 1000
 Regular Grade (20-22 ctm.).....\$48.00

Lilium Multiflorum

Per 1000
 7 to 9-inch (300 to case).....\$45.00

Lilium Giganteum (New Crop)

Per 1000
 6 to 8-inch (400 to case).....\$30.00
 7 to 9-inch (300 to case)..... 45.00
 8 to 9-inch (250 to case)..... 65.00
 8 to 10-inch (225 to case)..... 73.50
 9 to 10-inch (200 to case)..... 88.00

Hardy Lilies

	Per 100	Per 1000
Lilium Auratum, 9-11 inch, (100 to case).....\$ 8.00	\$ 75.00	
Lilium Rubrum, 8-9 inch, (160 to case)..... 5.50	50.00	
Lilium Rubrum, 9-11 inch, (100 to case)..... 9.00	85.00	
Lilium Album, 9-11 in. h, (100 to case)..... 12.00	100.00	



We are mailing this week, Special offer of Holiday Decorations, Xmas Greens, Etc.

Also New Crop Asparagus Plumosus Nanus Seed. WRITE FOR BOTH.

CHICAGO VAUGHAN'S SEED STORE, NEW YORK

James Vick's Sons

Seedsman, Nurserymen, Florists

SEEDS All the leading
 PLANTS kinds for summer
 BULBS and fall planting.

Ask for Catalogues. ROCHESTER, N. Y.

R. & M. GODINEAU SEED GROWERS

Angers. - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
 Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

SIMON LOUIS FRERES & CO.,

Bruyeres-le-Chatel (Seine et Oise), France.

ESTABLISHED 1666.

Wholesale Growers and Exporters of Choice Stocks of

Vegetable, Flower and Forage Seeds

Specialties—Giant Half-Sugar Mangel-Wurzel, Beet, Carrot, Celery, Dandelion,
 Endive, Leek, Lettuce, Radish, Swiss-Chard, Swede and Turnip.

IMPORTERS OF—Red-top, Meadow Fescue, Blue
 Grass, Sunflower, Timothy and Garden Peas.

ENGLISH
 CORRESPONDENCE.

Our traveling salesman, MR. LAWRENCE S. PAYN, who has been calling on the American
 trade for many years past, is now in the United States and all mail should be addressed
 to him care F. B. Vandegrift & Co., 15 Whitehall Street, New York.

Market Gardeners

Vegetable Growers' Association of America.

H. W. Selby, Philadelphia, Pa., President;
H. F. Thompson, Arlington, Mass., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; Eugene Davis, Grand Rapids,
Mich., Treasurer.

Next annual convention will be held at
Springfield, Mass., in 1917.

TWO CARS of canned tomatoes are being shipped for the first time in 14 years from San Francisco to Chicago, price being \$1.20 per dozen against ordinary quotation of 75 cents.

GREATER co-operation by growers in marketing western muskmelons is urged by the United States department of agriculture. Methods employed in the five leading producing sections in the west are outlined in Bulletin 401, recently issued.

Potato Shipments in Carlots.

The United States department of agriculture, office of markets and rural organization, under date of November 7, reports the following carlot shipments of white potatoes for the season to date: New Jersey, 13,244; Peninsula, 15,967; Maine, 9,519, the shipments in all other states making the total 81,331 carlots.

Prices of Indoor Fruits and Vegetables.

Chicago, Nov. 14.—Mushrooms, home grown, 30 cents per pound; lettuce, small cases, 4 to 7 cents; radishes, \$1.50 per 100 bunches; celery, 60 to 75 cents, open crate; tomatoes, 10-lb. baskets, \$1.00 to \$1.40; cucumbers, per 2 dozen box, \$2.00 to \$2.25.

New York, Nov. 14.—Celery, per crate, \$1.00 to \$3.00; cucumbers, \$1.00 to \$1.50 per dozen; mushrooms, 75 cents to \$1.50 per 4-lb. basket; tomatoes, per package, 25 cents to \$1.50; radishes, per 100 bunches, 50 cents to \$1.00; lettuce, per package, 25 cents to \$1.25.

Western Muskmelon Marketing Methods.

Greater co-operation by growers is needed in the marketing of the 7,000 carloads of muskmelons shipped from western producing regions, according to market specialists of the United States department of agriculture. The various methods employed in marketing the melons from the five most important western producing points in 1915 are outlined in United States department of agriculture Bulletin No. 401, recently issued.

The earliest of the western muskmelon producing sections, the Imperial valley, California, produces the greatest number of cars, 4,722, the bulletin shows. Shipments begin late in May and extend past the middle of July. Improvements in distribution contracts and the exercise of a greater degree of personal supervision by growers in picking, packing and loading operations are recommended by the specialists. The Salt River valley, Arizona, is the second shipping region for western muskmelons in point of time, shipments extending from early July to early August. The volume of shipments from this district, however, is only about one-tenth of that from the

Imperial valley. Almost coincident with the shipments from Salt River valley, shipments of melons take place from the Moapa valley, Nevada. These shipments in 1915 aggregated 276 cars. The Nevada shipments are followed by shipments from Turlock in the San Joaquin valley, California. One thousand five hundred and fifty-four cars were shipped from the latter district in 1915. Several methods are employed in marketing the Turlock crop, co-operative organizations having a prominent place. Rocky Ford, Colo., the oldest of the western producing districts for muskmelons, and Ordway, Colo., in the same general region, make the latest of the western shipments, the season extending from the last of August to the middle of October. Many shipments are made through commercial distributors in this section, but a large number of producers owning farms receive no cash advances.

Co-operation is especially needed, in the opinion of the specialists, in the purchase of seeds and supplies, and, where distributors are employed, in checking up the accounts of the latter.

Market Gardening in Bermuda.

Agriculture is the leading productive industry of Bermuda. Its activities are confined to market gardening, because the country is so small and so broken with small hills and valleys that it does not lend itself to farming on an extensive scale, even though climatic conditions permitted. Grain crops are not produced; nor can fruit (except bananas) be cultivated in commercial quantities. The principal products are potatoes, onions and the green vegetables—celery, parsley, carrots, lettuce, beets, beans, turnips, cabbage, peas, kohlrabi, etc.

Exports of vegetables to the United States in 1915 did not vary in any appreciable degree from those in 1914. While there was a considerable increase in the value of the potatoes, beets, carrots, celery, kale and lettuce, there was a corresponding decrease in the value of the beans, parsley and onions.

As an aid to the more successful marketing of agricultural products a rigid system of inspection has been inaugurated, which applies only to the preparation of the produce for shipment to New York. There are three inspectors of potatoes and onions and two of green vegetables, who work in close co-operation with the board of agriculture. Special attention is paid to the quality of the produce, to the manner of packing, and to the packages themselves.

Rochester, N. Y.

TRADE FALLS OFF.

During the past few days a lull in the fall trade has been noticeable. Counter trade has not been as brisk as usual. Bulbs are in great demand, however, and the call for ferns and palms is good. The market is flooded with chrysanthemums of all descriptions. Pompons are very popular. Carnations are excellent in quality and the demand for them has also increased. Bouvardias in red and white are arriving in quantity and the quality is fine. Excellent Jap and Harrisii lilies are to be seen. Snapdragons, cornflowers and a few late garden varieties are still coming in. The rose supply is good and excellent violets, orchids and lily of the valley are offered.

NOTES.

Myrl E. Bottomley, of the Allen Nursery Co., has gone to Cleveland, O., where he will open a branch for that firm. The best wishes for success follow him from his many friends.

H. E. Wilson celebrated his seventieth birthday, November 9. He is one of the pioneers in the local trade and his friends wish him many more happy years to come.

Robert Greenlaw, of the S. S. Pen-nock-Meehan Co., Philadelphia, Pa., visited this city last week and reports excellent business conditions in this section.

Chas. W. Curtis is cutting some large Wm. Turner chrysanthemums in addition to pompons of unusual colorings.

The demand for dyed chrysanthemums is on the increase. They are becoming very popular here.

Carnations Pink Delight and White Wonder, grown by Harry Merritt, are very large and good sellers.

Miss L. White has joined the force at Wilson's Main street store.

CHESTER.

ITHACA, N. Y.—A winter short course in agriculture, extending from November 8 to February 17, has been announced by the state college of agriculture at Cornell University.

PORTLAND, ORE.—George Betz, pioneer florist and founder of the firm of Geo. Betz & Sons, will retire from active business in the near future. The establishment will continue with his sons in charge.

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HOW TO GROW THEM

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Color: Flesh pink, slightly darker than Enchantress.

Winner of first prize in its class at Cleveland, fall of 1915 and winner of the prize for keeping qualities after being shipped from New York.

Winner of first prize in its class at the St. Louis Carnation Show, 1916, and Sweepstakes as the best one hundred vase in the Show. These carnations were shipped from New York in warm weather and were in the box nearly 48 hours.

Winner of first prize at the Grand Central Palace Show for two years and other prizes and certificates too numerous to mention.

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Excelsa—"Red Dorothy Perkins."

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Dorothy Perkins—Beautiful shell-pink.

Flower of Fairfield—Everblooming Crimson Rambler.

Hiawatha—Single crimson, lighter center.

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3-inch.....	\$1.75	\$12.00
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The Nursery Trade

American Association of Nurserymen.

John Watson, Newark, N. Y., President;
Lloyd C. Stark, Louisiana, Mo., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-second annual convention will be held at Philadelphia, Pa., June, 1917.

COLFAX, WASH.—Mayor Rogers will shortly appoint three park commissioners and a park superintendent.

ST. PAUL, MINN.—Holm & Olson report brisk business in the nursery department, both local and shipping.

SAN DIEGO, CALIF.—Frank C. Butler, superintendent of Mt. Hope cemetery, has returned to his office after a temporary absence.

LOS ANGELES, CALIF.—Paul G. Staiger, John Finken and Thos. Wolfe have incorporated the Staiger-Finken Nursery Co.; capital stock, \$20,000.

NASHVILLE, TENN.—Leslie Littel has purchased the nursery stock of the Hillcrest school farm and will have the use of the school greenhouses for one year.

NEWPORT, R. I.—V. A. Vanicek purchased several greenhouses at the recent sale of the Galvin range and will add them to the Rhode Island Nurseries on East Main road.

SPRINGFIELD, MASS.—A state forestry office has been established in this city for the convenience of land owners in the western section of the state. Paul D. Kneeland is in charge.

APPLE shipments in carlots for the season, reported to the United States department of agriculture by railroads to November 7, numbered 34,548. The following were the largest producing districts: Washington, 7,275; Potomac Valley, 6,654; New York, 3,966; New Jersey, 1,833; Colorado, 1,684.

National Association of Gardeners.

President W. N. Craig, of the National Association of Gardeners has appointed the following committee on convention publicity: George W. Hess, Washington, D. C.; William Kleinheinz, Ogontz, Pa.; David Fraser, Pittsburgh, Pa.; Robert Cameron, Cambridge, Mass.; John Canning, Ardsley, N. Y.; P. W. Popp, Mamaroneck, N. Y.; Thomas J. Wilson, Tuxedo Park, N. Y.; Anton Bauer, Deal Beach, N. J.; James Duthie, Oyster Bay, N. Y.; John Barnett, Sewickley, Pa.; Edw. Jenkins, Lenox, Mass.; William Gray, Newport, R. I.; Thomas Head, Lake Forest, Ill.; Albin Martini, Lake Geneva, Wis.; L. P. Jensen, St. Louis, Mo.; Percy Ellings, Menlo Park, Calif.

The convention will be held in Washington, D. C., December 5-6, and in addition to an interesting programme, which has been provided for the meetings, entertainment of the visiting members has not been overlooked. There is to be an auto trip through the park system of Washington, a visit to the White House, Capitol and the various departmental buildings, and to the country estate of George Washington, at Mount Vernon. A large attendance both from the east and west is looked for.

Sambucus Canadensis.

This is the last of the native shrubs to make a conspicuous show of flowers in the arboretum, and as the corollas of the laurels begin to fall the wide, flat flower-clusters of the black-fruited elder begin to whiten. Few native shrubs make a greater show of flowers and fruits, and the numerous elders sown by birds on the banks of the Bussey brook in the valley north of Hemlock hill, and by the little ponds near the junction of the Meadow and Bussey hill roads, add much to the beauty of the arboretum in July. Growing with *Sambucus Canadensis* in the shrub collection is a form with leaflets deeply divided into narrow segments (var. *acutiloba*), and more curious than beautiful. There are here also a form with yellow fruit (var. *chlorocarpa*), and var. *maxima*, which originated a few years ago in a European nursery, and which has flower-clusters three times as large as those of the wild plant and such large and heavy bunches of fruit that the branches can hardly support them. A variety with yellow leaves (var. *aurea*) is also in the collection. More objectionable than many yellow-leaved shrubs because it is hardier and grows more rapidly to a larger size than some of them, this plant now disfigures many European gardens, and is too often seen in those of this country.—Arnold Arboretum Bulletin, July, 1916.

LOUISVILLE, KY.—Civic organizations here have requested the park commission to prevent any action that might result in the removal of Superintendent Ernest Essig. Certain members of the board have endeavored to have a park supervisor appointed at a salary of \$3,500 per annum. This is meeting with much opposition.

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Prices of rooted cuttings ready for delivery Dec. 15th and later, 25 or less at the rate of \$8.00 per 100. 50 and less than 100 at \$6.00 per 100. Orders of 100, and less than 250, \$5.00 per 100 and orders of 250 or more at the rate of \$45.00 per 1000. All cuttings guaranteed strictly first class.

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FRENCH HYDRANGEAS, heavy, well-grown field plants with 12 to 18 shoots, ready for 7 to 8 in. pots. Pronounced grand by all visiting florists. Bouquet Rose, Vicomtesse de Vibraye, Lily Mouliere, Radiant, \$7.00 per dozen—\$50.00 per 100.

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PYRAMIDS. Broad, heavy specimens, 2 ft., \$1.90 each; 2½ ft., \$2.00 each; 3 ft., \$2.50 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee, Ill. Write for prices on larger sizes.

BUSH SHAPE, 10-12-in., balled, 30c each; 18-in., balled, 60c each; 30-in., balled, \$1.75 each.

THE D. HILL NURSERY CO., INC.
Box 404, Dundee, Ill.

BOXWOOD.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

Boxwood Sprays, good, clean, glossy, green sprays, 50 lbs., \$7.50; 100 lbs., \$13.50. Pittsburgh Cut Flower Co., Pittsburgh, Pa.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

Boxwoods, bush, 15-in., 50c each; 18-in., 60c each. Poehlmann Bros. Co., Morton Grove, Ill.

BULBS.

SURPLUS STOCK DUTCH BULBS
Marked down away below cost to close them out quickly.

1st Size NAMED HYACINTHS. White, Pink, Rose, Lavender, Blue, \$1.50 per 100; \$14 per 1,000.

2nd Size NAMED HYACINTHS. 15 to 16 centimeters. L'Innocence, Gigantea, Grand Maitre. \$1.00 per 100; \$9 per 1,000.

MIXED HYACINTHS. Fine quality, 1,000, \$7.50. MINIATURE HYACINTHS. Red, White, Blue, \$5.00 per 1,000.

SINGLE EARLY TULIPS

Artus, Comte de Vergenn, La Reine, Lac Van Rijn, Rose Grisdelin, Yellow Prince. 60c per 100. Joost Van Vondel Kaiserkrone, 75c per 100; Single Early Mixed, 50c per 100.

DOUBLE EARLY TULIPS.

Alba Maxima, Gloria Solis, Murillo, Rubra Maxima, 75 cts. per 100.

SINGLE LATE TULIPS

Elegans, Gesneriana, La Candeur, Picotee, Persian Yellow, Retrofexa, Shandon Bells, 70 cts. per 100.

Late Cottage Tulips, mixed, 60c per 100. Late Darwin Tulips, fine mixed, 80c per 100.

SINGLE NARCISSUS.

Emperor, Golden Spur, Princeps Victoria Round Bulbs, 60 cts. per 100.

DOUBLE NARCISSUS.

Alba Pleno, Incomparable, Sul'r Phoenix, Von Sion Round Bulbs, 60 cts. per 100.

Cash with order, please.

The Templin-Crockett-Bradley Co.,
5700 Detroit Ave., Cleveland, O.

Bulbs. Chinese Narcissus, per mat of 120 bulbs, \$5.50. Named Hyacinths, 1st size, \$42 per 1,000; 2d size, \$30 per 1,000; miniature, \$12.50 per 1,000; Mooy's Christmas pink, \$38 per 1,000. L. Formosum, 6 to 8-in. (350 to case), regular strain, \$35 per 1,000; 6 to 8-in. (350 to case), true black stem variety, \$40 per 1,000; L. Giganteum, L. Candidum, L. Multiflorum, Tulips, early single named, Darwin and Cottage. For varieties, sizes and prices, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs for present sowing. Hyacinths, Narcissus, Crocus, Giganteum lilies. For varieties and prices see advertisement elsewhere in this issue. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

Bulbs. Lilium Harrisii, 5 to 7-in., \$4.50 per 100, \$36 per 1,000; 7 to 9-in., \$3 per 100, \$72 per 1,000. Paper White Narcissus Grandiflorus, prices on application. J. M. Thorburn & Co., 53 Barclay St., New York City.

BULBS.

Bulbs. Late Dutch Hyacinth, single early Tulips and Narcissus. For varieties and prices see advertisement elsewhere in this issue. A. Henderson & Co., 211 N. State St., Chicago.

Bulbs. Hyacinths, tulips, narcissus. Lilium Formosum, Lil. Longiflorum Giganteum, L. Longiflorum Multiflorum. Write for prices. Henry F. Michell Co., 518 Market St., Philadelphia, Pa.

Late shipment of Dutch bulbs. The choicest, specially selected stock. Hyacinths, tulips, narcissus, etc. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Bulbs. Lilium Formosum and Giganteum, ready now. For sizes and prices see advertisement on front cover page of this issue. Wm. F. Kasting Co., 563-570 Washington Street, Buffalo, N. Y.

Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Bulbs, seeds, supplies, etc. Wholesale only. American Bulb Co., 178 N. Wabash Ave., Chicago.

CARNATIONS.

Carnations, rooted cuttings, Rosalia, Old Gold, Merry Christmas, Doris, Cottage Maid and Crystal White. Delivery January 1917 and later. \$12 per 100, \$100 per 1,000, 250 at 1,000-rate. S. S. Skidlsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

New carnation Cottage Maid. A sport of Mrs. C. W. Ward. Rooted cuttings, \$12 per 100; \$100 per 1,000. Cottage Gardens Co., Inc., Queens, New York.

Carnation Superb. Fine new flesh pink. Rooted cuttings, Jan. 1, 1917, delivery, \$10 per 100, \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

Carnations. F. Dörner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

MUM STOCK PLANTS, clean and healthy. Book orders now.

Yellows: Chrysobora, Halliday, Solomon's Gold, Ramapo, Nagoya, Golden Gate, Dolly Dimple, Golden Wedding, Piemridge, Mrs. Neil, Pink: Chieftain, Mrs. Perrin, Enguehardt, Seidlitz, Helen Frick.

White: Touse, Early Frost, White Frick, Lynwood Hall, Mistletoe, Emberta.

Red: argentillum, Luxford, Perfect Tillier, Harvard.

Pompons: Helen Newberry, Harry Hicks, E. D. Godfrey, Baby Yellow, Baby White, Carpet of Snow, Oneita, Elva, Lulu, Lillia, Klondike, Mrs. F. Ben.

Singles: Mrs. Buckingham, Mensa, Golden Mensa, Ladysmith, White Anemone.

Price \$1.00 per doz. Cash please.
W. H. CULP & CO., Wichita, Kans.

CHRYSANTHEMUM STOCK PLANTS.

Fine large plants full of cuttings. Price, \$15.00 per 100, \$3.00 per dozen. We dig all our plants from soil. They are not pulled up.

Varities—in white, Early Frost, Crystal Gem, Oconto, White Chieftain, October Frost. In yellow—Golden Queen, Marigold, Yellow October Frost. In pink—McNiece.

BASSETT & WASHBURN.
178 N. Wabash Ave., Chicago

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.

ALEX. GUTTMANN.

Chrysanthemum (Dinda), the best early lavender-pink in the market. Blooms have been selling for \$3.00 per dozen since middle of September. Stock plants 75c each; \$7.50 per dozen. GUTTMANN & RAYNOR, Inc., Wholesale Florists, 101 W. 28th St., New York, or Frank Dinda, Farmingdale, L. I., N. Y.

CHRYSANTHEMUMS. Good commercial varieties, 2½-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

Coleus, Brillancy, 2-in., \$3 per 100; Trailing Queen, \$2.50 per 100. The George Wittbold Co., 737 Buckingham Place, Chicago.

COLEUS "Defiance." It defies any other coleus for commercial purposes. C. Winterich, Cyclamen Specialist, Defiance, O.

Coleus, Emperor William, 5-in., 25c to 35c each. Poehlmann Bros. Co., Morton Grove, Ill.

CROTONS.

Crotons. Norwood Beauty, Chantrieri Major, Punctata, Delicatissima, Golden Thread, Florence, Reiddi. For sizes and prices see advertisement elsewhere in this issue. Robert Craig Co., Market and 49th Sts., Philadelphia, Pa.

Crotons, 4-in., \$4.20 per doz.; 5-in., \$6 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

Crotons, 4-in., 40c each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN. Improved Wandsbek type, 4-in., 12c, 15c and 20c; 5-in., 25c, 35c and 50c; 6-in., 60c and 75c. All in bud and elegant condition. Cyclamen seedlings, Wandsbek type, 8 varieties, equally divided, \$4 per 100; \$30 per 1,000. Rocco erecta, new, finest ever introduced. Comes in separate colors, \$5 per 100; \$40 per 1,000. ERNEST ROBER, Wilmette, Ill.

Cyclamen in all the popular colors; splendidly budded plants. 5-in., \$50 per 100, \$450 per 1,000; 6-in., \$75 and \$100 per 100; 7-in., \$150 per 100. Robert Craig Co., Market and 49th Sts., Philadelphia, Pa.

Cyclamen Giganteum. Extra choice plants. For sizes and prices see advertisement elsewhere in this issue. J. A. Peterson & Sons, 2132 McHenry Ave., Westwood, Cincinnati, O.

CYCLAMEN, fine 4-in. stock, giant quality, \$15.00, \$20.00 and \$25.00 per 100. C. Winterich, Cyclamen Specialist, Defiance, O.

Cyclamen, for November and December delivery, 4-in., \$4.20 per doz.; 5-in., \$6 per doz.; 6-in., \$9 per doz.; 7-in., \$12, \$15 and \$18 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

DAHLIAS.

Dahlias. Best new and standard varieties. Peacock Dahlia Farms, Williamstown Junction, N. J.

DAISIES.

DOUBLE DAISIES, MONTROSE.

The big giant double daisy in pink and white. Plant this giant daisy now. It is very hardy and will bloom early if planted now. Send your order in at once with the cash for strong plants, \$2.50 per 1,000.

GLOBE GREENHOUSES.

Second Ave., Munroe and Garfield St., Denver, Colo.

BEST FLOWERING DAISIES. Chicago White, special strain, 2½-in., \$5.00 per 100; Etoile D'Or (yellow), 2½-in., \$5.00 per 100. Cash, please. A. E. HUNT & CO., 30 E. Randolph St., Chicago.

DAISIES (bellis). Monstrosa, white and pink, also Longfellow and Snowball; strong, field-grown seedlings, \$2.00 per 1,000. Cash. Brill Celery Gardens, Kalamazoo, Mich.

DEUTZIA.

Deutzia Gracilis, pot grown, very bushy plants, now ready. Splendid forcing stock. 6-in., \$2.60 per doz., \$18 per 100; 8-in., \$3.50 per doz., \$25 per 100. Vaughan's Seed Store, Chicago and New York.

DRACAENAS.

Dracaena fragrans, 4-in., bushy stock, \$3 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

DRACAENA INDIVISA. 5-in., 35c. Harry Heintz, West Toledo, O.

Dracaena indivisa, 2-in., \$2 per 100, \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

FERNS.

BOSTON FERNS.

	Per doz.
5-inch	\$ 2.40
6-inch	4.20
7-inch	9.00
8-inch	12.00
9-inch	15.00

THE GEORGE WITTBOLD CO.,

737 Buckingham Place, Chicago.

Bostons. Grown by us and are the finest in the west. 3-in., \$1.75 per doz., \$12 per 100; 4-in., \$2.50 per doz., \$20 per 100; 5-in., \$5 per doz., \$40 per 100; 6-in., \$8 per doz., \$60 per 100. Vaughan's Seed Store, Chicago and New York.

Ferns. Nephrolepis, John Wanamaker. 4-in., \$25 per 100; 6-in., 50c and 75c each; 8-in., \$1 each; specimens in tubs, \$2.50 and \$3.50 each. Robert Craig Co., Market and 49th Sts., Philadelphia, Pa.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias, H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns. Nephrolepis Verona. Splendid fronds, stand up well. 2-in., \$3 per 100, \$72 per 1,000; 3-in., \$12 per 100, \$90 per 1,000. P. S. Randolph & Sons, R. D., Verona, Pa.

TABLE FERNS, best varieties, fine stock, 2-in., \$3 per 100, \$25 per 1,000; 3-in., \$5 per 100, \$40 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Fine Nephrolepis ferns. For varieties and prices see advertisement elsewhere in this issue. F. R. Pierson Co., Tarrytown, N. Y.

Ferns, table, 2½-in., \$3 each; 3-in., \$6 each; holly, 5-in., 25c each. Poehlmann Bros. Co., Morton Grove, Ill.

Fern dish ferns, 2½-in., best sorts, \$3 per 100. The Storrs & Harrison Co., Painesville, O.

GERANIUMS.

GERANIUMS. Extra strong, 2-in., S. A. Nutt, Ruby (best dark red), Dagata, Ricard, Red Wing, Viand, Landry, La Favorite, Perkins, Oberle and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wylie, Aviator, Rogers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. F. H. DE WITT & CO., Wooster, O.

Geraniums. Alph. Ricard, Beauty Poitevine, Jean Viand, Edmond Blanc and Scarlet Bedder, 2-in., \$2 per 100, \$20 per 1,000; 3-in., \$3 per 100, \$30 per 1,000. S. A. Nutt, Gen. Grant, Mad. Buchner, Mad. Recamier, Jean Oberlee, Abbie Schaffer, E. G. Trego, etc., 2-in., \$2 per 100, \$18.50 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUM CUTTINGS: Nutt, double Grant, Perkins, Castellaine, Viand and Jaulin, \$14.00 per 1,000; Poitevine, \$16.00 per 1,000. HARRY T. MEAD, 1230 Hanover St., Manchester, N. H.

Geraniums, 100,000 in 2 and 2½-in. pots, in 28 varieties, \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, S. A. Nutt and Buchner, \$13.50 per 1,000; Ricard and Poitevine, \$16 per 1,000. Albert M. Herr, Lancaster, Pa.

GREENS.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. Caldwell, The Woodsman Co., Evergreen, Ala.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

Southern wild smilax, \$2.00 per case here. WINTERGREEN GARDENS, Marion, Ala.

HYDRANGEAS.

Hydrangeas, French. Heavy, well-grown field plants, 12 to 18 shoots, ready for 7 to 8 in. pots, \$7 per doz.; \$50 per 100. The Storrs & Harrison Co., Painesville, O.

HYDRANGEA OTAKSA, 3-in., \$5 per 100. Flowering sizes pot-grown, 25c to 50c each. HENRY SMITH, Grand Rapids, Mich.

Hydrangeas, 4-in., \$20, 5-in., \$30, 6-in., \$40 per 100. S. S. Pennock-Meehan Co., 1612 Ludlow St., Philadelphia, Pa.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

JERUSALEM CHERRIES.

Jerusalem Cherries, 4-in., stocky, \$1 per doz., \$8 per 100. The George Wittbold Co., 737 Buckingham Place, Chicago.

LANTANAS.

LANTANAS, 3-in., yellow and pink, strong plants, \$8 per 100; weeping, 3-in., \$6 per 100; 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

NURSERY STOCK.

Write for wholesale price list of ornamental nursery stock. MAYWOOD NURSERY CO., Maywood, Ill.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

PALMS.

KENTIA FORSTERIANA SINGLE PLANTS.

Leaves	Each
6 inch pots 5-6 28 inches high...	\$ 1.25
6 inch pots 6-7 32-34 inches high...	1.50
6 inch pots 6-7 34-36 inches high...	2.00
8 inch tubs 6-7 40-42 inches high...	3.50
8 inch tubs 6-7 42-46 inches high...	4.00
8 inch tubs 6-7 50 inches high...	5.00
9 inch tubs 6-7 52-56 inches high...	7.00
10 inch tubs 6-7 60 inches high...	8.00
10 inch tubs 6-7 60-65 inches high...	12.00
15 inch tubs 6-7 8 feet high...	40.00
15 inch tubs 6-7 9-10 feet high...	50.00

KENTIA BELMOREANA SINGLE PLANTS.

Leaves	Each
2½ inch pots 4 1.50 per doz., \$12 per 100	
4 inch pots 5-6 16-18 45c each	\$5.00
6 inch pots 5-6 24 each	1.25
6 inch pots 5-6 28 each	1.50
8 inch tubs 5-6 42 each	5.00

KENTIA FORSTERIANA MADE UP PLANTS.

Plants	Each
6 inch pots 3 26-28 inches high...	\$ 2.00
7 inch tubs 3 30-32 inches high...	2.50
8 inch tubs 3 38 inches high...	4.00
8 inch tubs 4 48-50 inches high...	5.00
9 inch tubs 4 52 inches high...	6.00
10 inch tubs 4 54 inches high...	8.00
12 inch tubs 4 60-64 inches high...	12.00
12 inch tubs 4 66 inches high...	15.00
15 inch tubs 4 6-6½ ft. high, heavy...	25.00
15 inch tubs 4 75-80 inches high...	30.00

ARECA LUTESCENS.

Plants	Each
6 inch pots 4 bushy, 24-26 inches high...	\$1.25

ASPIDISTRAS.

5 inch pots 10-12 leaves green	\$1.00
6 inch pots 16-20 leaves green	1.50
5 inch pots 10-12 leaves var.	1.50

POEHLMANN BROS. CO.,

Morton Grove, Illinois.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

PALMS.

LATANIA BARBONICA PALMS, 15-in. tubs, suitable for decorative work, \$5 each. Pandanus Veitchii, 15-in. tubs, \$5 each. HENRY SMITH, Grand Rapids, Mich.

Palms. Cocos Weddelliana, 2-in., \$1.75 per doz.; \$14 per 100; 3-in., \$2.50 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th Sts., Philadelphia, Pa.

Kentia Palms, 4-in., \$40 per 100; 5-in., \$1 each. The Storrs & Harrison Co., Painesville, O.

Palms. Joseph Heacock Co., Wyncote, Pa.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. HENRY SMITH, Grand Rapids, Mich.

Pandanus Veitchii, 4-in., 35c each; 6-in., 75c to \$1 each; 7-in., \$1.25 each; 9-in., \$2.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

PANSIES.**THE BEST GIANT PANSIES.**

Our pansies are the best the world produces. They combine the choicest large flowering sorts of both European and American growers. It has been our aim to make this the finest strain of this favorite flower in existence. Raised at an altitude of 5,721 ft. above sea level gives them lots of fibrous roots. They start quickly. They are not soft.

Send your order in at once with the cash for field-grown plants, \$3.50 per 1,000.

GLOBE GREENHOUSES.

2nd Ave., Munroe and Garfield Sts., Denver, Col.

Pansy plants, transplanted, hardy, northern-grown: Bugnot, shade of red, bronze and reddish cardinal; Golden Queen, clear golden yellow; Mme. Perret, lovely shade of pink and rose; Siegfried, rich brown shade; yellow, immense flower, dark eye; Paris Market, improved strain of Trimaradeau, choice, \$5.00 per 1,000; \$2.50 per 500.

EDW. W. SCHUSTER, Crookston, Minn.

Giant Flowering Pansy seedlings, heavily rooted, 35c per 100; \$2.50 per 1,000. Steele's Private Stock Pansy seedlings, exhibition strain, 50c per 100, \$4.50 per 1,000. Prepared to ship immediately short distances; advise shipping long distances only after October 10, to allow frost to harden. Cash. JOS. H. CUNNINGHAM, Delaware, Ohio.

PEONIES.

Peonies. Write for list. Peterson Nursery. Stock Exchange Bldg., Chicago.

PEPPERS.

Peppers, Bird's-Eye, bushy plants, 4-in., \$12.00 per 100; \$100.00 per 1,000.

Peppers, Celestial, 4-in., \$12.00 per 100; \$100.00 per 1,000.

Jerusalem Cherry, 4-in., \$12.00 per 100; \$100.00 per 1,000.

PYFER & OLSEM, Wilmette, Ill.

POINSETTIAS.

Poinsettias for Christmas flowering, 5-in., 25c; 6-in., 35c; 8-in., 60c; 9-in., 75c. Made-up, 7-in., 75c; 8-in., \$1 and \$1.25; 9-in., \$1.50 and \$2; 10-in., \$2 and \$2.50. The George Wittbold Co., 737 Buckingham Place, Chicago.

Poinsettias, 6-in., 50c each; 7-in., 75c each; 8-in., \$1 to \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

PRIMULAS.**PRIMULA MALACOIDES.**

Extra fine stock.	100	1,000
2-inch	\$3.00	\$27.50
2½-inch	4.00	35.00
3-inch	6.00	50.00

PYFER & OLSEM, Wilmette, Ill.

PRIMULA OBCONICA. Gigantea in splendid colors. (no white). 4-in., ready for 5-in., fine for Christmas, \$8.50 per 100. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Primula Obconica. Assorted rich colors, 4-in., \$1.50 per doz.; \$12.00 per 100; \$100 per 1,000. The George Wittbold Co., 737 Buckingham Place, Chicago.

PRIMULAS.

PRIMULAS. Obconica, Chinensis and Malacoides, 2-in. pots at \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

Primula Obconica, 4-in., \$15.00 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

PRIVET.

California Privet special grade, 12 to 18-in., \$8 per 1,000; 1½ to 2 ft., \$10.50 per 1,000. Cash with order. Also Amoor Privet, Polish Privet and Berberis Thunbergii at attractive prices. J. T. Lovett, Little Silver, N. J.

ROSES.**- ROSES.**

We offer a choice lot of 2,000 Shawyer bench plants in lots of not less than 100 at the rate of \$5.00 per 100.

BASSETT & WASHBURN, Chicago. 178 N. Wabash Ave.,

Rose plants for Easter. Extra strong 3-year-old field grown stock. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Roses. Pot-grown, 2½ and 4-in. Field grown, to pot, 5 to 6-in. The Leedle Floral Co., Springfield, O.

Roses, cannas and shrubbery. The Conard & Jones Co., West Grove, Pa.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seeds. Kentia. New crop, just arrived, Kentia Belmoreana and Forsteriana, Cocos Weddelliana. Write for import prices, stating quantity desired. McHutchison & Co., 95 Chambers St., New York.

Seeds. Asparagus Plumosus Nanus, greenhouse grown, 1,000, \$3.50; 10,000, \$32.50. California grown, 1,000, \$2.50; 10,000, \$22.50. Arthur T. Boddington Co., Inc., 128 Chambers St., New York.

Increase your stock; 1,000 seeds, 50c. 200 Asparagus plumosus, 200 Asparagus Sprengeri, 200 Boston Ivy, 200 Dracaena Indivisa, 100 Pepper tree, 100 Acacia Floribunda. GEORGE TEANER, P. O. Box 1049, Los Angeles, Calif.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, contract growers of cucumber, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, contract growers of pepper; egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet. Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds. Bean, cucumbers, muskmelon, watermelon, squash and sweet corn. Michigan-grown radish our specialty. S. M. Isbell & Co., Jackson, Mich.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed. Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, specialties: Lettuce, onion, sweet pea, aster, cosmos, mignonette, verbena in variety. Waldo Rohnert, Gilroy, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsley, parsnips, turnips. R. & M. Godineau, Angers, France.

Seeds, large growers and shipper of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

SEEDS.

Seeds. Beet, sweet corn, garden bean, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 228-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Flower and garden seeds. Sweet Pea and Nasturtium a specialty. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds. Vegetable, flower and forage. Simon Louis Freres & Co., Bruyeres-le-Chatel (Seine et Oise), France.

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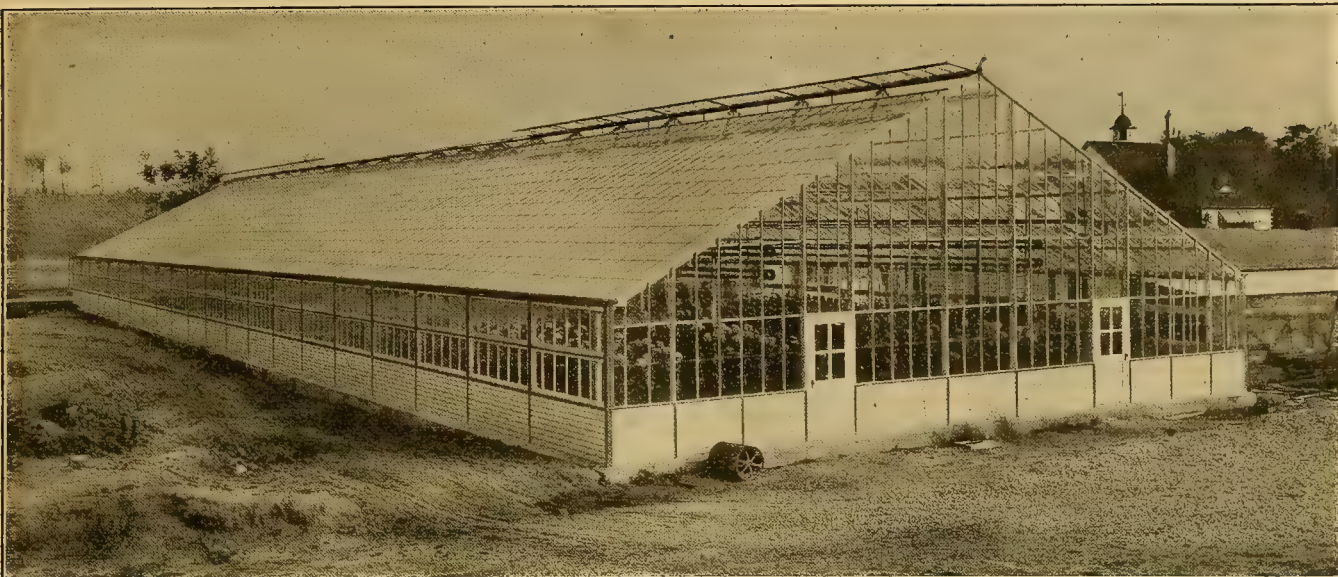
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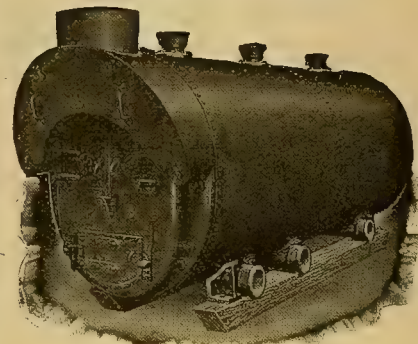
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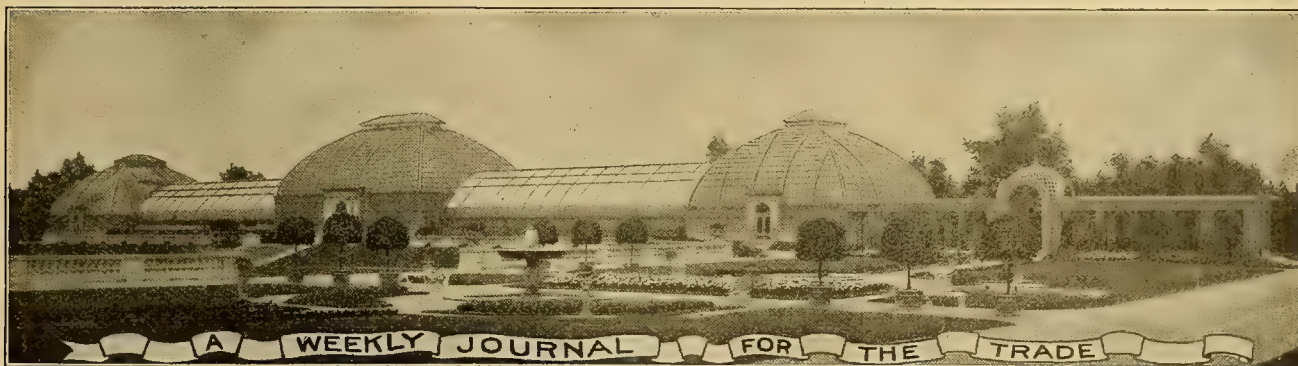
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THE AMERICAN FLORIST



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CHICAGO AND NEW YORK, NOVEMBER 25, 1916.

No. 1486

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—DANIEL MACROBIE, San Francisco, Calif., President; ROBERT C. KERR, Houston, Tex., Vice-President; JOHN YOUNG, 53 West Twenty-eighth Street, New York, Secretary; J. J. HESS, Omaha, Neb., Treasurer.

OFFICERS ELECT—R. C. KERR, Houston, Tex., President; A. L. MILLER, Brooklyn, N. Y., Vice-President; JOHN YOUNG, New York, Secretary; J. J. HESS, Omaha, Neb., Treasurer. Next annual convention at New York, August 21-24, 1917.

Fifth National Flower Show.

The Fifth National Flower Show and the Thirty-fourth convention of the Society of American Florists will be held at St. Louis, Mo., April 6-15, 1918.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at Indianapolis, Ind., January 31-February 1, 1917. J. F. AMMANN, Edwardsville, Ill., President; W. J. VESEY, JR., Ft. Wayne, Ind., Vice-President; A. F. J. BAUR, Thirty-eighth Street and Rockwood Ave., Indianapolis, Ind., Secretary.

AMERICAN ROSE SOCIETY.

Next annual convention and exhibition Philadelphia, March, 1917. S. S. PENNOCK, Philadelphia, Pa., President; LOUIS REUTER, Westerly, R. I., Vice-President; BENJAMIN HAMMOND, Beacon, N. Y., Secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA

Annual convention and exhibition at Cleveland, O., November 1917. WM. VERT, Port Washington, N. Y., President; C. W. JOHNSON, 2134 W. 110th Street, Chicago, Secretary.

AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Boston, Mass., July 7, 1917. GEO. W. KERR, Doylestown, Pa., President; HARRY A. BUNYARD, 40 W. Twenty-eighth street, New York, Secretary.

SUGGESTIONS FOR PLANT GROWERS.

Primulas.

As fast as the primroses grow, space them out so that there is a good distance between each plant, and so that the leaves do not touch, allowing room between the plants for a free circulation of air. If the plants are placed on a bench with a front and back board, place boards across and set the plants on these or stand the pots on inverted pots so as to bring them up into the air. Take care in watering not to wet the foliage more than necessary, or the leaves will be spotted. Many good primulas are ruined by being overcrowded and the foliage allowed to remain damp. If the plants are not going to be in flower for the holidays they can be placed in a temperature of 60° at night for a short time, which will rapidly bring them along, but do not attempt a higher temperature than that, nor for any great length of time. These plants are cold-loving subjects and are more satisfactory in a house that never goes above 50° at night. *Primula obconica* is now blooming freely and can be kept in bloom until spring if grown cool. These plants are particularly useful in filling Christmas baskets. Care must be taken in the handling of these plants by persons who are at all subject to poisoning from coming in contact with this, rhus, or other poisonous plants, for they sometimes cause a very troublesome and irritating eruption of the skin.

Ardisias.

The berries of the ardisias should now be turning a bright red and the foliage taking on that beautiful glossy appearance which makes this plant so popular at the holidays. Where these plants are grown in great heat the berries do not color as brightly, and the leaves lack that thick, leathery texture and glossy appearance, and the plants are not so satisfactory in the houses. They also chill very easily, and if this happens the berries drop off. It is much better to finish them from this time on in a bright, sunny

house, with good ventilation; this will tend to color up the fruit and give the plants a much healthier appearance, and they will prove more satisfactory. We have seen these plants, where grown cool and not forced, hold their berries until the next year's crop was borne. Keep a sharp lookout for scale on ardisias; they quickly get covered with the brown scale unless carefully watched, and when these insects appear constant washing is the great remedy. Clean off the first that appear. "An ounce of prevention is worth a pound of cure."

Catch Crops.

With the close competition that the greenhouse man is up against at the present day it does not pay to have any of the bench room idle, or if a crop shows that it is not going to succeed and be remunerative it had better be thrown out and the room occupied by something that will pay. The several different plants and flowers have their seasons, and when they are done a succeeding crop should be all ready prepared to take the place. It therefore pays to have some catch crop ready in cases of this kind. There are many annuals that can be grown and carried along in small pots and if not used and eventually discarded the loss is small. These, if planted out in the benches, will bloom in the early spring and give a very welcome variety to the flowers of that season. There are many flowers grown today that were first grown as catch crops, such as the antirrhinum. Among others which might be grown this way are the centaureas, either bachelor's buttons or sweet sultans, nasturtiums, lupines, calendulas, eschscholtzias, salpiglossis, schizanthus, stocks and others. There are also many of the early blooming perennials which can be lifted and heeled in where they can be easily obtained during the winter and transplanted to the greenhouse. Among these are *Coreopsis lanceolata*, *Aquilegia cerulea*, *gaillardias*, *heuceras*, sweet william, and others which the grower

has in stock. A dealer will always find customers who appreciate these flowers, which are often not seen during the winter months, and by having the stock of a few of these odd things one can often plant out a section of a bench that otherwise would not be returning any revenue, and thereby prevent loss.

Begonia Rex.

With the advent of steady firing and a warm propagating bench the cuttings of Begonia Rex should be started at once if good plants are desired for spring and summer growing. These plants are very ornamental when well grown and the leaves can be used in much floral work. These plants are raised from either shoot or leaf cuttings, but where many are propagated the latter method is generally employed. Well matured leaves that are healthy and vigorous are selected and two methods can be adopted. The leaf can be cut several times through the midrib and its branches and then placed on the propagating bed and the cuts pegged down to the sand. A wire in the shape of a hair pin will do this. Or the leaf may be cut into triangular pieces, with the rib as the apex, and these cuttings inserted in the sand as other cuttings are with the point down. Another method sometimes adopted is to cut the leaf in two parts lengthwise and the two halves are stood erect in the sand. The cutting bench should be shaded and if covered with glass and kept close the propagation will be more rapid and successful. The small leaves will shortly protrude from the sand and when the roots have attained a length of half an inch or more they can be potted in soil consisting of two parts loam, one part leaf-mold, one part well-rotted manure, and one part sand. They will require a warm temperature, and when watering be careful not to wet the foliage, especially where the sun shines upon them, or holes in the leaves will be the result. They should be shifted into larger pots as required and as the plants grow coarser soil may be used in the potting. They make much handsomer plants when grown in shady locations rather than in the full sunlight.

Stevia.

The early stevia will now be coming into flower, but if the plants are in pots, and there are a good large number, they should not be brought into flower all at once. By keeping some of the plants in a cool location they can be retarded so that plants may be had in bloom up to February. A house or deep frame where the night temperature can be kept just above the freezing point will hold them in check and they can be brought in as desired.

The dwarf variety is very easily handled in this manner, but the tall plants are not so easily moved around. Keep the plants well tied up for the joints are very brittle and break down easily, and the long variety should be very carefully handled even after the sprays are cut, for they break down with their own weight when in flower.

ERIE, PA.—J. V. Laver, the well-known grower of this city, has purchased the Wm. F. Kasting Co. range, which is devoted to roses, and will operate the same as a wholesale establishment in connection with his retail store.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Thanksgiving.

Now is the time to plan for this important flower selling event. It is one of the holidays that people arrange for beforehand, much of the business being done before the final day. The dwelling is always put in order for Thanksgiving; it is the great home-coming time when everything is to look at its best; there will be flowers wanted for vases, and the table must look its best for the feast, but before this, the palms, ferns, and other house plants must all be in place, adding life and beauty and a finishing touch that only nature can give.

To meet this demand, which is one of the features of the trade in early November, there are a number of suitable plants in medium to larger sizes that should be in every wide awake florist's stock. A dozen or two specimens in from six to 10-inch pots, in jardinières or baskets standing on pedestals about the shop, give the place a live, up to date appearance. As these move off they should be replenished—there is nothing like a full stock to please customers. Among the first selections are the kentias, both *Belmoreana* and *Forsteriana*, single and made up. The green tubs are more popular than the pots, and most of the stock is now grown in these handy recepta-

cles. Arecas are coming in again; they will do almost as well as the kentias, and nothing is more beautiful and decorative than a bushy areca.

Ficus pandurata, with its broad odd-shaped leaves, is very striking; if the leaves are kept polished with a dry cloth, showing the white veins, they are sure to attract much attention. *F. utilis* is another fine specimen in this family, while the old *F. elastica* still has many friends. *Dracenas fragrans* and *Massangeana* are both very ornamental and popular house plants. *Pandanus Veitchii*, with its striped leaves, always takes the public's fancy and in many houses will do very well. For color, there is nothing more effective than the crotons; while not so hardy as the others, they are almost certain to find customers who, attracted by their brilliant coloring, take them for what they are. The *aspidistra* fills the bill for the people "who have no luck with plants"—it can be sold with a guarantee.

Nothing is more salable or adds so much to the decorative effect of a store as the Boston fern and its numerous large family; these graceful ferns are easily the most popular of house plants and no stock is complete without them. If the height of the ceiling will permit, well furnished plants in pairs, suspended by chains or cords running through pulleys attached to the ceiling, one plant balancing the other, add greatly to the effect and fill up the high space so objectionable in some stores. A line of pot covers and jardi-



CHICAGO FLORAL ART AND NOVELTY SHOW.
Basket of Rose Champ Weiland by A. Lange.



A. W. SMITH CO.'S STORE, PITTSBURGH, PA.

nieres, kept fresh and clean, will often find purchasers in connection with plants, if the attention of the buyers is called to them. In some shops all plants are kept in such receptacles and priced together.

All kinds of supplies should now be in stock or anything needed ordered at once. It is not necessary to buy heavily of any one article unless something exclusive may be secured by taking the whole stock. Flower bowls and holders are still good, although no longer the novelty of the last two years; they had a wonderful sale.

Plant baskets are now filled by some of the growers quite as well as they are done by the artists in the stores. The latest styles and colorings are selected, the liners filled with choice plants, which after a two or three weeks' start at the greenhouse, are then exposed for sale in the stores. With the addition of cut flowers in tubes and a ribbon decoration, they are most attractive and salable.

For a window decoration, baskets of fruit and flowers are very appropriate. When nicely arranged they certainly catch the eye and often the dollars. A tall open-work gypsy basket, filled with fancy apples and pears and topped with flowers, is effective, the fruit being readily seen through the open willow-work in the bottom. A number of smaller baskets of flowers with bunches of grapes tied with ribbons to the handles, which can be suspended to fill

the center of the window, will be found good sellers.

The regulation grain sheaves and corn stalks, with partially husked ears and other evidences of a good harvest, make a showy and seasonable window, though by this time lacking in novelty. Variety may be given by a display of college ribbons and pennants, foot balls and other such paraphernalia, featuring the final college foot ball game that is played in nearly every large city on that day. Corsages of violets and other flowers, tied with college ribbons, should be prominently displayed, for which there is generally great demand.

Advertising is in order, which if judiciously done by neatly printed folders mailed to each patron, and desired customers from selected lists, is bound to give good results. Great publicity can be obtained through the columns of the daily press, if one's business will warrant the expenditure. There are always quantities of cut flowers used for Thanksgiving day; no one with guests in the house would think of sitting down to the table without a few flowers. At some special dinners the decorations are quite elaborate. High vases, with long stemmed chrysanthemums well above the line of vision, and a grouping of low baskets and vases of fruit, chrysanthemums and autumn leaves along the center, with a few smaller vases of Mrs. Ward roses, make a pretty and seasonable setting.

It should be some one person's business to see that the goods in the store

are all placed where they will give the best decorative effect and at the same time be conveniently near to the customers who may be interested or prevailed on to making purchases. At busy times this orderly placing is often overlooked, but its importance will warrant its being properly looked after. The holiday buying brings many strangers and others who only come in occasionally, and to them the store should look at its best.

K.

Birthday Reminders.

Here is, to us, a new idea that illustrates one entertaining side of American married life.

A well-known florist sends out indiscriminately to prosperous and supposedly affectionate husbands a cheerful little postal card. On it is written, "Date of my wife's birthday—remind me of it."

The affectionate husband mails it back to the florist.

Then, every year, on the birthday of "the dear one," or a day before, the florist rings up the husband and says, "What about your wife's birthday? Any flowers?"

The husband says, "Thanks very much for reminding me. Send up a box of roses, with 'Much Love and Devotion' written on a card. Don't forget to remind me next year."

The wife gets the box of flowers on her birthday and the card with all the

love and devotion. The husband pays the bill and all is serene in that happy American home.

The husband goes down to his work making money.

The wife leans back in her straight front or crooked front corset and says to all her friends as they come in and roll up their eyes when they see the flowers, "Yes, Henry never forgets."

Dear Henry doesn't forget, thanks to the florist.

How many American homes are kept happy and smooth by these intelligent reminders?—Chicago American.

Louisville Decorations.

The F. Walker Co. arranged a very handsome decoration November 16, the occasion being a debutante ball at the Woman's Club. The walls of the ballroom were draped with smilax and rustic baskets filled with ferns were placed in all of the windows. In the center of the ceiling was a dome of smilax from which fell garlands of the same supporting Chinese lanterns. The stage where the musicians were seated represented a Chinese garden with a background of ferns, palms and bay trees.

H. G. W.

Spanish Irises Outdoors.

ED. AMERICAN FLORIST:

Please advise whether Spanish irises are hardy in Illinois and the middle west.

O. W.

Yes, perfectly hardy and will increase with the years, usually flowering stronger than the newly imported bulbs. In heavy soil, add plenty of sand; no sand needed in light alluvial soil.

E. O. O.

Illinois.

I had always considered Spanish iris as not perfectly hardy for outdoor planting. Last fall we had an order from one of our customers to plant in her yard one thousand Spanish irises in separate colors. Before planting these irises I made inquiries among all florists in our locality, and one and all said Spanish irises are not hardy here. However, I went ahead and planted the bulbs in a very exposed location, covered about December first with leaves and then forgot all about the transaction. Imagine my surprise when the same customer phoned me the other day that she wished me to plant 2,000 more Spanish irises, as those planted last fall made a most beautiful show and were the admiration of all her friends and neighbors.

I believe most florists are laboring under the impression these irises are not hardy and am glad to answer "O. W.'s" inquiry. I feel sure that many of these bulbs can be sold at retail if recommended to customers as hardy.

J. S. W.

Iowa.

OTTAWA, ONT.—At the annual meeting of the Ottawa Horticultural Society, F. E. Buck was elected president. The society now has a membership of over 900.

BRAMPTON, ONT.—The Dale Estate lost 85 men to the military service. Some are in training camps, many at the front. It is exceedingly difficult to replace this labor now.

TERRE HAUTE, IND.—John G. Heinel, of the well-known firm of John G. Heinel & Son, already prominently identified with two local banks, has been elected president of the new Morris Plan bank of this city.

Pittsburgh Cut Flower Co.

AN UP-TO-DATE SUPPLY HOUSE.

This company has a splendidly equipped building. Frederick Burki, its president, formed the company primarily to handle the product of his large establishment and that of a few other growers of the neighborhood. More growers soon sought his market; then supplies were added, and now, in the large store of three floors, each 40x110 feet and a basement of similar size, all with high ceilings, there is to be found a wonderfully full and assorted stock of everything in florists' supplies. Wire designs are made in quantity on the third floor, labor-saving machinery being a great factor. Three car loads of corrugated boxes, bought before the rise, are a valuable asset, as is a large stock of florists' wire, also gathered in last year. The second floor is the basket department; four factories supply this stock in addition to the imported line. It is a very large and up-to-date assortment. Wax and artificial flowers occupy a large space, they being in great demand with the country trade. The first floor gallery contains a full line of ribbons, chiffons, letters, etc.

The cut flower business is transacted on the main floor, large refrigerators in the rear, store the stock when necessary. An old-fashioned ice box, now cooled by a cold storage plant, is fitted with zinc trays or drawers, in which can be stored 30,000 short stemmed roses, and Mr. Langhans, the chief here, says they are much better kept and handled in this way. The carnation section of the box, or room, is kept cool with fresh air from the outside.

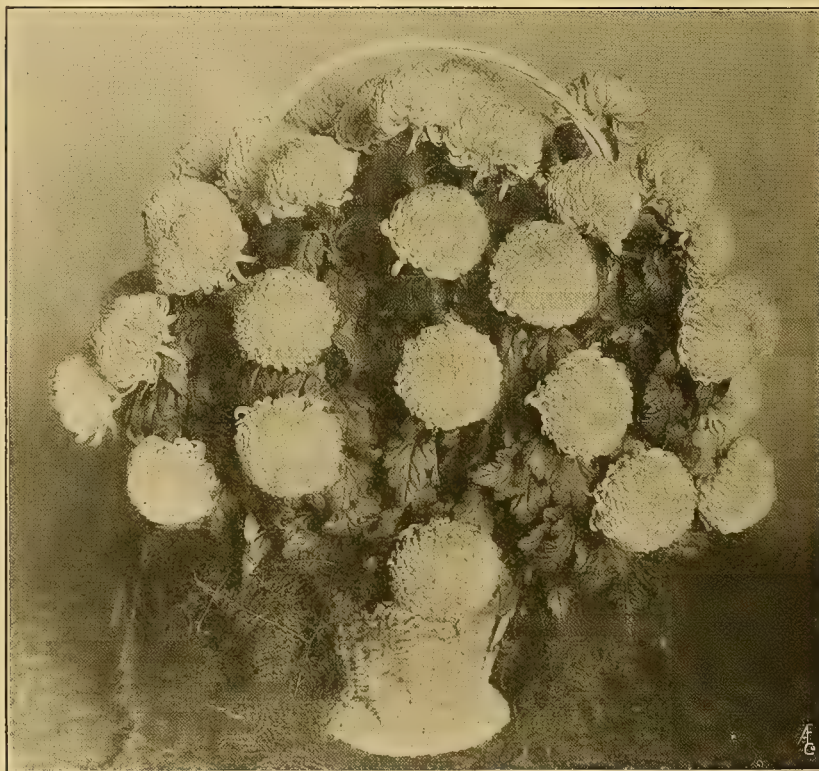
The basement has a large auxiliary box for wild smilax and other greens and peonies in season. Great bins are filled with sphagnum and sheet moss.

The automatic refrigerating plant and a large furnace in which all garbage and old flower stock is consumed have sections here. Boxwood, which is handled in large quantities, is all received direct from the growers by express, which insures its fresh condition. T. P. Langhans and W. A. Clarke are members of the firm, in charge and always on the job. Taking it all in all, this is one of the most complete supply houses of the country.

MODEL RANGE AT BAKERSTOWN.

When the ranges of glass that constitute the flower growing department of this great business loom suddenly into sight as one reaches the summit of the hill on the road from the station at Bakerstown, Pa., some 22 miles from Pittsburgh, its great extent, over 900,000 square feet, nearly all visible at once, is most surprising, even to the visitor who expected something large. The place is built on both sides of a ravine, at the bottom of which are two ponds that hold rain and spring water, which is pumped to an elevated tank on an adjoining hill, which furnishes the pressure. This is brought to a temperature of about 60 degrees, required for watering and syringing, during the winter season by a series of steam coils. The heating plants are also situated in the ravine; there are eight return tubular boilers of 150 horsepower each.

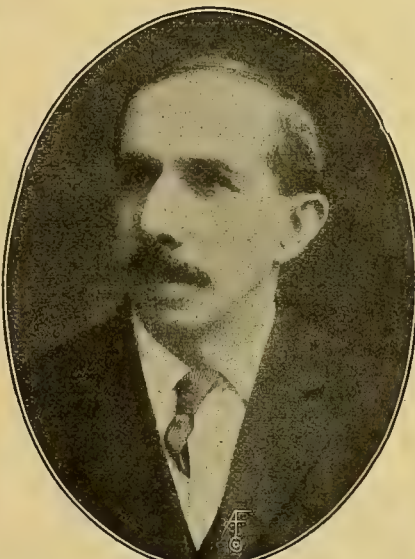
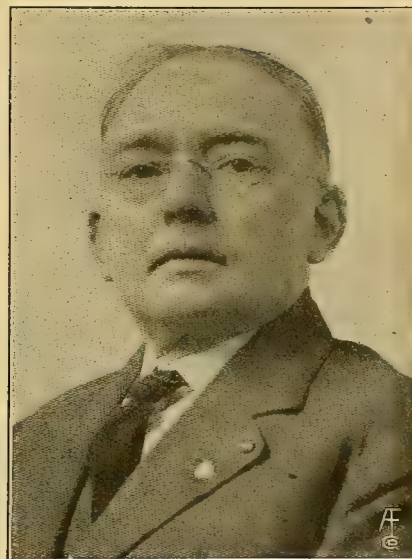
This is an intensely practical place—the houses are all Lord & Burnham iron construction, some in the very large carnation range form a series of roofs with narrow gutters, covering the slope of the side of the hill. This house must be 500 feet each way. The condition of the plants in this range and in two other large houses, 30x450 feet, is such as would gladden the heart of any grower. They show a health and vigor and wealth of



CHICAGO FLORAL ART AND NOVELTY SHOW.
Basket of Bonnaillon Chrysanthemums by Miss Frauenfelder.



GREENHOUSES OF THE PITTSBURGH CUT FLOWER CO., NEAR PITTSBURGH, PA.

T. P. Langhans, Secretary.
Pittsburgh Cut Flower Co.Fred Burki, President.
Pittsburgh Cut Flower Co.W. A. Clarke, Treasurer.
Pittsburgh Cut Flower Co.

buds that reflect great credit to the men in charge.

Two beds, five feet in width and 450 feet each in length, are filled with plants for stock from which the first bunch of cuttings have been taken. The varieties are those that are difficult to get shoots from when forced for flowers. About 300,000 young plants are raised—it takes 200,000 to fill the houses. Some are sold, and where stock is small they are doubled up in planting so as to insure full crops. When the stock plants are thrown out in the spring, carnations from small pots are planted close together in their place, where they are pinched and make stocky, bushy plants that are wonderfully benefitted before planting out time. Asters follow when these go outside and help to keep up the "jingle of the shekels" until the stock carnations again demand the space.

The flowering carnations are an all the year round crop, the old stock holding out until the young plants are ready to take their place. The varieties favored are White Wonder, their standard in its color; Winsor, which does not split for dark pink, and Mrs. Ward, Enchantress Supreme and Delight for light pink. White Perfection is best in hot weather. Planting commences

August 1 and goes on as fast as possible. Bone flour, sheep, and liquid manure are the stimulants when necessary, but good compost is the first essential. The carnation benches are five feet in width.

Three long benches of yellow daisies were a feature. These were planted in troughs six inches in width across the tables and about 12 inches apart. This is done to get them root-bound, so as to ripen the wood and make them throw flowers. Selected cuttings for these were rooted the first two weeks in June. In making cuttings, plants that show a short, stunted growth are avoided; only free-growing, lively looking shoots will make flowering wood—the heavy, closely leaved shoot that produces one large flower is particularly to be avoided.

The roses are kept to a high standard—there are about 75,000 plants. Fifty thousand of these are Killarneys, two-thirds pink, the balance white, some of them double. Richmonds are a feature and are done wonderfully well. A large house of Ophelia is easily up to its reputation full of long-stemmed buds. Mrs. Ward, some Shawyer, Cecile Brunner, J. L. Mock, which is one of cut-and-come-again kind, and Mrs. Russell, which latter does not quite fill the bill here for quantity,

make up the assortment. In one-half of a 50x400-foot house Killarney was being manipulated to be at its best at Thanksgiving, the other end for Christmas. After then, no more pinching until near Easter, when some long stock was thought advisable.

Asparagus is an important product; two very large houses are filled with stock for strings and sprays. There are also several quite large blocks in some of the other houses. Wires, similar to carnation supports, are used to keep up the sprays and give more light and air to the beds.

A low range of ridge and furrow houses are filled with chrysanthemums—28,000 plants. Nothing could be done better than these, planted in ground beds, green-leaved to the very soil; the large varieties grown two stems to a plant, supported with iron rose stakes, with one wire to each row the length of the bed, to which the tops of the stakes are fastened with a short clip. Pompons were masses of flowers, nicely supported with wires, as in carnation beds—a fine assortment. The large varieties favored were Smith's Advance, Polly Rose, Unaka, Golden Glow, Razer, the Chadwicks, Pink and White Chieftain, Bonaffon, Maud Dean and Old Time Ivory. There was a fine bed of Golden Wedding for late.

Ten thousand cattleyas, labiata just going out, and triana, a splendidly budded lot of plants that will be at their best at the holidays, filled a large house.

Much of the rose stock is grown on raised benches, with tiles laid the cross way to allow for drainage and circulation of warm air to the roots. Much importance was attached to this feature at first, but now it is being done away with as benches have to be replaced, the beds without tile having been found to do equally well, particularly as their soil is very porous.

Frank Kocher, the superintendent, under President Burki a grower of national reputation, has had charge of the place since 1902, when the first houses were erected and the splendid condition of the various stocks show him to be one of the most skilled growers of the country.

The McCallum Co., Pittsburgh, Pa.

This wholesale commission and florists' supply house occupies all floors of its building on Sandusky street, the first for their outflow, while the upper stories are the store rooms and wire work and basket departments, where a large force is kept busy working up stock and getting out special designs and baskets to order. The Company also has a large greenhouse establishment of some 80,000 feet of ground, covered with glass, the specialty being roses and carnations. Chrysanthemums are also grown.

The new chrysanthemum, Mrs. M. R. Morgan, originated with this firm. It is a beautiful Golden Wedding color, one of the sensations of last year's Cleveland show. They found a ready sale for 5,000 blooms this year. They are having a great booking for young plants. A white sport is being carefully propagated. In addition to stock of local consignors, this company handles choice roses, lily of the valley, orchids, gardenias, etc., from eastern growers, who find the Pittsburgh market an excellent one for high grade flowers at the best market price.

For the past 18 months there had been an excellent demand until only recently, in fact, Mr. McCallum said, the past week or two had been the first time in that period when there was any semblance of a glut and cold weather of the last few days had righted things again. He is sure that business will be good from now on, with a demand at good prices for all high grade stock.

A. W. Smith Co., Pittsburgh, Pa.

This splendid flower store is one of the largest in the country. Situated at the corner of Liberty and Sandusky streets, in the heart of the retail district, it is passed daily by many thousands of people. Its front on Liberty street is 30 feet, with a depth on Sandusky of 90 feet. Very large, continuous bulk windows give the interior an almost greenhouse illumination. A continuous and very ornamental ice box, 80 feet in length, borders one side of the store. On a row of irregularly placed tables are displayed plants, vases of flowers and all the up-to-date bric-a-brac of a first class store. The very high ceiling affords space for a 10-foot wide gallery, 80 feet in length. The work room and offices are on the third floor—a very large space, 60x90 feet, well fitted up for the various departments.

This is the home of the dollar box of flowers. This feature was started by the firm about 15 years ago, and was extensively advertised to get everybody in Pittsburgh and vicinity familiar with the house of A. W. Smith Co., Florists, and became so

popular and taxed their facilities to such an extent at holiday seasons, that they had to cut it out at all such busy periods, but the firm still advertises in street cars for week-end sales. Their sales for these boxes for special occasions grew from one thousand to two until finally they were swamped with orders for over 3,000 for Valentines Day. When asked if a reputation for \$1 boxes lowered the quality or cheapened business in the eyes of the public, Mr. Smith said he believed it did to a certain extent, but many of their customers were of the wealthy class, who were always sure of getting high grade flowers with them. They cater, however, to the middle class, who are the largest buyers, and he believes the extensive advertising was profitable as it brought them much of that trade of which the dollar box was but a small part. The company has taken up landscaping, which is now an important department, employing an office force of architects and draughtsmen and at times, in spring and fall, a very large number of outside men.

Much of the cut flower and nursery stock is grown at Canfield, Ohio, where they have 200,000 feet of glass. Another establishment, in the suburbs of Pittsburgh, of some 50,000 feet is stocked with decorative plants, and here also is forced their bulbous stock for the store.

Everything is done on a large scale, requiring a regular force of over 200 employees. It is one of the show places of the city—a revelation to the out-of-town visitor.

'Kasting Co.'s Formal Opening.

The Wm. F. Kasting Co., Buffalo, N. Y., had the formal opening of its new and commodious wholesale house, 568-570 Washington street, November 16, the entire establishment being thrown open for the inspection of the trade and their friends. A description of this model building is best given by starting with the basement where the power plant is located which operates the ice-making machine; also, the elevators, both freight and passenger. Here is also the storage room for shipping cases, vases and such other sundries as are in constant use. The main floor is given over almost exclusively to flowers, except the space reserved for the cases for ribbons, chiffons, etc., that are wanted in small quantities. The ice box, extending nearly the entire width of the store, is of the latest design and very commodious. This forms a partition separating the salesroom from the receiving and shipping departments at the rear. Large tables here are conveniently arranged for handling the stock.

The second floor is an up-to-date supply house, where baskets, doves, ribbons, paper, crepe, designs of all kinds, thread, string, etc., are kept in quantity. The rear of this floor is given over to a first-class wire factory where all the firm's wire work is made. The third floor is light and well ventilated and is admirably adapted for use as a show room for flowering and foliage plants, where at Christmas, Easter and other occasions customers can choose their plants and have plenty of room in which to make their selections. The fourth floor is used to house large stocks of moss, etc.

On the occasion of the formal opening the third floor was given over to dancing and refreshments, the visitors being welcomed by E. C. Brucker, surviving active partner, who was ably assisted by Wallace Eiss, secretary of the company, and La Fay Wilkey, executor. Messrs. Klinkenmeyer and Deutcher and Misses Cassidy and Nolan, all of whom are associated in

the sales and office departments, were also on the reception committee. Wm. F. Kasting, Jr., John Kasting and Miss Laura Kasting were also present and helped to perpetuate the name of Kasting.

Horticultural Society of New York.

The exhibition of the Horticultural Society of New York, which was held in the American Museum of Natural History, Seventy-seventh street and Central Park West, New York, November 9-12, was if anything a greater success than those of previous years and was attended daily by thousands of delighted visitors. While the specimen chrysanthemum plants did not compare in size with those staged last year, they were seen in greater numbers, the quality could hardly be improved upon, and their splendid arrangement in the main hall produced a marvelously striking color effect. The exhibits in the cut bloom section were also of high order. Among the odd shaped plants on display, many novelties came in for much attention. Two fan-shaped plants of different colors grown in the same tub, presented pink on one side and white on the reverse, while a bush grown to a steamboat shape complete with smokestack, etc., was another center of attraction. Roses, carnations, orchids and flowering and foliage plants were also featured with excellent stock.

In the chrysanthemum plant section, open to all, the awards were as follows: Adolph Lewisohn, Ardsley, N. Y. (John Canning, Supt.), five first prizes; W. B. Thompson, Yonkers, N. Y. (R. M. Johnston, Gr.), three first and three second prizes; Chas. Mallory, Port Chester, N. Y. (W. J. Sealey, Gr.), and G. D. Barron, Rye, N. Y. (James Linane, Gr.), one first and one second prize each; F. E. Lewis, Ridgefield, Conn. (J. W. Smith, Gr.), two second prizes; J. R. Lamar, Glen Cove, N. Y. (Robt. Marshall, Gr.), one first prize.

In chrysanthemum cut blooms, open to commercial growers, Chas. H. Totty, Madison, N. J., was first with seven first and one second prizes. Scott Bros., Elmsford, N. Y., captured second honors in the class for the collection of 25 varieties also in the two collections of pompons. In the chrysanthemum classes for non-commercial growers, the following were successful contestants: Adolph Lewisohn, Duke's Farm, Somerville, N. J.; Henry Goldman, Deal Beach, N. J.; Frederick Sturges, Fairfield, Conn.; Miss M. T. Cockcroft, Saugatuck, Conn.; Mrs. Payne Whitney, Manhasset, N. Y.; Mrs. F. A. Constable, Mamaroneck, N. Y.; Mrs. E. S. Beyer, Mt. Kisco, N. Y.; A. N. Cooley, Pittsfield, Mass.; G. B. Schley, Far Hills, N. J.; Adrian Iselin, Jr., H. M. Tilford, Tuxedo, N. Y., and E. L. Meyer, Huntington, N. Y.

In the division for rose cut blooms, open to commercial growers, F. R. Pierson Co., Cromwell, Conn., was first in the classes for 50 American Beauty and for 50 red, Louis A. Noe, Madison, N. J., and Chas. H. Totty, taking second honors respectively in the classes named. In the classes for 50 white, 50 pink and 50 yellow, Louis A. Noe captured the blue ribbons, with Chas. H. Totty second in the two last named. Mr. Totty was also awarded a silver medal for a variety not in commerce. Non-commercial growers who secured awards were: Richard Delafield, Tuxedo Park, N. Y.; P. Heeremans, Lenox, Mass.; Duke's Farm, Mrs. E. C. Converse, Greenwich, Conn.; Mrs. J. H. Flagler, Greenwich, Conn.; Mrs. Pauline Boettger, Riverdale, N. Y., and H. M. Tilford.

In carnation cut blooms in the commercial class, the Cottage Gardens Co.,

Queens, N. Y., captured high honors for 50 white; also a silver medal, sweepstakes for the finest vase and a diploma for a new variety. Leading contestants for honors among the non-commercial growers included Thomas Aitchison, Mamaroneck, N. Y.; Mrs. E. S. Bayer, Henry Goldman, W. B. Thompson, H. M. Tilford, Mrs. E. C. Converse, Mrs. Payne Whitney, G. B. Schley, F. Heeremans, Mrs. J. C. Brady, Gladstone, N. Y., and D. E. Oppenheimer, Yonkers.

In the foliage and decorative plant section, open to all, F. R. Pierson Co. was awarded first prize for a splendid display of *Nephrolepis exaltata* and its varieties. A splendid exhibit of bay trees staged by the Julius Roehrs Co., Rutherford, N. J., also took first honors in its class. The non-commercial exhibitors were W. B. Thompson, winner of the society's silver cup and \$50 in cash for group of plants occupying 150 square feet; Mrs. F. A. Constable, Mrs. Pauline Boettger, and G. B. Schley.

In the orchid groups, the Julius Roehrs Co., J. A. Manda and Lager & Hurrell were all first prize winners in the various classes. Thomas Moore, Hackensack, N. J., and Samuel Untermeyer, Yonkers, N. Y., were first and second respectively in four classes open to non-commercial growers. The Clement Moore special prize for hybrid, not the largest, but for the finest plant, was won by A. N. Cooley with *Laeli-cattleya Firminii*. This plant was also awarded the sweepstakes prize for being the best orchid plant exhibited.

Special prizes were awarded to Young & Nugent, John Scheepers & Co., Inc., Adolph Lewisohn, Roland R. Conklin, Albert Crane, R. Mortimer, Mrs. Wm. Barr, Geo. Giatras, Mrs. H. Darlington, Mrs. J. C. Brady, Frederick Sturges, Mrs. F. A. Constable, Clement Moore, Chas. Mallory and Wm. Shillaber. Chas. H. Totty was awarded certificate of merit for display of chrysanthemums and Duke's Farm received a silver medal for grapes and melons.

In the decorated dinner table for eight persons, chrysanthemum blooms only with any appropriate foliage, Mrs. Payne Whitney was first, W. B. Thompson, second and Thos. Aitchison, third.

The judges were Wm. Robertson, W. H. Waite, Wm. Mackay, Geo. Foulsham, Alex. Robinson and Thos. Wilson. The total attendance was 193,000.

Texas State Flower Show.

The third annual exhibition of the Texas State Florists' Association in conjunction with the Dallas Woman's Forum was held at Dallas, November 15-17, and proved to be the most successful in the history of the association. The premium list covered a wide range of subjects, with divisions for florists of the state only, those from points outside of the state and separate classes for amateurs. The entries were numerous and well staged and the competition in many of the classes was keen. Liberal prizes were donated by the following: E. C. Amling Co., Vaughan's Seed Store, Kroeschell Bros. Co., Foley Greenhouse Manufacturing Co. and Sefton Manufacturing Co., Chicago; Ralph M. Ward & Co., New York; Denver Wholesale Florists' Co., Denver, Colo.; Baker Bros., Fort Worth; H. Kaden, Gainesville; Texas Nursery Co., Sherman. The awards were as follows:

OPEN TO FLORISTS OF THE STATE.

Twenty-five white chrysanthemums—Drumm Seed & Floral Co., Ft. Worth, 1st; Lang Floral & Nursery Co., Dallas, 2nd.

Twenty-five yellow chrysanthemums—Lang Floral & Nursery Co., 1st; Drumm Seed & Floral Co., 2nd.

Twenty-five pink chrysanthemums—Drum Seed & Floral Co., 1st; Lang Floral & Nursery Co., 2nd.

Twenty-five chrysanthemums, any color—Drumm Seed & Floral Co., 1st; Texas Nursery Co., Sherman, 2nd.

Ten chrysanthemums, any color—Drumm Seed & Floral Co., 1st; Lang Floral & Nursery Co., 2nd.

Single bloom chrysanthemum, white—Drumm Seed & Floral Co., 1st; Bird Forrest, Waxahachie, 2nd.

Single bloom chrysanthemum, yellow—Texas Nursery Co., 1st; Lang Floral & Nursery Co., 2nd.

Single bloom chrysanthemum, pink—Lang Seed & Floral Co., 1st and 2nd.

Single chrysanthemum, any color—Texas Nursery Co., 1st.

Exhibit of pot chrysanthemums—Texas Nursery Co., 1st; Lang Floral & Nursery Co., 2nd.

The sweepstake prize on the above exhibits was won by the Drumm Seed & Floral Co.

FLORISTS OUT OF THE STATE.

Twenty-five white chrysanthemums—Denver Wholesale Florists' Co., Denver, Colo., 1st; Poehlmann Bros. Co., Morton Grove, Ill., 2nd.

Twenty-five yellow chrysanthemums—Poehlmann Bros. Co., 1st; Denver Wholesale Florists' Co., 2nd.

Twenty-five pink chrysanthemums—Mrs. R. E. Darbee, San Francisco, Calif., 1st; Poehlmann Bros. Co., 2nd.

Twenty-five chrysanthemums, any color—Denver Wholesale Florists' Co., 1st; Mrs. R. E. Darbee, 2nd.

Ten chrysanthemums, any color—Mrs. R. E. Darbee, 1st.

Single bloom chrysanthemum, white—Mrs. R. E. Darbee, 1st.

Single bloom chrysanthemum, yellow—Mrs. R. E. Darbee, 1st.

Single bloom chrysanthemum, pink—Mrs. R. E. Darbee, 1st.

Single bloom chrysanthemum, any color—Mrs. R. E. Darbee, 1st.

Exhibit pot chrysanthemums—Stuppy Floral Co., St. Joseph, Mo., 1st.

The sweepstakes prize on the above exhibits was won by Mrs. R. E. Darbee.

OPEN TO ALL.

Collection of not less than 100 chrysanthemums—Lang Floral & Nursery Co., 1st.

ROSES AND CARNATIONS—TEXAS FLORISTS.

Fifty assorted roses—Texas Nursery Co., 1st; Lang Floral & Nursery Co., 2nd.

Twenty-five American Beauty—Lang Floral & Nursery Co., 1st.

Fifty carnations, white—J. E. McAdam, Ft. Worth, 1st; Texas Nursery Co., 2nd.

Fifty carnations, pink—J. E. McAdam, 1st; Drumm Seed & Floral Co., 2nd.

Fifty carnations, red—J. E. McAdam, 1st; Wichita Nursery & Floral Co., 2nd.

Fifty carnations, new varieties—J. E. McAdam, 1st.

FLORISTS OUT OF THE STATE.

One hundred roses, white—Poehlmann Bros. Co., 1st; Gullett & Sons, Lincoln, Ill., 2nd.

One hundred roses, pink—Poehlmann Bros. Co., 1st; Gullett & Sons, 2nd.

One hundred roses, any other color—Gullett & Sons, 1st; Poehlmann Bros. Co., 2nd.

Twenty-five American Beauty—Poehlmann Bros. Co., 1st; Gullett & Sons, 2nd.

Fifty carnations, white—Denver Wholesale Florists' Co., 1st; Gullett & Sons, 2nd.

Fifty carnations, pink—Denver Wholesale Florists' Co., 1st; Gullett & Sons, 2nd.

Fifty carnations, red—Gullett & Sons, 1st; Denver Wholesale Florists' Co., 2nd.

Best varieties carnations, any variety or color—Denver Wholesale Florists' Co., 1st.

OPEN TO ALL.

Best table decoration—Lang Floral & Nursery Co., 1st; Dallas Floral Co., 2nd; Texas Nursery Co., 3rd.

Bride's bouquet—McKinney Nursery Co., Dallas, 1st; Lang Floral & Nursery Co., 2nd; Texas Nursery Co., 3rd.

Corsage bouquet—McKinney Nursery Co., 1st; Lang Floral & Nursery Co., 2nd; Dallas Floral Co., 3rd.

Best general exhibit plants and novelties—Lang Floral & Nursery Co., 1st; Stuppy Floral Co., 2nd.

Best basket of flowers—Lang Floral & Nursery Co., 1st; Texas Nursery Co., 2nd; Dallas Floral Co., 3rd.

Exhibit of blooming plants—Stuppy Floral & Nursery Co., 1st; Poehlmann Bros. Co., 2nd; Lang Floral & Nursery Co., 3rd.

Collection of ferns—Lang Floral & Nursery Co., 1st.

Best sweet peas, all varieties—J. E. McAdam, 1st.

The special prize of \$5 in advertising for the best 100 white roses was won by the Poehlmann Bros. Co.

Foley Greenhouse Mfg. Co., Chicago, 12 hotbed sash.

In addition to the commercial exhibits for competition there were a number for exhibition only.

The E. G. Hill Co., Richmond, Ind., large vase specimen blooms chrysanthemums and pompons.

Joy Floral Co., Nashville, Tenn., collection specimen blooms.

Elmer D. Smith & Co., Adrian, Mich., vase specimen blooms.

J. F. Wilcox & Sons, Council Bluffs, Ia., roses, carnations and chrysanthemums, also blooming plants.

Stuppy Floral Co., roses, carnations, sweet peas, calendulas, snapdragons and blooming plants.

Furrow & Co., Guthrie, Okla., large exhibit chrysanthemums, roses and carnations.

Park Floral Co., Denver, Colo., fancy cyclamen, azaleas and primulas.

Gullett & Sons, Lincoln, Ill., foliage plants.

H. S. Ely, Neosho, Mo., large collection blooming plants.

Poehlmann Bros. Co., large collection blooming plants, roses, carnations and chrysanthemums.

Denver Wholesale Florists' Co., large display roses, carnations and chrysanthemums.

McKinney Nursery Co., large display palms, ferns and blooming plants.

The 1917 flower show of the association will be combined with the meeting to be held at Waco in September.

T. C. R.

Lake Geneva Flower Show.

The twelfth annual chrysanthemum exhibition of the Lake Geneva Gardeners' Association, held at Horticultural hall, November 10-12, was a great success, the quality and arrangement of the subjects staged, being of the best and the attendance very satisfactory.

In the main hall the "Queen of Autumn" reigned supreme; huge exhibition blooms, graceful singles, dainty pompons, and anemones were all here in bewildering display, and in the class for large groups, these four types were blended with palms and ferns into one artistic whole. The prize winners here were J. J. Mitchell (A. J. Smith, Gr.), first; Mrs. F. T. A. Junkin (A. Johnson, Gr.), second; Mrs. N. W. Harris (A. Montgomery, Gr.), third. F. D. Countiss (A. Martini, Gr.), had an arrangement differing

slightly from the others. This evidently did not meet with the judges' favor.

In the class for group of singles, Mrs. A. C. Allerton (R. Blackwood, Gr.), took premier honors, C. L. Hutchinson (W. P. Longland, Gr.), being second. The latter exhibitor was first for group of pompons. A special prize was awarded Mr. Wrigley, Jr. (C. Lockwood, Gr.), for a group composed of both of these types.

In the class for 12 Wm. Turner, A. J. Smith led with very fine examples, being closely followed by A. Johnson and R. Blackwood. For 12 yellows A. J. Smith again won with Col. Appleton. For 12 pink, R. Blackwood was first with Elberon, C. Lockwood, second, and A. J. Smith, third. For 12 crimson, R. Blackwood and A. J. Smith won in the order named, showing F. T. Quittenton and Crimson Pockett. For 12 blooms, any other color, A. J. Smith won with Mad. L. Rousseau, while for 12 blooms, four varieties, R. Blackwood and C. Lockwood took first and second respectively.

The class for 10 blooms, 10 varieties, brought three competitors, R. Blackwood leading, A. J. Smith second, C. Lockwood third. For six blooms of Turner, R. Blackwood was again to the fore, while six, any other white, was annexed by Mrs. Boissot (J. Balsdon, Gr.). For six blooms one variety, incurred, Odessa was the winning flower, being exhibited in first place by R. Blackwood, A. Johnson, second, C. Lockwood, third. For six blooms pink, A. Johnson led with Well's Late Pink, C. Lockwood and R. Blackwood following in the order named. The same order was maintained in the class calling for six crimson. R. Blackwood scored again with six bronze, with Bronze Brighthurst.

Special mention must be made of the very fine specimen plants exhibited by R. Blackwood, A. J. Smith and A. Johnson, the former exhibitor's plant of Anna being awarded a certificate of merit. Other fine varieties were Greystone, Nellie Pockett and Klondyke. For singles in six-inch pots, A. Johnson, and W. Wahlstedt, gardener to Mrs. H. H. Porter were the respective winners. A. J. Smith led for single stems in the same size pots. This exhibitor also won for group of palms, using kentia, latania, and phoenix in good condition. A. Montgomery won in the group of foliage plants, using crotons, pandanus, dracaenas, etc. For specimen fern, A. J. Smith won with a fine piece of Polypodium Mandanum, while for three ferns, A. Martini won with good examples of nephrolepis, adiantum and polypodium. For six begonias, A. Johnson led with Mrs. Peterson, C. Lockwood second with Lorraine and J. Balsdon, third, with B. fuschoides. Single plants, A. Johnson, with Cincinnati. For basket of plants, Wm. Wahlstedt scored. Anything not scheduled, was won by A. J. Smith with vase of Liliun giganteum.

Roses and carnations were staged in the meeting room and were exceptionally fine in quality. For 18 blooms of American Beauty, A. J. Smith was awarded a certificate of merit. In the class for 12 Ophelia, C. Lockwood, R. Blackwood, and A. Johnson were the respective winners. For 12 white, R. Blackwood and A. Johnson won in the order named, both using Kaiserin Augusta Victoria. My Maryland produced three competitors, R. Blackwood, first, Ed. Swift (R. J. Sampson, Gr.), second, C. Lockwood, third. R. Blackwood won from A. Johnson for vase of yellow, both entering Sunburst. This he repeated with Hoosier Beauty, C. Lockwood being second. Mrs. Chas.

Russell produced but one entry, A. Johnson, with nice flowers.

In the class for 12 white carnations, A. J. Smith led, A. Johnson, and C. Lockwood being second and third. For light pink, Sensation, shown by A. Johnson, took the honors, A. J. Smith following with Philadelphia. In dark pink, this order was reversed, the varieties being Northport Beauty and seedling 1912. In the class for crimson, A. J. Smith won from C. Lockwood, both using Princess Dagmar. Twenty-five blooms, mixed, brought three entries; A. J. Smith, A. Johnson, and J. Balsdon winning in the order named. Vase of cut flowers, other than chrysanthemums, was won by R. Blackwood, using roses, A. Johnson, second, with Liliun Melpomene and Asparagus elongatum; C. Lockwood, third, with a mixed vase of Browallia speciosa, Cuphea platycentra and stevia.

Of vegetables and fruit there was not an extensive display, but the quality was of the best. A. Martini, A. Johnson, R. J. Niles, J. Balsdon, A. Montgomery, and C. Ackerson were the prize winners in the different classes.

The judging was efficiently carried out by Messrs. Head, McNaughton, and Francis, of Lake Forest, Ill.

F. W. S.

Cleveland Flower Show.

The executive committee will meet November 22 in the office of Wm. G. Mather, president of the Ohio Horticultural Society, to receive the final report of the second annual Cleveland flower show from M. A. Vinson, manager. At the same time plans will be started for the third annual show to be held on a big scale in the Coliseum, November 6-11, 1917.

The following is an additional list of awards not included in judges' report of November 11:

CERTIFICATES OF MERIT.

A. N. Pierson, Inc., Cromwell, Conn., group of novelty chrysanthemums not for competition.

Chas. H. Totty, Madison, N. J., group of pompon and single chrysanthemums, not for competition.

John A. Then, Chicago, new carnation Thenanthos.

Elmer D. Smith & Co., Adrian, Mich., new pink pompon chrysanthemum "Little Gem."

H. P. Eells, Cleveland, O., Asparagus Sprengeri.

HONORABLE MENTION.

A. N. Pierson, Inc., new chrysanthemum "Barbara Davis."

Nag-ir-roc Gardens, Wickliffe, O., group of palms and stove plants, and vase of pompon and single chrysanthemums.

Anna Dean Farms, Barberton, O., vase Sunburst roses not for competition.

New Orleans Flower Show.

The floral display which was a feature of the national farm show, held at New Orleans, La., November 11-19, was the largest ever held in that city and far ahead of anything before seen in the south, every florist in the city participating. Chrysanthemums were the feature, both specimen plants and cut blooms, and especially interesting to the public were the perfect types grown in 5-inch and 6-inch pots. There was also a good display of pompons and anemones. Practically every flower known in the south was included in the exhibition and the general arrangement of the exhibits was exceptionally good. Chas. W. Eichling was superintendent of the show and the judging was in the hands of

Emile Vallejo, pioneer florist; Alfred Weller, of Audubon park, and Fred Broecker, of City park.

A feature of the fair, at all times surrounded by admiring throngs, was a beautiful crown of flowers, designed by Harry Papworth, of the Metairie Ridge Nursery Co. On an immense pillow of yellow chrysanthemums rested the royal symbol of Rex, its gold represented by hundreds of yellow pompons, the lining, by rich colored Louisiana violets. It was thoroughly original and gorgeous, and typified New Orleans. H. C. T.

Texas State Florists' Association.

At the annual meeting of the Texas State Florists' Association held at Dallas, November 15-17, the committee on resolutions composed of H. O. Hannah, A. Y. Koehle and H. Kaden, reported as follows:

We, your resolution committee, appointed by you at a called meeting of the association, do herein report as follows:

First, the association extends sincere thanks to the ladies of the Dallas Woman's Forum for their earnest and continued work, for the concessions obtained by them, their constant attendance and enthusiastic support and zealous work in making this the best state flower show ever held by the Texas State Florists' Association.

Second, we thank the Dallas florists for their earnest work and their financial aid and their complete success in arranging exhibits and decorating the building.

Third, we extend our sincere gratitude to every exhibitor, but especially to those outside of our state for their magnificent and abundant display in cut flowers and plants. Much credit is due them for the success of the show and for which every florist should reciprocate.

Fourth, we extend thanks to everyone outside the state, who so liberally donated to make the show a success.

Fifth, we appreciate and thank the Dallas press and the trade papers for the space, good words and publicity given the show.

Sixth, we thank the citizens of Dallas for their attendance and liberal patronage.

We, your resolution committee, appointed by you at a called meeting of the association, herein report as follows upon the death of our much beloved fellow craftsman, Thomas Joy of the Joy Floral Company, of Nashville, Tennessee:

We express our sincere sorrow and sympathy to his bereaved family in their great loss. We recognized in him a man of great merit, who made the world more beautiful by his life and scattered sunshine and cheer in his association. His life among us was like an unfolding rose bud and we believe across the River in the Paradise above, it will unfold to a life of eternal happiness.

Resolved, That these resolutions be spread upon the minutes of this association, a copy be furnished his bereaved family and a copy furnished the trade papers.

ALTOONA, PA.—John Forbes, formerly head gardener at the August Belmont estate, Newport, R. I., will take charge of the Schwab estate here, December 1.

OTTAWA, ONT.—Scrim's on Catherine street, held its annual chrysanthemum show, November 9-11, and it was largely attended by the public. This year's exhibit was excellent both in quality of stock and arrangement, the variety being a noteworthy feature.

Cincinnati.**SLIGHTLY IMPROVED MARKET CONDITIONS.**

Business has shown a slight improvement since the time of the last writing, but it is not substantial enough as yet to make any material difference. The supply, though not as large at it was, still can more than take care of all present demands. A few days of cold weather last week were succeeded by balmy weather this week. Chrysanthemums are still in a glut and the chances are that this condition of the market will continue up to Thanksgiving. Roses, too, are very plentiful. Carnations are in a supply that is too large for present wants of the retailers. The Easter lily supply, too, is more than ample for present needs. Receipts of sweet peas, lily of the valley and orchids are equal to requirements. Calla lilies and Paper Whites have only an ordinary market.

NOTES.

P. J. Olinger has one new boiler at his greenhouses at New Castle, Ind., all set and ready for use.

J. A. Peterson & Sons are selling many begonias for the Thanksgiving trade.

C. E. Critchell has been having a big demand for roses.

Visitors: William Coats, Montgomery, Ala.; Martin Reukauf, of H. Bayersdorfer & Co., Philadelphia, Pa., and G. A. Beckman and wife, of Middletown, O.

H.

Kansas City, Mo.**GOOD SALES AT SATISFACTORY FIGURES.**

The supply of chrysanthemums has been heavy during the past week, but has shortened somewhat and allowed the stores to clean up and at slightly advance prices. All sizes were to be had, but the fancy blooms which sold as high as \$1 went best. Roses continue plentiful, but prices are remarkably moderate owing to chrysanthemum supply. Carnations are increasing in numbers daily and show better quality. White and yellow narcissi are seen in better supply and California violets are enjoying a good sale.

NOTES.

The Geo. M. Kellogg Flower & Plant Co. had a big week in both local and shipping orders. Stock of all seasonable varieties is arriving in good shape from the greenhouses. Mrs. Fred. Lamb, who was formerly manager of the city store five years ago, will take the position again January 1.

A. F. Barbe reports good business, especially in funeral work, of which he has had a big run. Chrysanthemums, roses and carnations are plentiful here and he has everything in tip-top shape for the Thanksgiving rush.

W. J. Barnes is having heavy cuts of chrysanthemums, carnations and white and yellow narcissi. Pot plants move well. The week was marked by a heavy call for funeral designs.

The Amateur Gardeners' Association at a meeting November 16 elected officers for the ensuing year and arranged for cups and prizes for the spring show.

F. L. Horst has joined the store force at Arthur Newell's. Business here is said to be very good and the biggest Thanksgiving business ever is expected.

H. Kusik & Co. report business increasing daily with plenty of good stock. They received 2,000 rolls of Christmas frieze last week.

Ed. Humfeld has received his azaleas from Belgium and says they look good. He will push them to be in for the Christmas trade.

Wm. L. Rock Flower Co. is making big preparations for the Thanksgiving business. Business in general has been very good.

The Alpha Floral Co. reports business good in all departments. Stock is plentiful and the quality very good.

L. M. Gilday Floral Co. reports a good run on corsage and funeral work, with good sales of chrysanthemums.

T. J. Noll & Co. report that stock cleans up nicely. Orders for holiday supplies are also coming in well.

The Longview Farm & Floral Co. is cutting fancy carnations and chrysanthemums.

Visitors: Wm. Fuhlbruegge, representing Vaughan's Seed Store, Chicago, and H. G. Knowlton with A. L. Randall Co., Chicago.

E. J. B.

Indianapolis, Ind.**SATISFACTORY SALES AND FAIR PRICES.**

Weather, the coldest previous to Thanksgiving in many years, was welcomed by the local trade, as it held back the crops and curbed the glut. Prices are fair and the demand, especially for roses and carnations, is satisfactory. Chrysanthemums are seen in wonderful array in all of the stores, the large varieties not detracting from the popular pompons. The supply is plentiful, the quality fine and the demand fair. Pot plants are still holding their own, with chrysanthemums and ferns in the lead. Azaleas are arriving from abroad, but are not up to their usual standard.

NOTES.

The E. G. Hill Co. had a very attractive and elaborate opening at their local store November 16-17. There was a wonderful display of chrysanthemums—pompons, singles, seedlings and large specimens—roses, standard and novelties of recent introduction, orchids, bouvardias and other flowers.

The Temperly decorations in the banquet hall at the Claypool hotel during the convention of the W. C. T. U. were splendidly executed, the color effect being carried out with yellow and white chrysanthemums. Some very fine Bonnaffons have been a feature at the Temperly store this season.

Stale chrysanthemum blooms of inferior varieties have been falsely advertised by two department stores as "Large, beautiful chrysanthemums at 5 cents each." Street boys and transients have also disposed of much cheap stock, which tends to decrease sales.

B. F. Hensley has added a new car to the delivery service of the Hensley Flower Shop and a large auto truck has been purchased which will transport stock from the range, at Knightstown, to the store.

Frank Melick has taken a position as head grower at the National Co-operative Show Gardens at Spencer, Ind.

Baur & Steinkamp are planning to erect one new house in the spring.

Visitors: Allan Humason, Chicago; Edwin Morner, Shelbyville, Ind.; C. F. Meyer, New York; J. G. Chisholm, Cincinnati.

M. E. T.

Detroit.**VERY LOW PRICES PREVAIL.**

Chrysanthemums dominate the market at present, and these with every item on the list of available flowers, are suffering alike from the low prices which are inevitable when the supply is so much in excess of the natural demand. Special sales of chrysanthemums and roses are alone responsible for the moving of the enormous stock this market has been afflicted with this fall, and but for these sales, with their low prices, the results for the growers would be still more deplorable than they are. With the prices of everything entering into the growing of flowers much advanced this year, little encouragement is held out to the

greenhouse men, who have, despite the disadvantages under which they labored, produced stock, if possible, superior to that of former years, and are forced to dispose of it at prices not at all commensurate with the cost of growing. Hope, however, is held out for better conditions when the weather is colder and the season advances. The football game at Ann Arbor, Mich., November 18, was responsible for an outlet for thousands of yellow chrysanthemums, but still the supply keeps up and it is likely that the crop will end before Thanksgiving as the late varieties are now being cut. The azalea importations are now arriving and as some were caught in transit during the excessive cold period, frozen plants are added to the florists' troubles. The coal question, too, is worrying many who are unable to keep supplied even at the excessive prices demanded, and very little encouragement is given by the dealers, for early relief from the present situation.

NOTES.

Chas. H. Plumb is building a bungalow at Point Tremble, near Algonac, on the shore of Lake St. Clair, and here he and his family will spend the summer months hereafter.

Ernest Herman, who has been Beard Bros.' foreman for the past 12 years, has left that firm and intends to take a well earned rest. J. F. S.

Pittsburgh, Pa.**STREET FAKIRS REAP HARVEST.**

Again the street fakirs had another glorious week. Plenty of all kinds of stock made it possible for the "street boys" to reap a harvest. The retailers make their usual complaint, but what can be done? The stock has to be sold, and if the retailers do not buy it all, the wholesale houses do the next best thing—sell it to the fakirs. It looks as if stock will shorten up very soon and prices will hold firmer, which will please everyone. Chrysanthemums are still holding the boards, with all other flowers just as plentiful. Toward the end of last week roses were selling a little better and may continue on the advance. Carnations are selling about the same as last week. Violets have had quite a call, which helps to hold up the price. Sweet peas are not arriving in such great quantities so far. Lily of the valley is still scarce. Some Paper Whites are on the market, but have little call. Lilies are still selling at low prices. We all look for better conditions this week.

NOTES.

Randolph & McClements have been very busy with weddings all week.

A full account of the florists' club banquet will be given next week.

M.

The Late William H. Donohoe.

William H. Donohoe, formerly well-known in the retail trade of New York, died suddenly of pleuro-pneumonia, in that city, November 14. He at one time conducted a retail store on 28th street, near Fifth avenue, which was an unfortunate enterprise. He later went to Boston and was there for several years; we believe, with different firms. During the past summer, he was at Newport, R. I., with one of the New York firms that conduct summer stores in that city. He was a clever designer, decorator and salesman. He is survived by a widow, Mrs. Anna G. Donohoe, and by his father, Frederick Donohoe, who is well-known in the florist and seed trade of New York. The deceased was about 43 years old. His funeral was held at the Church of the Holy Innocents, New York, November 16. Interment was in Woodlawn cemetery.

A. F. F.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time. Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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THANKSGIVING.

Advertisers and correspondents will please note that on account of Thanksgiving THE AMERICAN FLORIST will go to press one day earlier next week, and we trust they will mail their copy as early as possible.

REMEMBER freight shipments in box cars are traveling now at great risk. Freeze-ups are imminent in November and a drop to 20 above zero will damage nursery stock as well as more tender plants.

AZALEAS at auction in New York, Tuesday, November 21, 100 cases, 14 to 16-inch plants, went at 28 to 32 cents. A few cases of specimen plants were sold at \$1.50 each. Bulbs went at fodder figures.

Pottery Prices Advanced.

Makers of pottery have announced an increase of 20 per cent in prices. This is the third advance in a year.

American Carnation Society.

LOCAL CONVENTION COMMITTEES.

The following local committees have been announced for the annual meeting and exhibition of the American Carnation Society to be held at Indianapolis, Ind., January 31-February 1, 1917:

Entertainment—O. E. Steinkamp, Irwin Bertermann, Jos. H. Hill and Geo. Wiegand.

Reception—John Bertermann, Henry W. Rieman, Herman Young, George Gause and John Hartje.

Decorating—Homer L. Wiegand, Harry Pahud, C. Schomeyer and E. E. Temperly.

New membership—W. W. Coles, Fred Dorner, Fred Heinel, J. A. G. Haugh, and E. G. Hill.

Table—F. H. Lemon, Chas. Pahud, C. C. Thomas, C. H. Bookedis and John Rieman.

Information—Officers of the State Florists' Association of Indiana.

The state florists association are anticipating an unusually large attendance.

Chrysanthemum Society of America.

REPORTS OF EXAMINING COMMITTEES.

Boston, Mass., October 28.—Smith's Imperial, white Japanese incurved, scored 88 points commercial; exhibited by Elmer D. Smith & Co., Adrian, Mich.

New York, October 28.—October Herald, light bronze Jap, scored 87 points commercial; Miss Anola Wright, bright pink, Jap incurved, scored 86 points exhibition; Smith's Imperial, white Jap incurved, scored 88 points exhibition; exhibited by Elmer D. Smith & Co., Adrian, Mich.

Chicago, October 28.—Ella, bronze yellow anemone, scored 89 points; exhibited by H. W. Wehrmann, Maywood, Ill.

Chicago, November 4.—J. Hamilton Lewis, straw with lavender edge pompon, scored 92 points; exhibited by Peter Reinberg, Chicago.

New York, November 6.—Richmond, yellow Jap incurved, scored 86 points commercial; exhibited by the E. G. Hill Co., Richmond, Ind.

Philadelphia, Pa.—No. 3, lemon yellow Jap incurved, scored 89 points commercial; exhibited by G. A. Lotze, Glen Burnie, Md. No. 20, light bronze single, scored 88 points, exhibited by Manus Curran, gardener to Mrs. E. M. Horne, Sewickley, Pa. Golden Champion, deep yellow slightly tinged with bronze Jap incurved, scored 87 points commercial and 89 points exhibition; W. H. Waite, reddish bronze Jap incurved, scored 90 points commercial and 89 points exhibition; Louise Pockett, white Jap incurved, scored 88 points commercial and 88 points exhibition; exhibited by Chas. H. Totty, Madison, N. J.

Cincinnati, O., November 11.—Helen Lee, light pink incurved, scored 85 points commercial; exhibited by Elmer D. Smith & Co., Adrian, Mich.

Chicago, November 11.—Helen Lee, light pink incurved, scored 90 points commercial; exhibited by E. D. Smith & Co., Adrian, Mich. No. 9 yellow anemone, scored 89 points, exhibited by James Livingstone, Milwaukee,

Wis. Hilda Canning, bronze pompon, scored 92 points, exhibited by Mt. Greenwood Cemetery Association, Morgan Park, Chicago. No. 92 yellow incurved, scored 90 points commercial; No. 69 yellow incurved, scored 83 points commercial; exhibited by the E. G. Hill Co., Richmond, Ind.

CHAS. W. JOHNSON, Sec'y.

Chrysanthemum Gall Midge.

Attention is called to the possibility of serious injury in commercial chrysanthemum houses by this recently introduced insect, an European species, which has been reported during the past season from such widely distributed localities as Maine, Delaware, Oregon and California, not to mention intermediate or Canadian points. This small gall midge passes most of its life within the gall, consequently it is easily distributed with infested plants and this accounts for the wide dissemination noted above.

Last year this new American pest caused serious injuries in a commercial chrysanthemum house in Michigan, and subsequent reports indicate equal damage on the Pacific coast. All portions of the plant are attacked, especially the newer growth, badly infested chrysanthemums being dwarfed, the stems are frequently greatly swollen and the plant so distorted as to possess no commercial value. The individual galls are only about one-twelfth of an inch long, oval, and are usually marked by more or less swelling, the gall itself frequently lying at an oblique angle to the leaf or stem surface. Breeding is practically continuous throughout the winter under greenhouse conditions. The midge itself is a frail, reddish fly only about one-fifteenth of an inch long. One of the easiest methods of detecting young and relatively inconspicuous galls is to allow the leaf to slip through the loosely closed fingers, a process which readily discloses the presence of slight swellings.

There is no very satisfactory method of fighting the pest after it has once become established in a greenhouse, and chrysanthemum growers are advised to use every practical means of preventing the introduction of infested plants. Badly infested chrysanthemums should be burned (they are practically worthless) as they are simply breeding places from which the insect may spread to uninfested plants. Repeated fumigation with hydrocyanic acid gas may be of some value as a repressive measure, though by no means entirely effective.

E. P. FELT,

State Entomologist, Albany, N. Y.

Burpee's Hybrid Gladioli.

ED. AMERICAN FLORIST:

Referring to your illustration in THE AMERICAN FLORIST of November 18, page 914, of our exhibit of gladioli at the chrysanthemum show of the Pennsylvania Horticultural Society, a mistake is made in calling them primulinas hybrids. The gladioli we exhibited were all our new Fordhook hybrids, although, as I have been using primulinas in some of my crosses, a few of the spikes exhibited clearly showed the primulinas blood. They were, however, distinctly named Fordhook hybrids and the cards stated clearly that they were cut from plants the seed of which was sown June 13 and not July 1. GEORGE W. KERR.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By experienced American Beauty rose grower. Address Key 715, care American Florist.

Situation Wanted—By expert carnation grower and propagator; long years of practice; could take charge of big place and show good results. Address Key 722, care American Florist.

Situation Wanted—Mushroom grower experienced, wishes position to take charge of large mushroom plant. Apply to H. G. WILLIS Post-office, Delawanna, New Jersey.

Situation Wanted—Expert gardener seeks engagement on first-class estate. All references. Good wages expected in return for guaranteed results. Address Key 702, care American Florist.

Situation Wanted—By single man, age 27; 12 years' experience as gardener and florist; also decorator. Private place preferred. Best references, private and commercial. Address Key 689, care American Florist.

Situation Wanted—Young experienced salesman and designer is open for engagement in Chicago. Will consider \$18.00 per week to start. Ready to begin work immediately. Address, Key 721, care American Florist.

Situation Wanted—As working foreman on big commercial place growing roses and carnations; life-long experience and scientific practice; can handle men; sober and industrious; good references. Address Key 705, care American Florist.

Situation Wanted—Superintendent - gardener (head) seeks position; country estate; temperate; excellent greenhouse manager; landscape artist; knows live stock, engines; life experience; best references. A. PAWLITZ, 17 Vine St., Roxbury, Boston, Mass.

Situation Wanted—Designer with executive ability and experience in growing, desires responsible position; experience and credentials that assure results. Ohio preferred but will consider good proposition; young, married; a hustler. Address Key 710, care American Florist.

Situation Wanted—By a practical man 42 years of age, with 20 years' of experience in the florist business. An all around grower, salesman and designer; American born. Married and have one child 7 years old. Can furnish best of references. Please state wages in first letter. Address Box 473, Salina, Kan.

Situation Wanted—By Scandinavian, single, with over 20 years' experience in Scandinavia, England, Germany and America. Several years in charge of Greenhouses and outside. Cut flowers, forcing and propagating a specialty. Well up in care of parks. References are good. Address Key 717, care American Florist.

Situation Wanted—Seedsman wants situation; expert on grass, clover and field seeds; reliable vegetable and flower seedsman; languages, German, French and English; either in office, field, warehouse or on road; practical grower, with extensive European and American field and office experience; good catalogue and advertising man. R. GERARD, Ulster Park, N. Y.

Help Wanted—First class store man; state compensation and send references. Address SAMUEL MURRAY, 1017 Grand Ave., Kansas City Mo.

Help Wanted—Salesman calling on seed stores to carry side line; fast seller; good commission; pocket samples; any states. M. BAYERSDORFER, Huguenot Park, N. Y.

Help Wanted—Several florists wanted; young men with experience; reliable; steady position. Apply to HOTEL BILTMORE, Florist Dept., Madison and Vanderbilt Aves., New York.

Help Wanted—Saleslady and designer for large town, 50 miles from Chicago. \$12.00 per week to start. Address Key 000, care American Florist.

Help Wanted—Head gardener and outside vegetable grower; long time job to right man that can show results. Address COLEMAN, THE FLORIST, Sioux Falls, S. D.

Help Wanted—Two good rose growers for modern plant in Illinois; state wages, experience and enclose references in first letter. Address Key 693, care American Florist.

Help Wanted—Experienced man for roses, carnations, chrysanthemums and general stock; required on private place; state salary and experience. Address Box 424, Bettendorf, Iowa.

For Sale—Greenhouse and 6-room residence; big lot, no competition; all closed up; owner old lady; \$1200.00. Small payment; long time on balance. C. P. WALDO, Chillicothe, Ill.

For Sale—Two greenhouses, two acres of land; five-room dwelling, bath, modern improvements; fine water supply; Washington, D.C., suburb, on car lines. Apply C. LUCKEY, 2041 5th Ave., New York.

For Sale—Established flower store in Loop. Long lease, low rent, owner cannot give attention to business. Small amount cash required. This is a gold mine for a live florist. Address Key 706, care American Florist.

For Sale—High class flower store, with small greenhouse; located near Chicago; doing good business; reason for selling, wish to retire; \$1000 cash, balance on reasonable terms. Address Key 703, care American Florist.

For Sale—Owing to the fact that my store in the Palmer House needs my personal attention, I will sell my new place in the Edgewater Beach Hotel, Chicago, to some responsible party at very reasonable terms. Big bargain for a live wire. Act quick. JOHN MANGEL, 17 East Monroe St., Chicago Ill.

For Sale—A well established greenhouse plant, six houses 16 x 90 feet each, with modern equipment. A good retail trade in South Norwood, a suburb near Cincinnati, O. Reason, death of my husband MRS. HENRY SCHWARZ, Florist, Smith and Forest Ave., So Norwood, Ohio.

For Sale—15,000 feet of glass three houses 23x150, one house 10x150; well stocked with carnations, chrysanthemums, roses and pot plants, in fine condition, and situated in the heart of Birmingham's great industrial district. Ask for full particulars. These houses are practically new. Address F. G. KELLY, Florist, Ensley, Ala.

For Sale—Good paying retail store for sale at a bargain. Worth \$1500 but will sell for \$700 or \$800 cash. Books open for inspection. Store is in A1 condition and is an unusual buy. This is a splendid opportunity for a young fellow to start in business for himself.

M. B. HIRSCH, "The Willard Florist," 346 East Fifty-first Street, Chicago.

HELP WANTED.

Greenhouse Laborers.

At Hinsdale, Illinois, by Bassett & Washburn. Steady work all winter. Wages, \$2.50 per day. Apply to A. C. BENSON, Superintendent of Bassett & Washburn's Greenhouses, Hinsdale, Ill.

For Sale—Bargain; greenhouse, 4000 ft. of glass; fully stocked carnations, sweet peas, chrysanthemums and pot plants; Kroeschell boiler, 6 room dwelling with bath, electric lights, city water. Located on car line in best residential section of mountain health resort of 5000 population. In Eureka Springs, Ark., where thousands have been cured of kidney troubles, rheumatism, etc. Sales, \$2200.00 per year. No competition within 60 miles. Great opportunity for live man. Must be sold in 30 days. Excellent reason for selling. Price, \$3200.00; \$2000.00 cash, balance on time. Liberal discount for all cash. C. I. POOR, Eureka Springs, Ark.

Help Wanted

An all-'round seedsman, a man that knows the varieties—one that can sell, and a man that will make himself useful around the store. Will pay liberal salary to right man. No novice need apply. O. P. JACKSON & Company, Houston, Tex.

FOR RENT

Modern and up-to-date retail florist establishment located near Jackson Park. Store with fixtures and refrigerator. Conservatory 25 x 50 feet. One greenhouse 25 x 115 feet and one greenhouse 25 x 140 feet. Frontage 50 feet. Apply to

J. A. MICHAL,

7045 Stony Island Avenue, Chicago.

Florists' Auto Truck For Sale.

Fine, newly painted, 1916 model, Studebaker 3-ton, panel body truck for florists' business. Equipped with electric starter and lights, heating system, sides lined shelving, and front partitioned. Has been in use but six months and is in fine running condition.

Special Auto Delivery Service, 4835 Kenmore Ave., CHICAGO.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 600, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

American Florist Co., 440 S. Dearborn St., Chicago

CHRYSANTHEMUM NOVELTIES

— 1917 —

Our Novelties for 1917 are the best we have ever had. The finest of the year in the large flowering type will be—

LOUISA POCKETT

Mr. Pockett, who raised both varieties says that **Louisa Pockett**, will easily displace Wm. Turner as the best white in cultivation. From our knowledge of it I can endorse this statement.

In 1906 I distributed Beatrice May, which remained our standard white for years. Five years later in 1911, I distributed Wm. Turner and now after a lapse of five years, in 1917 I will distribute this sensational white that surpasses all others—**Louisa Pockett**.

This is a seedling from Turner but a larger flower and heavier grower.

Other splendid Novelties for 1917 will be: **Nag-Ir-Roc**, **W. H. Waite**, **Pres. John Everitt**, **October King** and **Bol d'Or**, January delivery, 2½ inch pots, \$16.00 per dozen; \$100.00 per 100.

We will also distribute Schaeffer's Phenomenal Japanese Anemones and our new **Singles** for 1917, are as usual, the **Finest in the World**.

CHARLES H. TOTTY, Madison, N. J.



Here Is a Sample of Our Well Known Product

Made from imported reed. Painted and decorated with the best enamel.

\$4.25 per dozen; \$35.00 per 100

Samples sent upon approval.

BASKET NOVELTY COMPANY

LEADERS IN HIGH CLASS BASKETS

73-75 West Houston Street,

NEW YORK

Columbus.

HEAVY SUPPLY OF CARNATIONS.

A feature of the market during the past two weeks has been a tendency toward a glut in carnations, which brought down prices as low as 50 cents a dozen. They are now firming, with 75 cents as the standard. Carnations this season are very fine stock. A new variety of deep pink is the favorite. The cuts of chrysanthemums are slowing down very rapidly, with the prospect that they will be scarce for Thanksgiving. Prices still range from \$1.50 to \$5. Pompons are about gone. Roses, though not abundant, have been meeting requirements, and there will be a fine crop for the holiday trade. Some florists believe that red varieties will have passed their best yield a little too soon to realize fully on the high prices which always prevail at Christ-

mas time. There will be plenty of other colors. Violets are prime stock and in unusual favor, at \$1 a bunch. The first sweet peas are in, but are small, 50 cents a bunch being the selling figure. A week or two hence will see ample quantities of more desirable stock. The lily of the valley situation remains a problem, florists being unable to meet the wants of consumers, even at nearly double the prices of a year ago. In anticipation of a record trade, florists are giving much attention to receipts of azaleas, poinsettias and other Christmas stock. Business is moderately good, and looms up large for the immediate future, because of many important approaching social events.

NOTES.

A \$2,000 planting contract is being taken care of by the Livingston Seed

Company at the state capitol grounds. This includes a hedge of California privet around the entire 10-acre space, to replace the historic iron fence that has enclosed the grounds for a generation. A number of catawba trees are being planted, which will line the promenade from the McKinley monument to the capitol steps.

Charles F. Meyer, the well-known bulb importer of New York, was here last week. He reports that it is practically impossible to get lily of the valley pips and prophesies a complete famine in this country later.

J.

ST. MATTHEWS, KY.—The New Nanz & Neuner Co. will add a new rose house and a palm house to its range here in the spring.

New Crop Lilium Giganteum

True Type--Positively The Best Bulbs Obtainable.

6 x 8, 400 to case, . **\$15.00** per case 8 x 9, 275 to case, . **\$17.50** per case
 7 x 9, 300 to case, . **15.00** per case 8 x 10, 250 to case, . **18.00** per case
 9 x 10, 200 to case, . **\$19.00** per case

BULBS FOR PRESENT PLANTING.

TULIPS. Per 1,000
 La Reine \$ 7.50
 Prince of Austria 12.00
 White Hawk 13.50
 Crown D'Or 16.00
 Gesneriana Sphat 10.00
 Cramoisi Brilliant 8.00
 Miss Wilmot 10.00
 Chrysolora 9.00
 Macrospila 9.00
 Maiden's Blush 9.50
 Proserpine 17.00
 Tournesol Red and Yellow 16.50
 Pottabakkor Scarlet 9.00
 Parisian Yellow 13.00

DARWINS. Per 1,000
 Europe \$13.00
 Sultan 10.00
 Farncombe Sanders 14.00
 White Queen 13.00

HYACINTHS. Per 1,000
 First Size \$38.00
 Second Size 25.00
 Miniature 14.00
 Grape Hyacinths 6.50

NARCISSUS. Per 1,000
 Golden Spur, D. N. \$18.00
 Golden Spur, S. N. 11.00
 Princeps, D. N. 10.00

GLADIOLUS FOR WINTER FORCING NOW READY.

Peach Blossom \$ 6.00
 Blushing Bride 5.50
 Colvillei Alba 5.50

NARCISSUS PAPER WHITE GRANDIFLORA.
 1,000 to case \$16.00

AMERICAN BULB CO.

A. MILLER, President.

172 N. Wabash Ave.,

Phone
 Randolph 3316

CHICAGO, ILL.

LATEST
 EDITION

Issued

August

1916

\$3.00

Postpaid to
 any address

AMERICAN FLORIST CO.'S

Trade Directory

Florists, Nurserymen and Seedsmen

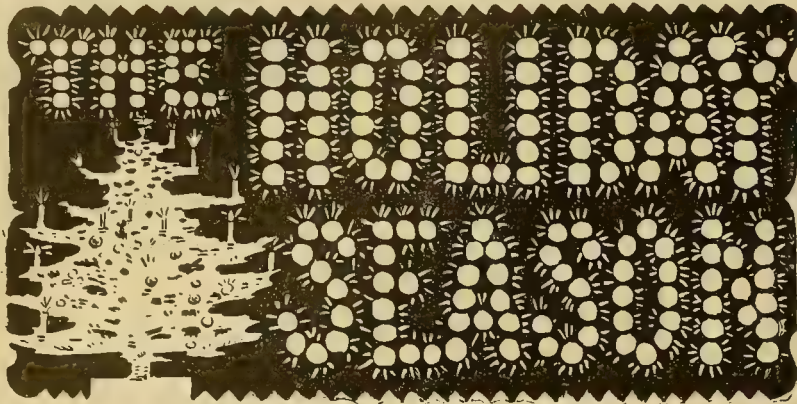
SAVES many times its price to every one who catalogues or circularizes the trade. Fully revised to date of publication, it puts the mail only to live names, avoiding waste of postage and printed matter, time and labor.

Contains 546 pages, lists of Florists, Seedsmen and Nurserymen of the United States and Canada by states and towns, also alphabetically, firms that issue catalogues, foreign merchants, horticultural societies and much other up-to-date information which makes it a reference book of daily utility wherever a wholesale trade is done.

PUBLISHED ANNUALLY BY THE

AMERICAN FLORIST COMPANY

440 S. Dearborn Street, CHICAGO



Look over the following items you can buy with your eyes shut and not go wrong:

Thanksgiving Offering

Carnations, Chrysanthemums, Pompons, Roses, Stevia, Lilies, Paper Whites, Boxwood and Winterberries

Our Carnations are fine; now cutting heavy supply. Expect to have plenty for everybody. In 'Mums, cutting Golden and White Chadwick, Bonnaffon, White and Pink Chieftain, Patty, Razer, Lynwood Hall.

THANKSGIVING PRICE LIST.

AMERICAN BEAUTIES.

	Per doz.
Long	\$6.00 to 7.50
36-inch	5.00
30-inch	4.00
24-inch	3.00
18-inch to 20-inch	2.00
Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00, \$12.00	

MRS. CHAS. RUSSELL.

Extra long	per 100		\$25.00
Long	per 100	\$18.00 to	20.00
Medium	per 100	12.00 to	15.00
Short	per 100	6.00 to	10.00
Milady	}	Long	\$10.00 to \$12.00
Ophelia		Medium	6.00 to 8.00
Brilliant		Short	4.00
Sunburst			

	Per 100
Killarney } Long	\$8.00 to \$10.00
White Killarney } Medium	6.00
Aaron Ward } Short	3.00 & 4.00
Richmond }	
Scott Key } Long	\$18.00 to \$20.00
Hoosier Beauty } Medium	12.00 to 15.00
Stanley } Short	6.00 to 10.00

MINIATURE ROSES.

Cecile Brunner	per 100, \$2.00 to \$4.00
Fireflame	per 100, 3.00 to 4.00
Baby Doll	per 100, 2.00
George Elgar	per 100, 2.00

FANCY CUT FERNS.

	Per 100
Hybridum	\$1.50
Adiantum	\$0.75 to 1.00

MISCELLANEOUS CUT FLOWERS.

CHRYSANTHEMUMS, per doz.,	\$1.50 to \$
POMPONS, per bunch .....	.50 to \$
CATTLEYAS, per doz	9.00 to 10.00
VALLEY	
PAPER WHITES	
CARNATIONS	3.00 to 4.00
LILIES	10.00 to 12.00
Stevia	per 100, \$2.00
Snapdragon	per 100, 8.00 to 12.00
Gypsophilla, \$1.00 per bunch.	

GREEN GOODS.

Mexican Ivy	per case, 6.00
Leucothoe sprays	
Sprengerl and Asparagus Sprays ..	\$2.00 to \$
Galax (bronze and green) ..	per 1,000, \$1.50
New flat ferns	per 1,000, 2.50
Wild smilax	per case, 6.00

SUPPLY DEPARTMENT THANKSGIVING BASKETS

50 Assorted Tumblers
With Liners, \$10.00

FLOWER BASKETS

24 to 30 inches high,
With Liners, Per doz., \$9.00

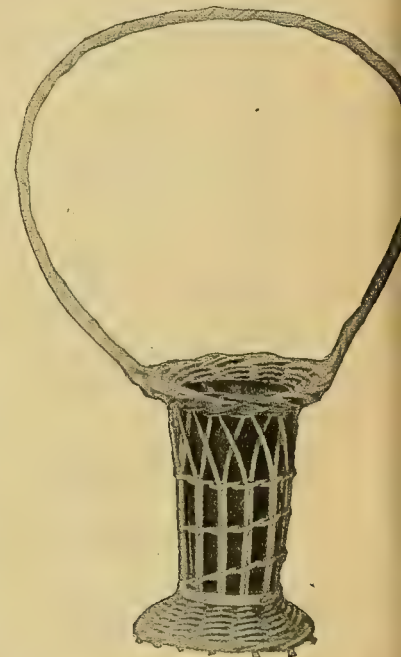
Our Leader Two Toned, Liner included
Per Dozen, - \$6.00

SPECIAL--SEND \$1.00

for a sample dozen Novelty Corsage Ties
and Baby Doll Showers. BE SURE AND
GET IN ON THIS--IT'S A BARGAIN.

Waxed Roses Oak Leaves Oak Sprays
Immortelles Ruscus Magnolia Wreaths

Our Leader--No. 224.



POEHLMAN

72-74 E. Randolph St.,

Kentias Western Kentias Headquarters

Largest and most complete stock offered in the West, in a healthy, strong and clean condition.

All previous prices quoted on Palms are hereby cancelled.

KENTIA FORSTERIANA SINGLE PLANTS.

Leaves	Each
6 inch pots 5-6 28 inches high...	\$ 1.25
6 inch pots 6-7 32-34 inches high...	1.50
6 inch pots 6-7 34-36 inches high...	2.00
8 inch tubs 6-7 40-42 inches high...	3.50
8 inch tubs 6-7 42-46 inches high...	4.00
8 inch tubs 6-7 50 inches high...	5.00
9 inch tubs 6-7 52-56 inches high hv	7.00
10 inch tubs 6-7 60 inches high...	8.00
10 inch tubs 6-7 60-65 inches high...	12.00
15 inch tubs 6-7 8 feet high...	40.00
15 inch tubs 6-7 9-10 feet high...	50.00

KENTIA BELMOREANA SINGLE PLANTS.

Leaves	Each
2 1/4 inch pots 4 \$1.50 per doz., \$12 per 100	
ins. high Per Doz.	
4 inch pots 5-6 16-18 45c each	\$5.00
6 inch pots 5-6 24 each	1.25
6 inch pots 5-6 28 each	1.50
8 inch tubs 5-6 42 each	5.00
Specimen plants, 15 inch tubs, \$75.00 each.	



KENTIA FORSTERIANA MADE UP PLANTS.

Plants	Each
6 inch pots 3 26-28 inches high...	\$ 2.00
7 inch tubs 3 30-32 inches high...	2.50
8 inch tubs 3 38 inches high...	4.00
8 inch tubs 4 48-50 inches high...	5.00
9 inch tubs 4 52 inches high...	6.00
10 inch tubs 4 54 inches high...	8.00
12 inch tubs 4 60-64 inches high...	12.00
12 inch tubs 4 66 inches high...	15.00
15 inch tubs 4 6-6 1/2 ft. high, heavy...	25.00
15 inch tubs 4 75-80 inches high...	30.00

ARECA LUTESCENS.

Plants	Each
6 inch pots 4 bushy, 24-26 inches high...	\$1.25

ASPIDISTRAS.

5 inch pots 10-12 leaves green...	\$1.00
6 inch pots 16-20 leaves green...	1.50
5 inch pots 10-12 leaves var...	1.50

Xmas Azaleas, Begonias, Cyclamens, Poinsettias

You will find it to your advantage to place your Christmas orders well in advance this year.

Araucaria Excelsa, 5 inch pot...	Each. \$0.50 to \$0.60
" " 6 " " "	.75 to 1.00
" " 7 " " "	1.25 to 1.50
Araucaria Robusta Compacta, 7 inch pot...	2.00
Larger Specimens, \$3.00 to \$5.00 each.	
Pandanus Veitchii, 4 inch pot...	\$0.35
" " 6 " " "	1.00
" " 7 " " "	1.25
" " 8 " " "	2.00
Crotons, 4 inch pot...	.40
" 5 " " "	.60
Rubber Plants, 5 inch pot...	.50 to .75
" 7 " " "	\$1.00, 1.50 and 2.00
Per 100.	
Asparagus Sprengerii, 3 inch pots...	\$ 6.00
" 4 " " "	10.00
Asparagus Plumosus, 2 1/2 inch pots...	3.50
" 3 " " "	7.00
Table Ferns, 2 1/2 inch pots...	3.50
" 3 " " "	8.00
4 inch pots, \$15.00 per 100.	
Each.	
English Ivy, 4 inch...	\$0.15
Holly Ferns, 5 inch...	.25
Coleus Emperor William, 5 inch...	\$0.25 to .35

Begonia Luminosa, 5 inch...	.20
Per 100.	
Begonia Chatelaine, 3 inch...	\$8.00
" 4 " " "	15.00
Each.	
Begonia Cincinnati, 5 inch...	\$0.75
" 6 " " "	1.00 to 1.25
" 7 " " "	1.50 to 2.00
Begonia Lorraine, 4 inch...	.30
Begonia Mellor, 5 inch...	.75
" 6 " " "	1.00 to 1.25
" 7 " " "	1.25 to 2.00
Begonia Mrs. J. A. Peterson, 4 inch...	.50
" 5 " " "	1.00

Cyclamen For November and December Delivery.

Per Doz.	
4 inch pot...	\$4.20
5 " " "	6.00
6 " " "	9.00
7 " " "	\$12.00, \$15.00, \$18.00
Each.	
Poinsettias, 6 inch pans...	\$0.50
" 7 " " "	.75
" 8 " " "	\$1.00 to 1.50

BOXWOOD, 15-18-20 inches, 50c, 60c and 75c each.

AZALEAS FOR CHRISTMAS--Order Your Supply Now.

Varieties—Mme. Petrick, Vervaeana, Petrick Superba, 75c, \$1.00, \$1.25, \$1.50, \$2.00, \$2.50, \$3.00, \$4.00, \$5.00, \$7.50.

A Nominal Charge is made for Packing.

N BROS. CO.

Long Distance Phone,
Randolph 35. CHICAGO, ILL.

CARNATIONS

Big Crop on for Thanksgiving.

\$3.00 to \$4.00 per 100.

CHRYSANTHEMUMS

Per dozen, \$2.00 to \$4.00.

POMPONS—35 cents to 50 cents per bunch.

CHOICE SHIPPING ROSES

RUSSELLS—We are growing the finest Russells arriving in this market. All visitors to the greenhouses in the Chicago district say that our Russell are the best here.

We cut our flowers tight in the bud as the majority of our trade is shipping. Flowers that are sold mostly to the city trade are allowed to open more than for the shipping trade. The roses which we are receiving in large quantities direct from our greenhouses within a few hours of being cut, enable us to fill all orders with strictly fresh stock. This is the great advantage of buying direct of the grower. Order here.

THANKSGIVING PRICE LIST

American Beauties	Per doz.
Specials, extra long stems.....	\$6.00
30 to 36-inch stems.....	\$4.00 to 5.00
Medium stems.....	2.00 to 3.00
Shorter lengths.....	1.00 to 1.50

Hoosier Beauty, Rhea Reid, Ophelia, Sunburst, Shawyer.

	Per 100
Special.....	\$10.00 to \$12.00
Extra long	8.00
Good medium.....	5.00 to 6.00
Short	3.00 to 4.00

Richmond, White and Pink Killarney Killarney Brilliant

	per 100,	\$8.00
Long.....	"	\$5.00 to 6.00
Medium.....	"	3.00 to 4.00
Short	"	

ROSES, our selection, in lots of 300 or more at the rate of \$30.00 per 1000.

White, Pink and Yellow CHRYSANTHEMUMS—Yellow Pompoms

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN

LONG DISTANCE PHONE:
CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

STOCK IS NONE TOO PLENTIFUL.

Stock is none too plentiful at this writing and a few brisk days would find the market completely cleaned up in all lines. Chrysanthemums are not as numerous as they have been and what stock in this line that is now being offered is bringing very satisfactory prices. Some fine white and yellow Chadwick, Indian Summer and a few late Bonnafon and Enguehard are included in the many offerings and are having a good call. Pompoms are seen in large numbers and there are enough to go around, but the receipts are not quite as heavy as they have been. In pompoms there are a large number of varieties being offered with Mrs. Beu, Billy Primrose, Quinola, Golden Wedding and E. D. Godfrey having the best call. Roses are rather scarce, especially in the shorter stemmed grades, and while there are plenty of long stemmed flowers to go around, there is no great surplus to speak of. Mrs. Chas. Russell and American Beauty are in good demand and clean up early at high prices. Sunburst, Ophelia and Richmond are reaching the market in

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

THANKSGIVING

With the new connections we have made the past six months with the foremost growers in this part of the country we are in a position to offer you the most complete variety of cut flowers controlled by any one concern. This means that we are equipped to handle your Thanksgiving orders to your entire satisfaction.

splendid condition and are moving nicely. The miniature roses, Baby Doll, Elgar, Fireflame, and Cecile Brunner are moving better than they have

been. Carnations are to be had in quantity, but are steadily advancing in price, as the quality is improving and some extra choice stock has sold



The Stock In Our Greenhouses Is As Usual In Excellent Condition Again This Season.

HEAVY SUPPLY ROSES FOR THANKSGIVING

SUPREME QUALITY

Beauties, Richmond, Milady, Ophelia, My Maryland, Killarney
White Killarney, Brilliant, Sunburst and Mrs. Chas. Russell

CARNATIONS

Heavy supply of choice stock in all the best new and standard varieties.
Our Quality Carnations are recognized as the best in the Chicago market.

'MUMS - POMPONS

Largest quantity of both that we have ever had for Thanksgiving.
Place your order with us and obtain the best for the least money.

Fancy Sweet Peas, Lilies, Lily of the Valley and Complete Line of Greens.

Buy Direct From The Grower

THANKSGIVING PRICE LIST

Subject to Change Without Notice.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems.....	\$5.00
48-inch stems.....	4.00
36-inch stems.....	3.00
30-inch stems.....	2.50
24-inch stems.....	2.00
20-inch stems.....	1.50
15-inch stems.....	1.00
Short.....	.75
\$6.00 to \$8.00 per 100.....	

Richmond.....		
Killarney.....		
White Killarney.....	Extra select	\$10.00
My Maryland.....	Select	8.00
Sunburst.....	Medium	\$5.00 to 6.00
Ophelia.....	Short	4.00
Milady.....		
Brilliant.....		

MRS. CHAS. RUSSELL—

	Per doz.
Specials.....	\$2.50
Select.....	\$1.50 to 2.00
Short.....	.75 to 1.00

	Per 100
ROSES, our selection.....	\$ 3.00
Carnations.....	\$ 3.00 to \$ 4.00
Chrysanthemums..... per doz.,	\$2.00 to \$3.00
Pompons..... per bunch,	.35 to .50
Sweet Peas.....	.75 to 1.50
Harrisii.....	12.50 to 15.00
Valley.....	6.00
Adiantum.....	1.00
Asparagus..... per bunch,	.50 to .75
Ferns..... per 1,000.....	2.50
Galax, bronze and green, per 1,000,	\$1.25
Boxwood.....25c per bunch; \$7.50 per case	

2,000,000 Feet of Modern Glass

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St.,

Long Distance / Central 2846,
Phones: " 601.

CHICAGO

FOR THANKSGIVING Chrysanthemums

POMPONS, BEAUTIES, ROSES, CARNATIONS

Very highest quality obtainable in the Chicago market, and plenty for everyone at the prices quoted below. Send us a trial order today and you will never regret it. **Seeing is believing.**

Thanksgiving Price List--

Subject to Change
Without Notice.

BEAUTIES		Per doz.
Extra select		\$5.00
36-inch stem		4.00
30-inch stem		3.50
24-inch stem		2.50
20-inch stem		2.00
15-inch stem		1.50

ROSES		Per 100
Killarney	Select	\$8.00
White Killarney	Fancy	6.00
Sunburst	Medium	4.00
Richmond	Short	3.00
Killarney Brilliant		
Ophelia		

OUR SELECTION		Per 100
Elgar		\$4.00
Baby Doll		2.00

CARNATIONS		Per 100
Select		\$4.00
Fancy		3.00
Medium		2.50

CHRYSANTHEMUMS		Per 100
(All Colors)		
Fancy	per doz.,	\$2.50
Good	per doz.,	\$1.50 to 2.00
Small	per 100,	8.00 to 10.00
POMPONS	per bunch,	35c to 50c

MISCELLANEOUS		Per 100
Valley		\$ 6.00
Lilies		\$12.50 to 15.00
Adiantum		1.00
Ferns	per 1000,	\$2.00 to 2.50
Galax, bronze and green	per 1000,	1.25
Smilax	per doz.,	2.00
Asparagus Sprengeri	per bunch,	50c
Asparagus Plumosus	per bunch,	50c

All Other Green Goods at Market Prices.

WIETOR BROS.

162 N. Wabash Ave., L. D. Phone Randolph 2081 CHICAGO

at \$3.00 and \$4.00 per 100, but these instances have been rare and the bulk of the stock is selling around \$2.00 per 100. Orchids are scarce and so are gardenias, which are in brisk demand. Sweet peas are in good supply, but a couple of large orders would clean up the offering in a hurry. Lilies are seen everywhere in quantity and are hard to move at anywhere near reasonable prices. Paper White narcissi are to be had in quantity, and the same holds good for calendulas. Daisies, snapdragons, stevia, bouvardia, forget-me-nots, sweet alyssum, strawflowers, mignonette, cornflowers, and cut cyclamens are to be had and at times clean up well. Violets have sold better this week than they have for a long time and at times were scarce. Lily of the valley is in brisk demand and continues to clean up quickly at high prices. Pussy willows, red winter berries, wild smilax, boxwood and other green goods are in large supply. Thanksgiving orders are starting to arrive and from present indications there will not be any too much stock offered, although there may be enough to go around with the possible exception of chrysanthemums, pompons, lily of the valley and certain varieties of roses. Out-of-town buyers will find it to their advantage, as we mentioned last week, to place their orders well in advance.

AMLING TO MOVE.

The E. C. Amling Co. has leased the main floor and basement of the Durand building at 169-175 North Wabash avenue, directly across the street from its present location, for a term of 10 years and expects to occupy it about January 1, 1917. The Amling Co. has been crowded for room for some time and as it was impossible to secure available space adjoining the

Roses==Carnations==Chrysanthemums

Everything else in seasonable Cut Flowers and Greens.

Supplies For Fall Decorations

Natural Prepared Oak Sprays--Colored Ruscus
Magnolia Leaves--Baskets--Ribbons--Chiffons.

Write for our weekly wholesale cut flower price list.

O. A. & L. A. Tonner
30 E. Randolph Street, Phone, Central 6284. CHICAGO, ILL.

Mention the American Florist when writing.

present quarters it was necessary to do the next best thing and that was to secure space elsewhere. The Durand building was found to be the most suitable and will give them about 10,000 square feet of floor space counting the large balcony on the main floor, which is practically two and one-half times larger than the space they are now using. The building is 60x120 feet with a basement 80x120 feet, and will be placed in first class condition as rapidly as possible. The Amling Co. still has a lease on the store it now occupies which will be on the market as soon as the new quarters are ready for occupancy. When the basement in the Durand building is fitted up properly the firm might possibly sublet to others provided there will be any space to spare and it is understood that there are already applications for same.

NOTES.

Poehlmann Bros. Co. received five cars of azaleas last week and four more are expected at any moment. The stock came through in pretty good shape, considering conditions and insures the firm of its Christmas and Easter supply. This firm has had an exceptionally brisk demand for pot chrysanthemums this season and are practically sold out already. Their cyclamens and begonias are in grand condition and are greatly admired by the many visitors to the greenhouses. Otto W. Frese, of the store force, visited the greenhouses, November 18, and is more than pleased with the unusually fine condition of the stock in general throughout the entire range.

Erne & Klingel are strong on lilies and all other seasonable cut flowers, and are featuring a particularly fine grade of smilax.

BANNER
SUPPLY!BANNER
SUPPLY!

Our Thanksgiving Supply This Year Will Be the Largest, Finest and Most Complete Ever. Remember, You Will Make No Mistake If You Place Your Thanksgiving Orders With Us.

THANKSGIVING PRICE LIST—In Effect November 26.

AMERICAN BEAUTY Per doz.	
Extra long stems	\$5.00
Stems 30 to 36 inches.....	4.00
Stems 24 inches	3.00
Stems 18 inches	2.00
Stems 12 inches	1.50
Short Stems	1.00, \$6.00 to \$8.00

MRS. CHAS. RUSSELL Per 100	
Special	\$20.00 to \$25.00
Select	12.00 to 15.00
Medium	8.00 to 10.00
Short	5.00 to 6.00

ROSES	
Richmond, special	10.00 to 12.00
“ select	6.00 to 8.00
“ short	3.00 to 4.00
Milady, special	10.00 to 12.00
“ select	6.00 to 8.00
“ short	3.00 to 4.00
Killarney Brilliant, special	10.00 to 12.00
“ select	6.00 to 8.00
“ short	3.00 to 4.00
Hoosier Beauty, extra special	15.00
“ special	10.00 to 12.00
“ select	6.00 to 8.00
“ short	3.00 to 4.00

ROSES—Continued. Per 100	
Ophelia, special	\$10.00
“ select	6.00 to 8.00
“ short	3.00
White Killarney, special	8.00 to 10.00
“ select	4.00 to 6.00
“ short	3.00
Killarney, special	8.00 to 10.00
“ select	4.00 to 6.00
“ short	3.00
Mrs. Ward, special	8.00
“ select	4.00 to 6.00
“ short	3.00
Sunburst, special	8.00 to 10.00
“ select	4.00 to 6.00
“ short	3.00
Cecile Brunner	2.00 to 3.00
ROSES, OUR SELECTION	4.00
Extra special roses billed	accordingly.

CARNATIONS	
Good Common	\$ 2.00 to \$ 3.00
Large and fancy	4.00
CHRYSANTHEMUMS Per doz.	
Small	1.00 to \$ 1.50
Medium	2.00 to 2.50
Fancy	3.00 to 4.00
Pompons.....per bunch, 25c to 50c	

MISCELLANEOUS Per 100	
Violets	\$ 0.75 to \$ 1.00
Valley	6.00
Easter Lilies	12.50 to 15.00
Stevia	1.50
Strawflowers .....	.25 to .35
Calendulas	2.00 to 4.00
Paper Whites	3.00
Daisies	1.50 to 2.00

ORCHIDS Per doz.	
Cattleyas	\$7.50 to \$9.00
Vandas, fine large sprays, 25c per flower.	
Dendrobiums and Oncidiums at Market	

GREENS	
Asp. plumosus, per string...	\$0.50
Asp. plumosus sprays, bunch, \$0.35 to	.50
Sprengerii .....	.35 to .50
Adiantum	per 100 1.00
Smilax, choice.....per doz.	1.50 to 2.00
Fancy ferns	per 1,000 2.00 to 2.50
Galax leaves	per 1,000 1.25
Wild Smilax	per case 5.00
Boxwood	
“ per lb., 25c; 50 lb. case..	7.50
Red Winter Berries.....	
....\$2.00 to \$3.00 per case	

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave. Chicago

A. B. C.

“WATCH US GROW”

CORSAGE

RIBBONS, PINS, SHIELDS, TIES and NOVELTY EFFECTS

AMERICAN BULB CO., IMPORTERS OF FLORISTS' NECESSITIES
172 N. WABASH AVENUE, CHICAGO, ILL.

Martin Goerger, of Goerger Bros., Arlington Heights, was in the city buying coal this week and had difficulty in securing what he needed for immediate delivery at \$5.00 per ton, which is considerably more than his old contract price calls for and which his regular dealer so far has failed to deliver. Nearly all the growers are meeting with the same experience and are having all kinds of trouble to obtain a large enough supply to carry them through the winter, even at the advanced prices. Mr. Goerger says that his brother Martin, who is associated with him in business, and is serving in the German army, had one of his legs smashed by a shell, according to a letter he received from his sister early last February.

Peter Reinberg is in good crop with Sunburst and Ophelia roses, which Felix Reichling reports are in brisk demand at the store. Emil Reichling says that the new rose Champ Weiland will replace Killarney at the Reinberg greenhouses next season. A large crop of Mrs. Chas. Russell are in sight for Christmas and will come in handy, owing to the small number of American Beauty roses that are now being grown here.

Zeck & Mann are handling a fine supply of sweet peas and will have a large quantity to offer for Thanksgiving, in addition to all the other seasonable offerings, if the weather is anywhere near favorable. This house is moving large quantities of asparagus, for which it is headquarters.

A. B. Barber, of the Jones-Russell Co., Cleveland, O., was a visitor November 16. He is interested in the Park Flower Shop Co., Inc., which also has stores at Cleveland, Akron and Youngstown, O.

A. T. Pyfer & Co. are receiving a large supply of choice carnations from the V. Bezdek greenhouses at Wilmette, particularly White Wonder and Winsor, which are second to none in this market.

R. J. Mohr, formerly with A. Lange, and later with A. T. Pyfer & Co., is now employed in the supply department of the A. L. Randall Co.

Sam Seligman is showing the American Bulb Co.'s customers fifteen new corsage ribbons.



THANKSGIVING PRICE LIST

ROSES

American Beauty—	Per doz.	
Extra long stems.....	\$5.00	
Stems 30 to 36 inches.....	4.00	
Stems 24 inches.....	3.00	
Stems 18 inches.....	2.00	
Stems 12 inches.....	1.50	
Short stems.....	100, \$6.00 to \$8.00	
Mrs. Chas. Russell—	Per 100	
Good	\$ 6.00 \$ 8.00 \$10.00	
Extra Fancy	12.00 15.00 20.00	
Ophelia	6.00 8.00 10.00	
Sunburst	6.00 8.00 10.00	

Killarney, White Killarney, Killarney Brilliant and Richmond.	Per 100
Long	\$6.00 to \$8.00
Medium	5.00
Short	4.00
Specials billed accordingly.	

CARNATIONS, good	4.00
Special fancy	5.00

CHRYSANTHEMUMS

Select	\$3.00 to \$4.00 per doz.
Medium	2.00 to 2.50 per doz.
Short	1.00 to 1.50 per doz.
Pompons, per bunch.....	25c, 35c, 50c each

MISCELLANEOUS

	Per 100
Daisies	\$ 1.00 to \$ 2.00
Calendulas	2.00 to 3.00
Sweet Peas	1.00 to 1.50
Lilies	12.50 to 15.00
Violets, double .....	.50 to 1.00
Paper Whites	3.00
Strawflowers .....	.35c per bunch
Ferns	\$2.50 per 1000
Asparagus, per bunch.....	35c to 50c each
Sprenger, per bunch.....	25c to 35c each
Order Here and Get Satisfaction.	

A. T. PYFER & CO.

Wholesale Florists

30 E. Randolph Street,

Long Distance Telephone
Central 3373

CHICAGO, ILL.

Wietor Bros. are having a good call for pompons, particularly Billy Primrose and E. D. Godfrey, which N. J. Wietor believes are the two best late pink varieties being grown today. This firm will have a large supply of chrysanthemums to offer for Thanksgiving, including Indian Summer, Seidewitz and Chadwick. Some fine Killarney Brilliant roses and Rosette carnations are included in the regular shipments from the greenhouses.

L. A. Tonner has a pecan shelling factory at her home where quite a number of young ladies are employed and does quite a business in this line which is a side issue with her. O. A. & L. A. Tonner, of which firm she is a member, is booking quite a large number of orders from the trade for pecans and will be pleased to supply anyone with their Christmas supply at very attractive prices.

E. F. Winterson and Fritz Bahr escorted a party of fourteen horticulturists of Highland Park, through the West Park system last Sunday, November 19, and found everything in splendid condition, especially the chrysanthemum display at the Garfield Park conservatories where August Koch took the visitors in charge.

Poehlmann Bros. Co. had quite an exhibit at the Texas State Flower Show, held at Dallas, Texas, November 15-17 and as usual won a large number of first prizes, including the blue ribbon on American Beauty roses. The Foley Greenhouse Manufacturing Co. had an exhibit of hot bed sash.

Bassett & Washburn will be in heavy crop with carnations for Thanksgiving and will also have a good supply of roses to offer. Business has been good all week at this establishment with stock of all kinds clearing up completely every day.

BIG THANKSGIVING CROPS ROSES, CARNATIONS, 'MUMS, POMPONS, GREENS, ETC.

WRITE FOR PRICES.

SINNER BROS., 158 N. Wabash Ave., Chicago

The firm of J. A. Budlong is now comfortably situated in its enlarged quarters and everything is all set for the Thanksgiving rush. Manager Schupp is enthusiastic over Budlong's present location which is second to none in the city.

Sidney Buchbinder, manager of Buchbinder Bros., manufacturers of florists' refrigerators and store fixtures, is the proud owner of a new Winton Six. He has just taken his third degree in Masonry in Washington Park lodge.

The A. L. Randall Co. is having a special sale on Christmas ribbons this week in the supply department. In the cut flower department a splendid shade of Ophelia roses is attracting the attention of the many buyers.

Percy Jones is strong on carnations and Paper White narcissus and will have a heavy supply to offer for Thanksgiving. Chrysanthemums and pompons are also being handled in quantity and are in brisk demand.

Rudolph Kurowski says that business in the greenhouse manufacturing line is holding up remarkably well and that the John C. Moninger Co. never

was busier at this time of the year than it is right now.

O. J. Friedman has added a Ford to his delivery service. It is finished in olive green and gold lettering and is in keeping with his magnificent Michigan avenue establishment.

French & Salm, Union Grove, Wis., are cutting from a splendid crop of Mrs. Chas. Russell roses which they are consigning exclusively to the E. C. Amling Co.

The Henry Wittbold Co. has been incorporated for \$50,000 and will make its headquarters at Central and Nanzic streets in Evanston.

Andrew Bensen, orchid collector for Poehlmann Bros. Co., will make another trip to South America, leaving sometime in December.

Gustav Raedlein of the Raedlein Basket Co., has been confined to his home for several days with rheumatism.

At M. C. Gunterberg's store violets have been in good demand all week and cleaned up nicely every day.

Hoerber Bros. are cutting from a fine crop of white and yellow Chadwick chrysanthemums.

We Have a Dependable Supply FOR THANKSGIVING

and can furnish you with whatever you may require; so why not send your orders to us, where they are always sure to be taken care of?

YELLOW—WHITE—PINK.

Heavy Supply 'MUMS High Quality

**Large Supply of Choice Roses in the Leading Varieties,
Of Excellent Quality That Are Sure to Give Satisfaction.**

NOVELTY ROSES: Cecile Brunner or Sweetheart—Baby Doll—George Elgar.

CARNATIONS

In All the Leading Varieties and Colors.

Special prices on quantity lots of 500 or more.

VALLEY--LILIES

Our Blue Ribbon Brand speaks for itself.
Daily supply of Valley as well as Lilies.

'MUMS and POMPONS

Can supply in Yellow, Pink and White varieties.

VIOLETS

Fragrant Home-Grown Single Violets.

SNAPDRAGONS

Choice White, Pink and Yellow.

Why Not Use The Best For Your Trade?

We never failed to take care of our customers during the extreme scarcity existing last spring. This year finds us situated better than ever to supply you, as we are receiving the output of several large new growers in this vicinity, together with the usual supply from our large range.

Our offerings consist exclusively of strictly fresh home-grown stock—bound to reach you in good condition.

You can increase your profits and business by sending us your orders.

Remember, we make no charge for boxes or packing which in itself is a saving to you.

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

GUT FLOWERS

Prices
As
Low
As
Others.

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

The George Wittbold Co. has moved its offices in its new retail store building and it is very likely that the store proper will be ready for occupancy in a few days. Wittbolds certainly have a magnificent establishment and it is well worth going a long distance to inspect. This firm has a beautiful supply of boxwoods, aucubas and lauracerasus on hand and is in splendid position to handle all orders.

H. E. Philpott left for St. Paul, Minn., November 21, after spending a few days in the city. He is financially interested in a new range of three Dietsch houses at St. Paul, which he built for Frank Gustafson last summer. After spending a few days there he will leave for his home in Winnipeg, Can., returning here in time for the Christmas holidays.

Several shipments of azaleas, palms, rhododendrons and other imported

PREPARED CYCAS LEAVES

BEST QUALITY.

PERFECT COLOR.

VERY PLIABLE.

100 Assorted Sizes up to 36 inches long, \$4.80.

GET OUR LATEST LIST OF OTHER SUPPLIES.

GEO. H. ANGERMUELLER

Wholesale Florist

1324 PINE STREET

ST. LOUIS, MO.

HEAVY
SHIPMENTS.

Violets for Thanksgiving

WRITE FOR
PRICES.

M. C. GUNTERBERG, 158 N. Wabash Ave., CHICAGO, ILL.

stock were frozen in transit and were almost a total loss. One of the growers who lost a shipment of palms says that the reason his stock was frozen was because the ventilators were left open in the railroad cars.

The Chicago Flower Growers' Association is having a good call for pussy willows, which it is handling in quantity, in addition to a most complete line of cut flowers, particularly roses and carnations.

BIG SUPPLY!

Thanksgiving Cut Flowers—Complete Line, Including Greens

Prices are Right—Place Your Orders Here.

ERNE & KLINGEL

Wholesale Florists

30 East Randolph Street,

L. D. Phone 6578

CHICAGO, ILL.

At A. L. Vaughan & Co.'s store, chrysanthemums and pompons are arriving in large quantities every day and everything points to a good supply for Thanksgiving. American Beauty roses and orchids are in brisk demand at this establishment, and clean up quickly at good prices.

Mrs. Irby, of the Flower Shop, Memphis, Tenn., was in the city this week, buying stock for Thanksgiving and Christmas.

Kyle & Foerster are pleasing their trade with a choice grade of stevia, which they are handling in quantity.

The Lincoln Floral Co. has opened a retail store at 3154 Lincoln avenue near Belmont.

Vaughan's Seed Store is offering Thanksgiving holly of fine quality.

Visitors: Geo. Schmal, representing Kluis & Koning, Boskoop, Holland;—Terrell, Warsaw, Ind.; H. W. Buckbee, Rockford; Martin Reukauf, with H. Bayersdorfer & Co., Philadelphia, Pa.; F. W. Heckenkamp, Jr., Quincy; Julius Staack, Moline.

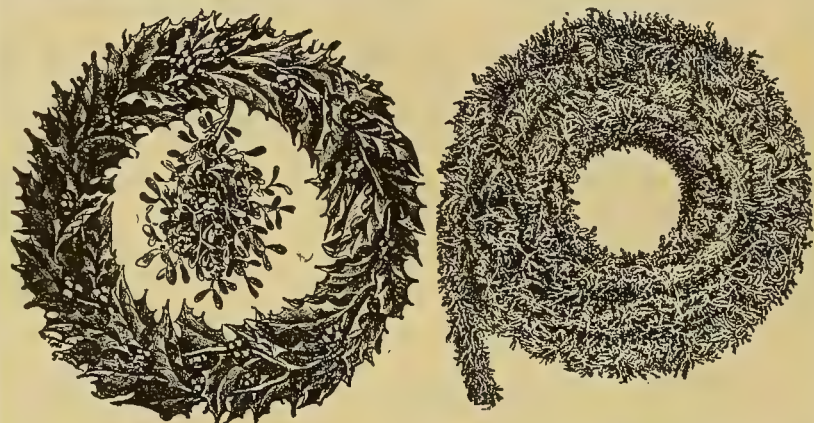
Chicago Florists' Club.

The regular meeting of the Chicago Florists' Club was held at the Hotel Morrison, Thursday evening, November 16, President Henderson in the chair. Peter Knowe, Robert Windler and A. L. Vaughan were elected to membership and Alfred Torchiana, 508 South Dearborn street, and Chas. T. Johnson, Morgan Park, were proposed for membership. The transportation committee presented report on the convention trip last August and a vote of thanks was extended to the St. Louis Florists' Club for the courtesy of its members to the convention party during the short stop-over in their city. Resolutions on the death of the late Wm. F. Kasting and John W. Poehlmann were adopted by standing vote.

Andrew Benson, well known orchid collector for the Poehlmann Bros. Co., who has been absent on a prolonged business trip, was presented with the handsome cup won several months ago. In taking possession, Mr. Benson thanked the club for the excellent care given the trophy during his absence and promised a paper on some of his experiences in the native haunts of orchids for the December meeting, expecting to leave on another trip soon after.

Fred Lautenschlager for the committee on the Floral Art and Novelty Show, held at the Hotel LaSalle November 12, gave an exhaustive report of the event and discussion of this and other flower show matters was suggested for the December meeting.

Allie Zech introduced the subject of California shipments of flowers to this



VAUGHAN'S XXX HOLLY FOR THANKSGIVING

Bouquet Green, Boxwood, Laurel, Mistletoe, Magnolia Leaves, Japanese Roping, Cycas Leaves, Winter Berries, Immortelles, Ruscus and Evergreen Wreathing.

CHICAGO Vaughan's Seed Store, NEW YORK

and other cities in the middle west during the past few weeks, and the wholesalers and growers in attendance showed considerable interest in this recent development.

A. Henderson reported on the publicity communication received from Mrs. Ella Grant Wilson, which was referred to the executive committee.

In the selection of officers for the ensuing year, the following were placed in nomination, the election to take place at the December meeting:

For president, Fred Lautenschlager and W. H. Amling.

For vice-president, Paul Klingsporn, Nic Miller and Emil Reichling.

For treasurer, Nic Miller, Otto Amling, Ed Murett and M. Barker.

For secretary, Allie Zech and Guy W. French.

For trustee, A. Henderson, W. J. Keimel and Aug. Jurgens.

Messrs. Lautenschlager, Miller, Barker and others declined nomination.

ALEXANDRIA, VA.—Ponnett & Co. have sued the Southern Railway Co. for \$10,000, claiming a coal dump near their range has caused damage to that amount.

Buffalo, N. Y.

OUTLOOK FOR BUSINESS PROMISING.

The past week, from a weather standpoint, has been so different from that of a year ago, that one can hardly realize that winter is here. Sleigh bells merrily jingled along the streets, heavy coats and every indication of February was our portion. But now it is back to normal with the possibility that we will have our usual slush for Thanksgiving. The supply of stock is large enough to meet all requirements and the quality is good. Carnations are improving. Chrysanthemums are still in the lead, with supply plentiful and quality up to the average. Several debutante parties last week brought the trade some nice orders as did two weddings. From now until after Thanksgiving will doubtless be a busy time. Greenhouse stock looks good and the poinsettias and other Christmas flowers will be plentiful.

The flower show given by direction of Commissioner Malone of the department of parks was the most successful affair ever held in Elmwood music hall.

BISON.

Tremendous Supply for Thanksgiving

ROSES---CARNATIONS

CHRYSANTHEMUMS--POMPONS--VIOLETS

Place your Thanksgiving orders with us this year. Our supply will be heavier than ever, especially as far as Roses and Carnations are concerned, which will enable us to take the best possible care of all your orders. Will also have a good supply of Chrysanthemums, Pompoms, and Violets, besides our usual large offerings of all other Seasonable Cut Flowers and complete line of Greens.

A. L. RANDALL COMPANY

WHOLESALE CUT FLOWERS AND SUPPLIES.

WABASH AVE. AT LAKE ST.

PHONE CENTRAL 7720

CHICAGO

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue

L. D. Phone Randolph 631

CHICAGO

ENORMOUS SUPPLY OF CUT FLOWERS FOR THANKSGIVING

Seventy-five Expert Growers Producing Everything Sold in the Chicago Wholesale Market
Consign Their Stock Here Which Enables Us To Fill All Orders In Full At All Times.

ORDER HERE—YOU CAN'T DO BETTER ELSEWHERE.

Mention the American Florist when writing.

REAL FANCY BOXWOOD!!!

We are the largest dealers in FANCY BOXWOOD SPRAYS in the country. We ship this article from Coast to Coast every year. Try us out now and be convinced by permitting us to ship you a sample case or more. Our stock is carefully selected glossy sprays, with no useless wood to contend with, THE CREAM OF THE VIRGINIA PLANTATIONS. Can furnish either tree or dwarf variety.

50 lb. case \$7.50. Get our quotations on larger Lots.

Fancy Ground Pine.....	\$10.00 per 100 lbs.	Frieze Roping, Red or Green..	\$.75 per ball
Ruscus, Holly Red or Green.....	.75 per lb.	Magnolia Leaves, Brown or Green.....	1.35 per box
Mistletoe, well berried.....	\$2.50 per 10 lb. case	Oak Sprays, Red, Green or Brown..	.25 per lb.

ANYTHING AND EVERYTHING IN CHRISTMAS GOODS.

Get acquainted with our prices and service by sending for our latest catalog of Christmas and everyday supplies. Do it today.

THE McCALLUM CO., 137 7th Street, PITTSBURGH, PA.

Mention the American Florist when writing.

Cleveland.

TRADE IS QUIET.

Business in general has been a little slow during the past week. Receipts have fallen off considerably due to the cold snap and a blizzard last week put the finishing touches to all outdoor stock which had been coming in. Pompoms are still very plentiful but good chrysanthemums are scarce, the late varieties just beginning to arrive. Easter lilies are in large supply. Lily of the valley, too, is more plentiful.

Roses are moving fairly well but long stock is on the short side. American Beauties are fairly good sellers. Carnations have dropped in price somewhat, the supply having increased considerably the past few weeks. Violets are in excellent condition and the demand fair. Greens are in good supply.

NOTES.

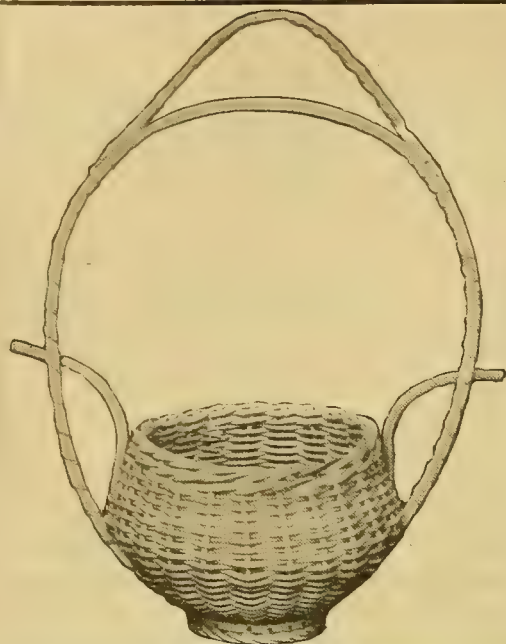
The J. M. Gasser Co.'s retail store had a small flower show of its own the past week. Table decorations, in-

cluding a bridal couple (dolls) and all the other accessories, decorated baskets and vases. A large crowd continually passed in and out, viewing the floral decorations.

The Smith & Fettes Co. has added two salespeople to its force, Miss Neal, formerly of the Crane Co., and Miss Lyberger from Akron, Ohio.

Advance orders for boxwood indicate the stock will be in big demand. The quality this year is better than ever.

C. F. B.



Order Your Supply Now!

Make Your Selection of These Six Special Offers and Let Us Have Your Orders as Early as Possible.—Do it today if Convenient.

Plant Baskets.

No. 1—\$18.00.

12 Plant Baskets for plants ranging in size from 5 to 10-inch pots.

No. 2—\$12.00.

12 Plant Baskets for plants ranging in size from 5 to 10-inch pots.

No. 3—\$8.00.

12 Plant Baskets for plants ranging in size from 5 to 10-inch pots.

Cut Flower Baskets.

No. 1—\$7.50.

25 Baskets for short-stemmed cut flowers.

No. 2—\$15.00.

25 Baskets for medium-stemmed cut flowers.

No. 3—\$19.00.

25 Baskets for long-stemmed cut flowers.

Willow and Reed used exclusively in our Baskets. Prices include liners.

WRITE FOR OUR NEW CATALOGUE.

RAEDLEIN BASKET COMPANY

713 Milwaukee Ave..

CHICAGO

BOXWOOD SPRAYS

Our Supply Comes From the Old Plantations of the South.

We will furnish good, clean, glossy, green sprays (free from excess wood), every pound merchantable and useable.

50 pounds, \$7.50; 100 pounds, \$13.50 net, f. o. b. Pittsburgh, Pa.

Fancy Lycopodium, per 100 pounds. \$10.00 Selected Mistletoe..... 10 pounds, \$1.75; 25 pounds, \$3.50

Green Sheet Moss, 3-bushel sack, filled..... \$1.50 Wild Smilax, 50 pound size case \$5.00

HAVE YOU RECEIVED OUR CHRISTMAS BOOKLET ON FLORIST SUPPLIES?

Pittsburgh Cut Flower Co., 116-118 7th St., Pittsburgh, Pa.

Mention the American Florist when writing.

St. Louis.

SUPPLY SHORTENS BUT QUALITY IS FINE.

Cold weather during the past week has shortened the supply of stock but the quality is fine. The condition of the chrysanthemum stock has improved, some of the earlier varieties having disappeared and made room for the late sorts. Bonnaffon, Golden Wedding, Silver Wedding, Chadwick and Eaton, white and yellow, are in the lead at prices ranging from \$10 to \$25 per 100. Roses are arriving in better quality and the supply is sufficient to meet all demands. Russell, Ophelia, Sunburst, Hoosier Beauty and Killarney Brilliant are the leaders in popularity and clean up well at from \$3 to \$10 per 100. American Beauty is the scarce item and the demand is heavy. Some are arriving in poor condition but the quality stock sells at from \$1.50 to \$4 per dozen. Carnations are still plentiful but since the supply in other lines has shortened, the demand has been fairly good and prices hold firm, quotations being from 75 cents to \$2 per 100. Pompons have a good demand and the supply is fair. The fancy move well but the common varieties are moved at sacrifice prices. Lilies clean up well and the supply of lily of the valley is fairly good with a brisk demand. Orchids are scarce. Smilax and Asparagus plumosus clean up well at good figures. Advance orders for Thanksgiving are beginning to come in and a good trade is anticipated. The outlook for fall business with both wholesalers and retailers is promising.

California Violets

Giant and Princess

ENOMOTO & CO.

35 St. Anne St.,

SAN FRANCISCO, CALIF.

Mention the American Florist when writing.

NOTES.

C. A. Kuehn has returned from a few days trip, having visited Bloomington and Peoria, Ill. He says all indications point to excellent Thanksgiving business. He is assured of a good supply of fine chrysanthemums. Some good Eatons are already in evidence.

The Windler Wholesale Floral Co. has some very fine pompons, violets and carnations. Al. Gumz reports good business, especially during the past few days. This firm handled one order for 50,000 carnations for tag day.

The wire department at the W. C. Smith Wholesale Floral Co.'s establishment is very busy making up a supply of wreaths in all sizes to meet the demands of the Christmas trade.

Fred Foster conducted a special sale of chrysanthemums in one of the department stores. He reports satisfactory results at 10 cents per bloom.

J. Brix, of the Brix Flower Co., is a daily visitor to the market. Business, especially in funeral work, has been good at this establishment.

George H. Angermueller reports excellent business in all departments. Fred is on the sick list and Harry is taking his place.

Nat Kingsley was a heavy buyer during the past week and reports business at the Mullanphy Florists satisfactory.

H. G. Berning is featuring some very fine Russell and Ophelia roses.

X. Y. Z.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

The Largest, Best Equipped,
Most Centrally LocatedWHOLESALE
CUT FLOWER HOUSE
IN CHICAGO

174-6 N. Wabash Ave., CHICAGO

L. D. Phones
CENTRAL 1977 and 1978.

Mention the American Florist when writing.

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

New Crop Smilax

Smilax.....at \$2.50 per case
Green Sheet Moss... 1.75 per bag
Perpetuated Moss.... 3.50 per bagEdward A. Beaven, EVERGREEN,
ALA.

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 No. WABASH AVE., CHICAGO
Telephone Central 466

Swamp Holly Wreaths

Be prepared this year with the quality that
your trade will appreciate.

Case of 16 dozen. \$1 10 per dozen.

Berried Holly, \$3 50 per case

Terms, cash. F. O. B. Georgetown.

WARREN H. FOOKS, Georgetown, Del.



Wholesale Flower Markets

Chicago.

THANKSGIVING PRICE LIST. Per doz

Roses, Beauty, specials.....	\$ 5 00@	\$ 6 00
" 36-in.....		4 00
" 30-in.....	3 00@	3 50
" 24-in.....	2 00@	2 50
" 20-in.....		2 00
" 18-in.....	1 00@	1 50
" short.....per 100,	\$4 00@	6 00
Per 100		
" Mrs. Chas. Russell.....	\$5 00@	25 00
" Hoosier Beauty.....	4 00@	15 00
" Killarney Brilliant.....	3 00@	12 00
" Killarney.....	3 00@	10 00
" White Killarney.....	3 00@	10 00
" Richmond.....	3 00@	10 00
" Prince de Bulgarie.....	3 00@	10 00
" Rhea Reid.....	3 00@	12 00
" My Maryland.....	3 00@	10 00
" Mrs. Geo. Sawyer.....	3 00@	10 00
" Milady.....	3 00@	12 00
" Sunburst.....	3 00@	10 00
" Mrs. Aaron Ward.....	3 00@	10 00
" Hadley.....	3 00@	12 00
" Ophelia.....	3 00@	12 00
" Double White Killarney.....	3 00@	10 00
" Mrs. Moorfield Storey.....	3 00@	10 00
" Champ Weiland.....	3 00@	10 00
" Stanley.....	3 00@	10 00
" Tipperary.....	3 00@	10 00
" Francis Scott Key.....	3 00@	12 00
" Bayard Thayer.....	3 00@	12 00
" Cecile Brunner.....	2 00@	3 00
" George Elgar.....	2 00@	3 00
" Baby Doll.....	2 00@	3 00
" Fireflame.....		4 00
" Our selection.....		4 00

Carnations.....	2 00@	4 00
Cattleyas...per doz.,	7 50@	9 00
Vandas.....	25c	per bloom.
Gardenias.....	\$4 00	per doz.
Sweet Peas.....		75@ 1 50
Daisies.....	1 00@	2 00
Calendulas.....	2 00@	4 00
Snagdragons.....	50@	\$1 00 per doz.
Chrysanthemums.....	per doz.,	1 50@ 4 00
Pompons.....	per bunch,	25@ 75
Violets.....	per 100,	50@1 50
Lilium Harrisii.....		12 50@15 00
Valley.....		5 00@ 6 00
Adiantum Croomianum.....		1 00@ 1 50
Stevia.....	per 100	1 50
Paper White.....	per 100	3 00
Strawflower.....	per bunch,	25@ 35
Ferns.....	per 1000,	2 00@2 50
Galax.....		1 00@1 25
Leucothoe.....		75@ 1 00
Mexican Ivy.....	per 1000,	5 00@6 00
Plumosa Strings.....	each,	60@ 75
Smilax.....	per doz.,	2 00@2 50
Sprenger's Plumosa Sprays.....		3 00@ 4 00
Boxwood.....	25lb., per case,	7 50
Wild Smilax.....	per case,	\$6 00
Winterberries.....	per case,	2 00@ 3 00

Xmas Greens

ORDER NOW.

Choice Case Holly, Holly Wreaths
and Laurel Roping. Can furnish any
amount. Write your requirements.

H. E. CONWELL, Milton, Delaware

Mention the American Florist when writing.

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

Mention the American Florist when writing.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

Mention the American Florist when writing.

HOERBER BROS.

Wholesale Growers of **Cut Flowers**

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago

Store: 162 N. Wabash Ave.,

Mention the American Florist when writing.

New Crop Smilax

Smilax.....at \$2.50 per case
Green Sheet Moss..... 1.75 per bag
Perpetuated Moss..... 3.50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens

EVERGREEN, ALABAMA

Mention the American Florist when writing.

Trade Directory

Price, \$3.00 Postpaid.

AMERICAN FLORIST CO.,

440 So. Dearborn Street,
CHICAGO.

Boxwood Sprays

50-lb. case - \$ 7.50
100-lb. case - 14.00

New Bronze Galax, per case, \$7.50. Lycopodium (Princess Pine), 100 lbs., \$10.00.

If you buy your Greens from us, you always get the full extent of your money's worth.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

GOOD STOCK BUT DEMAND LIGHT.

Saturday, November 18, the wholesale cut flower trade livened up somewhat, and hopes were entertained, the conditions being such that a decided improvement could be looked for. Monday opened up very slowly, with no immediate prospects of much importance, this being a great disappointment for everyone concerned. Cattle-yas are scarce, which has caused an increase in price with prospects of them being higher before Thanksgiving. Chrysanthemums still reign supreme, though not as plentiful as a week ago. There are some Bonnaffons coming in, and prospects are that quite a number will be used in connection with the Princeton-Yale foot ball game, though the wholesaler's did not have any advance orders to indicate this. There are also some good Enguehard, Turner and Dean and the prices, while not high, are a little better than a week ago. Some very good carnations are coming in, but the demand is not sufficient to clean up. Prices therefore, are very low. The frosts of November 17-18 put an end to outdoor flowers, and an improvement in inside stock is now looked for. There is a good supply of violets with very little call. Lily of the valley is in good demand. Sweet peas are very good; the quality is better now than it has been for some time. Snapdragons are plentiful; also some very fine pansies and Paper Whites are coming in with a very good demand. There is a plentiful supply of greens.

NOTES.

A. R. Burton, in charge of the plant department of Henry F. Michell Co., Inc., reports that the recent display at the chrysanthemum show has caused a demand for the standard and newer varieties of hardy chrysanthemums, of which they had a fine display. The young ladies of the office force of this progressive firm have formed a basket ball team, and play their first game at Riverton, on Thanksgiving eve. Miss Pavlick is captain and Miss Carhart, secretary.

S. S. Pennock, the enthusiastic president of the American Rose Society, has called a meeting for the afternoon of November 22, in connection with the forth-coming rose show, to be held in Philadelphia, next March.

H. A. Dreer, Inc., are featuring a fine window of vegetables and also one of the newer varieties of hardy chrysanthemums. Bulbs are in active demand, some varieties being completely sold out.

Zieger & Sons are sending in some fine chrysanthemums, especially Turner. The writer saw a fine bed of scabiosa, which had been brought in and from which some fine flowers were being cut.

Kruger & Co., of the Reading Terminal flower market, are featuring chrysanthemums, especially Bonnaffons, in expectancy of a demand for the Princeton-Yale game. A. Lanser reports business brisk.

S. S. Pennock, John Dodds, and Robert Craig, officiated as judges at the flower show last week, held at Balti-

CHRYSANTHEMUMS

LARGE FLOWERED AND POMPONS

IN CHOICEST VARIETY

Roses, Carnations, Orchids, Violets, and all other flowers in season.
Ferns, Galax, Magnolia Leaves, Asparagus, Adiantum, Etc.

H. G. BERNING,

WHOLESALE FLORIST

1402 PINE STREET,

ST. LOUIS, MO.

EDWARD REID

CHRYSANTHEMUMS OF QUALITY

ORCHIDS, VALLEY, HIGH GRADE ROSES

This is the exclusive shop, only one block from Express Depots.

1619-1621 Ranstead Street,

PHILADELPHIA, PA.

Wholesale Flower Markets

BUFFALO, Nov. 22.		Per 100
Beauty Special.....	20 00@25 00	
Fancy.....	15 00@20 00	
Roses, Killarney.....	3 00@ 8 00	
My Maryland.....	3 00@ 7 00	
Sunburst.....	3 00@ 6 00	
Ward.....	2 00@ 5 00	
Ophelia.....	3 00@10 00	
Russell.....	4 00@1 00	
Stanley.....	4 00@ 8 00	
Mock.....	3 00@ 7 00	
Shawyer.....	3 00@ 8 00	
Lily of the Valley.....	6 00	
Lilies.....	12 00@15 00	
Cattleyas.....	40 00@50 00	
Carnations.....	2 00@ 3 00	
Pompoms.....	25@ 5	
Chrysanthemums.....	5 00@20 0	
Violets.....	50@ 60	
Asparagus Sprengerii.....	35@ 50	
Ferns.....	per 1000, 2 00	
Smilax.....	20 00	

CINCINNATI, Nov. 22.		Per 100
American Beauty, per doz.....	75 00	
Roses, Killarney.....	3 00@ 8 00	
Mrs. Chas. Russell.....	6 00@10 00	
My Maryland.....	2 00@ 8 00	
Ophelia.....	4 00@10 00	
Richmond.....	3 00@ 8 00	
Sunburst.....	3 00@ 8 00	
Taft.....	3 00@ 8 00	
Carnations.....	2 00@ 4 00	
Lilium Gigantum.....	10 00@12 50	
Lily of the Valley.....	6 00	
Orchids.....	7 50@ 9 00	
Chrysanthemum, doz.....	75@3 00	
Asparagus Plumosus, per bch., 25c		

BOSTON, Nov. 22.		Per 100
Roses, Beauty.....	20 00@25 00	
Killarney Queen.....	2 00@ 8 00	
White and Pink Killarney.....	2 00@ 8 00	
Double White Killarney.....	2 00@ 8 00	
Killarney Brilliant.....	4 00@10 00	
Hadley.....	4 00@10 00	
Cardinal.....	2 00@ 8 00	
Mock.....	6 00@12 00	
Mrs. Chas. Russell.....	6 00@12 00	
Sunburst.....	6 00@12 00	
Taft.....	2 00@ 8 00	
Milady.....	2 00@ 6 00	
Ward and Hillingdon.....	2 00@ 8 00	
My Maryland.....	50@ 5 00	
Cattleyas.....	50 00@75 00	
Lily of the Valley.....	4 00@ 5 00	
Sweet Peas.....	50@ 1 00	
Carnations.....	1 00@ 2 00	
select.....	2 00@ 3 00	
Chrysanthemums.....	5 00@16 00	

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

262B DEVONSHIRE STREET,
BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 a. m.

Mention the American Florist when writing

BERGER BROS.

Central Market

ROSES, ORCHIDS, VALLEY

Choice Early Chrysanthemums
Always high grade Easter Lilies

1225 Race St., Philadelphia, Pa.

Mention the American Florist when writing

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., Milwaukee, Wis.

Wholesalers and Growers of
**Choice Cut Flowers
and Greens**

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Wholesale Florists and
Florists' Supplies

We are the largest cut flower ship-
pers in MINNEAPOLIS. Let us sup-
ply your wants. If it is on the mar-
ket we can furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.
Mention the American Florist when writing.

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
in Kansas City. If on the market, we
have it. Get our prices and we will fill
your orders. Satisfaction guaranteed.

1016-1018 McGee Street

Kansas City, Mo.

STUART MILLER, WHOLESALE FLORIST

Always Seasonable Flowers

Orchids, Valley, Roses, Easter Lilies,
Best Early Chrysanthemums.

Unexcelled Opening for Carnation Consignors
for the Coming Season.

ONE BLOCK FROM EXPRESS OFFICE

1617 Ranstead Street, PHILADELPHIA, PA.

H. Bayersdorfer & Co.

The Wholesale Supply
House of America ...

EVERYTHING THE BEST IN FLORISTS' SUPPLIES
1127 Arch St., Philadelphia, Pa.

more, in connection with Maryland
week.

Joseph Heacock Co. is sending in
some fine Hadley roses, which are in
good demand.

W. Leonard, of Lansdowne, has pur-
chased a new delivery car. F. C.

LOUISVILLE, KY.—Extensive improve-
ments at the range of the William
Walker Co. have been completed.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in
FLORISTS' SUPPLIES.

Phone Main 1245.

P. O. Box 206

444-446 Milwaukee St., Milwaukee, Wis.

Fancy Ferns Special Picked. Leave Your Regular Orders with Us.

Lily of the Valley and Orchids, Chrysanthemums, Lilies,
Fancy Roses and Carnations.

FLORISTS' SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist.
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Nov. 22.		Per 100
Roses, Beauty, special	25 00	@30 00
" " fancy	16 00	@20 00
" " extra	12 00	@15 00
" " shorter grades	6 00	@10 00
" Mrs. Chas. Russell	3 30	@15 00
" Prima Donna	3 00	@15 00
" Killarney	2 00	@6 00
" White Killarney	2 00	@6 00
" Liberty	2 00	@6 00
" Hadley	4 00	@12 00
" Sunburst	3 00	@6 00
" Ophelia	3 00	@8 00
" Hoosier Beauty	4 00	@6 00
Carnations	1 00	@2 00
Cattleyas, each	\$0 40	@ 50
Lilium Longiflorum	8 00	@10 00
Valley	4 00	@6 00
Chrysanthemums	6 00	@20 00
Calendulas	2 00	@4 00
Daisies, yellow	1 00	@3 00
" white	1 00	@3 00
Violets, single	50¢	@ 75
" double	50¢	@ 75

PITTSBURGH, Nov. 22.		Per 100
Roses, Beauty, special	25 00	
" " fancy	20 00	
" " extra	15 00	
" " No. 1	8 00	
" Killarney	2 00	@6 00
" My Maryland	2 00	@6 00
" Sunburst	2 00	@6 00
" Mrs. Aaron Ward	2 00	@5 00
Cattleyas	40 00	
Lilium Giganteum	8 00	
Carnations	2 00	
Lily of the Valley	6 00	
Chrysanthemums, doz.	1 00	@3 00
Snappdragons	4 00	
Adiantum	1 25	
Asparagus Sprengeri, per bunch	35¢	@40
Violets	50	

MILWAUKEE, Nov. 22.		Per 100
Roses, Killarney and W. Killarney	3 00	@8 00
" Ward	3 00	@8 00
" Mrs. Chas. Russell	5 00	@20 00
" Ophelia	3 00	@8 00
" Hoosier Beauty	3 00	@10 00
Lilies	12 50	@15 00
Cattleyas, per doz.	6 00	@9 00
Carnations	2 00	@4 00
Rubrum	4 00	
Valley	6 00	
Chrysanthemums	75¢	@3 00
Pompons, per bunch	35¢	@ 50
Violets	75¢	@ 100

DAVID WELCH

EDWARD J. WELCH

WELCH'S WHOLESALE AND COMMISSION FLORISTS

FLORISTS' SUPPLIES

280 and 282 Devonshire St.,
BOSTON, MASS.

Consignments of Beauties, Lilies of the Valley,
Orchids and all other flowers received daily.

Telephone—Court Hill 2964, 2965.

Philadelphia Wholesale Florists' Exchange

High Grade Roses, Gladioli, Asters, Easter Lilies

and other Seasonable Flowers.

Up-to-the-Minute Service. Satisfaction Guaranteed.

WANTED—A consignor with 25 bunches Asparagus a day.

1615 Ranstead St., Philadelphia, Pa.

ST. LOUIS, Nov. 22.		Per 100
Beauty, Special	5 00	per doz.
" Fancy	4 00	"
" Extra	3 00	"
" No 1	2 00	"
" No 2	1 50	"
Short		8 00
Hadley	4 00	@8 00
Killarney	3 00	@6 00
Hoosier Beauty	4 00	@8 00
Richmond	4 00	@8 00
Sunburst	3 00	@8 00
Ward	2 00	@5 00
Mrs. Shawyer	6 00	@15 00
Mrs. Russell	6 00	@15 00
Ophelia	3 00	@8 00
Carnations	1 50	@2 00
Valley	4 00	@6 00
Lillies	10 00	
Orchids	50 00	@60 00
Ferns	per 1000	1 75

Bulbs--Boxwood--Nursery Stock

Sales at Auction Every Monday and Thursday at 10 a. m.

Note Sales Days—MONDAY and THURSDAY.

JOHNSON & MILLANG, Inc.

Coogan Bldg., 55-57 W. 26th St., NEW YORK

Consignments Solicited.

10,000 Square Feet Devoted to Our Auction Business.

Under Cut Flower Exchange. Branch Store, 165 W. 34th St. Write for Catalogue. Ask for Prices.

New York.

TRADE SHOWS SOME IMPROVEMENT.

During the latter part of the past week there was more activity in the wholesale district than has been seen for months. A cold wave, to some extent cut down the supply of roses and prices picked up. There has been a long and discouraging period of dullness, but it now appears that better times are at hand. Although there are yet plenty of chrysanthemums on the market, many of them are beginning to show the infirmities of age; there will doubtless be chrysanthemums on the market until Christmas, but they will soon have fallen from their high estate. The chrysanthemum season is short, but in the light of recent experience, there are a number of dealers in this district who believe it to be entirely too long. We are by no means decrying the chrysanthemums; in a way, and in reasonable numbers, they are fine, but their growing is overdone and that should be an undisputed fact to every man in any way connected with the florist business. American Beauties are pushing up a little in price, 35 and 40 cents each being now the asking prices for the best specials. Cattleyas are scarcer and good stock is running from 50 to 75 cents each. Good gardenias are worth about \$3 per dozen. There is no extraordinary movement in lilies and lily of the valley. Lilies are worth about 4 cents per flower, lily of the valley \$4 to \$5 per 100, though it takes fine stock to command the latter price at this writing, but prices on the latter are liable to frequent fluctuations. Since the war in Europe began, lily of the valley has been the little joker in the cut flower business—"now you see it, and again you don't." Violets are of better quality and prices are higher at this writing, 75 cents per 100 being paid for the best. The Yale-Princeton football game at Princeton, N. J., November 18, caused some movement in violets and yellow chrysanthemums, but that was merely an incident in the trade. Another incident was the horse show at Madison Square Garden during the past week, where at least one firm that had a large box decoration, bought chrysanthemums, instead of the artificial flowers, that they used on a previous occasion. The writer may be old fashioned in some of his notions, but has always believed, and now believes, that the real florists should once and for all, cut out this artificial flower business. In writing this I have no prejudice against the dealers of artificial flowers, though it has been stated that they employ children, or at least some of them do, at starvation wages. This is a free country; let them go their way, and let us go ours in handling nothing but natural flowers.

November 20.—There is no enormous increase in business, but stock moves better, due partly to the thinning out of the chrysanthemums, though there are yet enough of them about to supply all demands. Roses, we would say, are doing much better. Carnations are picking up and lilies and lily of the valley move fairly well. Sweet peas and Paper White narcissus are slow. Violets went up to \$1 per 100 for a few hours November 17-18, but "pride

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York.

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers.

goeth before a fall" and they soon fell to 60 cents. The best cattleyas are going at 75 cents and \$1 each.

NOTES.

George M. Stumpp, for many years a well-known and highly respected retail florist of this city, and father of G. E. M. Stumpp, who now conducts the business at Fifth avenue and 58th street, reached home, November 17, as a passenger on the Holland-American liner New Amsterdam. He returns hale and hearty after an absence of two years and six months, spent in Germany. He says Germany is not suffering and will eventually dictate peace terms. While not all of us may agree with the latter statement, we give him credit for the honesty and courage of his convictions.

John Changuris, well known in the retail trade of this city, has just returned from a four years' absence in the Canadian northwest, most of which was spent in Saskatchewan. He went to Minneapolis at the time the S. A. F. convention was held there, and kept on going. He is now back with his brother (as partner) in the Orchid Florist Co., 106 West 57th street, and the Central Park Flower Market, 980 Sixth avenue. He is a clever young man and we are pleased to see him prosperous.

J. G. Leikens and wife have returned from Newport, where they had a successful summer's business; at least, Mrs. Leikens and the staff had, J. G. having spent most of the summer on the border as an officer of the Seventh regiment, N. Y. infantry. They report business as improving. Ralph Armstrong, Madison avenue and Forty-seventh street, is another retailer who has had a successful season at Newport and is now very busy in his New York store.

Changuris Bros., otherwise known as the Orchid Florist Co., 106 West 57th street, have recently erected a nice conservatory in the rear of their store and stocked it with fine palms and ferns. They have also made extensive improvements in their main store, which being very near to Carnegie hall, is becoming a popular resort.

The steamer New Amsterdam, which arrived from Rotterdam, November 17, brought large consignments of azaleas



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—We are—

Wholesale Florists

Have twenty-two years' experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

GUTTMAN & RAYNOR,

INC.
PHONES: FARRAGUT { 558 101 W. 28th St.,
2036 NEW YORK
2037

PHONE—FARRAGUT 8913

JAMES COYLE

WHOLESALE FLORIST
64 West 26th St., NEW YORK
(Opposite Coogan Building)

20 years experience
Consignments Solicited and Prompt RETURNS GUARANTEED.

Nippon Garden, Inc.

Successors to Satow & Suzuki
259 Fifth Avenue, NEW YORK
Greenhouses: Woodside, L. I.
Telephone: Madison Square 8950.
We are headquarters for Japanese Miniature Gardens. Fern Dishes, Vases, Flower Pots, Jardinières and Dwarf Plants. A great stock of Fern Monkeys and Fern Balls.

PAUL MECONI
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55-57 W. 26th Street
NEW YORK CITY
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BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones: 1664 Madison Square, 34 W. 28th St., New York
 1665 Square,
 Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

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Wholesale Commission Florist
Consignments Solicited
104 West 28th St., NEW YORK
 Telephone No. 2264 Farragut.

Walter F. Sheridan
Wholesale Florist
 Telephone Call:
 3532-3533 Farragut 133 W. 28th St., New York
 All the NEW ROSES, CARNATIONS and
 Seasonable Flowers.

HORACE E. FROMENT
WHOLESALE COMMISSION
 All the New and Standard Varieties of Roses,
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Goldstein & Futterman
WHOLESALE FLORISTS
 The Right People to Deal With.
102 West 28th St., New York
 Mention the American Florist when writing.

Wholesale Flower Markets

NEW YORK, Nov. 22, Per 100	
Roses, Beauty, special	30 00@40 00
extra and fancy	15 00@25 00
No 1 and No 2	6 00@10 00
Prima Donna	2 00@15 00
Alice Stanley	1 00@ 6 00
Francis Scott Key	4 00@20 00
Mrs Geo. Shawyer	1 00@ 6 00
Double White Killarney	1 00@ 6 00
Killarney, My Maryland	6 00@
Special	1 00@ 4 00
No 1 and No 2	1 00@ 6 00
Queen	1 00@ 6 00
Brilliant	1 00@ 6 00
Aaron Ward	1 00@ 8 00
Richmond	1 00@ 8 00
Sunburst	1 00@ 6 00
J L Mock	1 00@ 6 00
Ophelia	1 00@ 6 00
Mrs. Chas. Russell	2 00@15 00
Cleveland	1 00@ 8 00
Hadley	4 00@35 00
Hoosier Beauty	2 00@15 00
Cattleya Orchids, special	75@ 1 00
inferior grades	40@ 50
Bouvardia	2 00@ 4 00
Rubrum	2 00@ 5 00
Lilies, Longiflorum and Harrisii	4 00@ 5 00
Lily of the Valley	4 00@ 5 00
Carnations	1 50@ 3 00
Chrysanthemums	75@ 2 00
Novelties, per doz.	4 00
Gardenias	75@ 3 00
Sweet Peas	50@ 1 00
Snapdragons	2 00@ 3 00
Violets	50@ 60
Paper White Narcissus	2 00@ 3 00
Adiantum Croweanum and	
Hybridum	50@ 75
Asparagus Plumosus	2 50@ 3 00
Smilax	1 00@ 1 25

United Cut Flower Co., Inc.

WHOLESALE
111 West 28th St., New York
 Telephones: Farragut 4422
 4423
 Mention the American Florist when writing.

HOUSE OF FERNS

Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.
 Mention the American Florist when writing.

Frank H. Traendly Charles Schenck
Traendly & Schenck
 Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Farragut.
 Orchids, Roses, Carnations and all the other
 best products of the leading growers.
 Consignments solicited.

WM. KESSLER,
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.
 Desirable well space to rent for advertising.

V. S. DORVAL, Secretary.

The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
 Florist Trade at Wholesale.
 Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK

George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N. Y.

M. C. Ford
121 WEST 28th STREET
NEW YORK
 Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the
 market can always be relied upon.

Telephone Farragut 634, 3066

HERMAN WEISS
Wholesale Florist
106 W. 28th St., NEW YORK

GEO. W. CRAWBUCK, Pres.

George W. Crawbuck Co.
 (INC.)
 Wholesale Commission Florists
57 WEST 28th STREET, NEW YORK
 Telephone, Madison Square 5296.

ARNOLD BOXES ARE BEST



Leading Retail Florists Everywhere Say So.

Many Chicago florists use no other kind as they have found from experience that Arnold Boxes suit their purpose best and are the most reasonable in price, taking quality into consideration.

Write for samples and prices or better yet order your supply today

A. A. Arnold Paper Box Co., 1302-1308 W. Division St.,
CHICAGO, - ILLINOIS.

and other plants and bulbs to various firms, McHutchison & Co., the MacNiff Horticultural Co., J. M. Thorburn & Co., Vaughan's Seed Store, the Julius Roehrs Co., and others receiving much stock.

The Wholesalers' Protective Association had a banquet at one of the leading hotels on the night of November 18, which we learn was a very enjoyable affair. Fred Atkins, of Bobbink & Atkins, Rutherford, N. J., was the guest of honor.

Wadley & Smythe, 491 Fifth avenue, arranged a fine decoration for the box of Mrs. Stotesbury, of Philadelphia, at the horse show in Madison Square Garden, the past week. Thousands of chrysanthemums were used, being renewed each day.

At G. E. M. Stumpp's we found business active. The whole force and many customers are rejoiced to have George M. Stumpp back with them after his long sojourn amid scenes of war activities.

At the Dards store, Madison avenue and 44th street, we have noticed many attractive features both in window and other interior decorations and Manager Perry advises us that business is good.

N. Christatos, who for a number of years has conducted a fine store at Sixth avenue and 58th street, advises us that business is improving. He always makes a fine window display.

The proprietors of the Flower Basket Shop, 147 West 44th street, have taken the entire building which they occupy and will soon have a much larger and finer store.

At William P. Ford's, 107 West 28th street, we have recently noticed very fine stock of the leading varieties of roses, also fine Spencer sweet peas.

George L. Stillman, the well known dahlia specialist, of Westerly, R. I., was recently in this city. He has made a great success with dahlias.

Johnson & Millang, Inc., have opened a branch store at 165 West 34th street. They are handling an extensive line of plants and bulbs.

Dutcher & Son, in the rooms of the New York Cut Flower Co., are now

Look! \$10.00 Look!

12—14-inch Holly Wreaths,	\$2.50
6—14-inch Cedar Wreaths,	1.20
6—14-inch Laurel Wreaths,	1.20
6—14-inch Pine Wreaths,	1.50
25 yards Laurel Roping, -	1.25
10 branches berried holly,	2.00
1 6 to 8 ft. Xmas Cedar Tree,	3.50
6 Spruce Bows with Cones,	1.20
1 Branch Mistletoe, -	.50

Regular price, \$14.85

SPECIAL PRICE, \$10.00

We make a specialty of the above and guarantee all goods as represented or money refunded.

TERMS—ONE-HALF CASH WITH ORDER.

We have everything in EVERGREENS.

Write Your Requirements.

DELAWARE EVERGREEN CO.,
MILTON, DELAWARE.

handling a very fine line of the chrysanthemum Major Bonnafton.

Frederick Stewig, 940 Sixth avenue, is quite cheerful over the outlook and believes this will be a good season.

L. Gluck has a fine retail store at

Lexington avenue and 23rd street, and reports business improving.

William Kessler, 113 West 28th street, is handling a particularly fine line of longiflorum lilies.

A. F. F.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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Established 1857.



739 Buckingham Place.

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Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

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Eighth and Locust Sts.
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Telegraph orders filled on short notice in St. Louis
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Canada's best known and most reliable florist

Only the Best **Dunlop's**

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Largest and most centrally located store in
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Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Briggs Floral Co., Chicago.
Brooklyn Cut Flower Market, Brooklyn, N. Y.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Callahan, M. J., Philadelphia, Pa.
Central Floral Co., Chicago, Ill.
Central Floral Co., Detroit, Mich.
Clarke's Sons, David, New York.
Comley, Henry R., 6 Park St., Boston, Mass.
Cooke, Geo. H., Conn. Ave., and L, Washington.
Dard's, 44th and Madison Ave., New York.
Dominion Floral Co., The, Montreal Quebec.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyles, 106 State St., Albany, N. Y.
Evenden Bros., Williamsport, Pa.
Foster, Fred, St. Louis, Mo.
Fox, J. M. & Son, Inc., Milwaukee, Wis.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Grimm & Gorly, St. Louis, Mo.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Hatcher, John C., Schenectady, N. Y.
Heinl & Sons, J. G., Terre Haute, Ind.
Hencie, Miles S., Syracuse, N. Y.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Higgins, N. F., Springfield, Mass.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Howard & Smith, Los Angeles, Calif.
Huscroft's Flower Shop, Steubenville, O.
Johnston & Co., T. J., Providence, R. I.
Joseph's, 233-235 Grant Ave., San Francisco.
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Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia, Pa.
Mangel, Chicago.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
McMurray, D. M., Pueblo, Colo.
Metairie Ridge Nursery Co., New Orleans, La.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Pelez, Paul M., Little Rock, Ark.
Palmer, W. J. & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Pearson, E. W., Newburyport, Mass.
Penn, The Florist, Boston, Mass.
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Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Potter Floral Co., El Paso, Tex.
Pyfer & Olsem, Wilmette, Ill.
Randall's Flower Shop, Worcester, Mass.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London and Norwich, Conn.
Reuter's, Westerly, R. I.
Robbins, F. A., Augusta, Me.
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Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
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Schling, Max, 22 W. 59th St., New York.
Schmidt, Chas. L., Harrisburg, Pa.
Sekenger, Adam, Bangor, Me.
Sekl Bros. & Co., Los Angeles, Calif.
Smith & Fettes Co., Cleveland, O.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Van Meter Flower Shop, Springfield, O.
Walker Co., The, Louisville, Ky.
Weber, F. H., St. Louis, Mo.
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Angusta, Me.—Robbins, F. A., 122 Winthrop St.
Bangor, Me.—Sekenger, Adam, 32 Newbury St.
Boston, Mass.—Comley, Henry R.
Boston, Mass.—Thos. F. Galvin, Inc.
Boston, Mass.—Penn, The Florist.
Brooklyn, N. Y.—Brooklyn Cut Flower Market.
Brooklyn, N. Y.—Jeseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Briggs Floral Co.
Chicago—Central Floral Co., 132 N. State St.
Chicago—Friedman, 522 S. Michigan Blvd.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder, 3343 W. Madison St.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel, 17 E. Monroe St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters Co.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews, the Florist.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alfred Lozier Rosery.
Des Moines, Ia.—J. S. Wilson Floral Co.
Detroit, Mich.—Central Floral Co., 35 Broadway.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
El Paso, Texas—Potter Floral Co.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Harrisburg, Pa.—Charles L. Schmidt.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Paley.
Los Angeles, Calif.—Howard & Smith.
Los Angeles, Calif.—Seki Bros. & Co.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Milwaukee, Wis.—J. M. Fox & Son, Inc.
Montreal, Quebec—The Dominion Floral Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
Newburyport, Mass.—E. W. Pearson.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Henry Hart, Inc.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
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Philadelphia—The London Flower Shop, Ltd.
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Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Pittsburgh, Pa.—Williams, Mrs. E. A.
Providence, R. I.—T. J. Johnston & Co.
Pueblo, Colo.—McMurray, D. M.
Rochester, Minn.—Rochester Floral Co.
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Rockford, Ill.—H. W. Buckbee.
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Sheboygan, Wis.—J. E. Matthewson.
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St. Louis, Mo.—Grimm & Gorly.
St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
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San Francisco—Joseph's, 233-35 Grant Ave.
San Francisco—Podesta & Baldocchl.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Springfield, O.—Van Meter Flower Shop.
Springfield, Mass.—N. F. Higgins.
Steubenville, O.—Huscroft's Flower Shop.
Syracuse, N. Y.—Miles S. Hencle.
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Washington—Geo. H. Cooke, Conn. Ave. and L.
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We deliver in Maine and all New England points.

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THE BEST THAT GROWS
Experts to Arrange Them.

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Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

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Established in 1883.

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and all T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

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The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President;
F. W. Bolgiano, Washington, D. C., First
Vice-President; L. L. Olds, Madison, Wis.,
Second Vice-President; C. E. Kendel, Cleve-
land, O., Secretary and Treasurer. Thirty-
fifth annual convention, June, 1917.

VISITED New York: J. C. Vaughan,
Chicago.

TULIPA CLUSIANA is imported from
Turkistan.

SPIREA clumps are smaller than
usual, crop light.

DEMAND for flower seeds has opened
unusually early this season.

DUTCH crops of vegetable seeds are
very short and prices are high.

ASPARAGUS PLUMOSUS NANUS seed,
new crop, is now coming forward.

SWEET CORN in nearly all varieties
will be very high in price, according
to prediction.

SPANISH IRIS and Gladiolus Colvillei
bulbs, long delayed in transit, have
reached New York.

VAUGHAN'S list of flower seeds for
florists and seedsmen is the first to
reach us this season.

GLADIOLUS BULBS in the United
States are proving to be only half an
average crop this year.

SCHENECTADY, N. Y.—The Empire
Seed Co. has been incorporated by H.
E. Stevens and others, with capital of
\$5,000.

CHICAGO.—Prices for grass seed on
the Board of Trade, November 22, were
as follows: Timothy, \$4.00 to \$5.75 per
100 pounds.

FALMOUTH, KY.—The Bokhara Seed
Co. is remodeling its warehouse and
installing additional motor driven
seed-cleaning machinery.

ARNOLD RINGIER, of the W. W. Barn-
ard Co., Chicago, is attending the an-
nual meeting of the Indiana Cannery
at Indianapolis this week.

THE standard barrel of the United
States should contain 7,056 cubic
inches, with 28½-inch staves and 17½-
inch heads, head material not thicker
than 2/5 of an inch.

BOUQUET GREEN is very scarce both
east and west due to the early snows
which put a stop to the picking. The
present outlook is for not more than
half the usual output.

TAMPA, FLA.—The Allen & Reils
Seed Co. has been incorporated with
a capital stock of \$10,000 and will
enter the seed and brokerage business.
The officers are D. C. Gillett, presi-
dent; H. F. Reils, vice-president, and
A. L. Allen, secretary-treasurer.

NEW YORK.—Counter trade in bulbs
and seeds has slowed down materially
within the past 10 days.—Johnson &
Millang, Inc., now doing a plant and
bulb business in the Coogan building,
Sixth avenue and Twenty-sixth street,
have opened a branch store at 165
West Thirty-fourth street.

French Seed Crops.

One prominent French firm has ad-
vised its American customers that on
account of existing conditions it is now
impossible to make contracts for vege-
table and flower seeds. It has pro-
posed to arrange for the growing of
seed crops according to the needs of
customers, in annuals as ordered for
1916 and biennials for 1917, and to
offer at time of harvest such stocks
as may be available basing prices on
the cost of production.

Dutch Bulbs for Fodder.

Planting stocks of crocus have been
extensively sold and shipped to Ger-
many as fodder for cattle. Salable
bulbs of English and Spanish iris have
been disposed of for the same purpose.
In all over 50 carloads have gone.
Prices ranged from \$1 to \$3 for 220
pounds. Narcissus bulbs, planting and
salable sizes of certain varieties, have
also been sold, some say for crushing
and making oil.

Reductions of 10 to 20 per cent have
been made in plantings of leading
kinds of Dutch bulbs for 1917.

By Their Seeds Ye Shall Know Them.

In the recent discussion of free seeds
in the national legislature Senator
Kenyon read an editorial from the
Marshalltown (Iowa) Times-Republic-
an of March 26, 1915, in part, as
follows:

"By their seeds ye shall know them.
Congress has adjourned. It has passed
the usual appropriation bill and made
the customary distribution of worth-
less seeds to the voters as a cheap sop
for past loyalty.

"If every recipient of garden seeds
would plant them and then vote ac-
cordingly at the next congressional
election, what a world of new faces
would be noticeable in the halls of
congress. We tried planting some of
them several years ago with the follow-
ing result:

"The lettuce seed brought forth fruit
in the form of leaves about as thick
as a cabbage leaf and of a texture
resembling a palm-leaf fan. We had
had visions of the tender succulent
variety, but, although I had just paid
a \$50 dentist bill, I was unable to
make any noticeable impression. We
took some to an old lady who had the
reputation of having more jaw action
than any one in town and told her if
she liked it to come over—we had a
plenty. She never came. I spoke to
a friend that owned a corn shredder,
but he refused to give it a try out,
as the machinery was not guaranteed
against anything tougher than a dried

corn stalk. We then conceived the
idea that a valuable forage crop had
been overlooked and so fed some to a
cow, and for weeks we could see her,
even in her leisure moments, in a
masterly attempt to put it away for
keeps. The result was that we fed
her on bran mash for two weeks to
enable her to rest up and be normal.

"One day we had congressional salad
from these selfsame vegetables, with
appropriate dressing. They say time
dulls all memories, but that salad still
holds a vivid place in my memory,
and I never will forget the congress-
man responsible for sending the seed
except in the election booth. By their
seeds ye shall know them."

Imports at New York.

During the week ending November 11 im-
ports were received at New York as follows:

From Liverpool, England:
McHutchison & Co., 11 cases plants.
From Rotterdam, Holland:
Vaughan's Seed Store, 52 cases plants.
McHutchison & Co., 562 cases and packages
plants, 804 tubs trees.
Chas. Schwake & Co., 52 cases plants.
Ralph M. Ward & Co., 62 cases plants, 10
cases bulbs.
MacNiff Hort. Co., 54 cases bulbs, 5 cases
plants.

A. Rolker & Sons, 59 cases plants.
Wm. Elliott & Sons, 73 cases bulbs.
Johnson & Millang, Inc., 54 cases bulbs.
Elliott Auction Co., 25 cases bulbs.
W. E. Marshall & Co., 1 case bulbs.
Stumpp & Walter Co., 25 cases bulbs.
P. Henderson & Co., 2 cases bulbs.
During the week ending November 18, im-
ports were received at New York as follows:

From Rotterdam, Holland—
Vaughan's Seed Store, 62 cases bulbs, 5 cases
plants.
MacNiff Hort. Co., 157 cases plants.
McHutchison & Co., 134 packages plants.
A. Rolker & Sons, 372 cases plants.
J. M. Thorburn & Co., 18 cases plants, 27
packages bulbs.
W. E. Marshall & Co., 12 cases plants.
Julius Roehrs Co., 11 cases plants.
M. Van Waveren & Sons, 478 cases convale-
ria (lily of the valley) pips; 83 packages
plants; 14 cases bulbs.
Weeber & Don, 43 packages plants.
R. J. Irwin, 41 cases plants.
Stumpp, Walter Co., 161 cases bulbs.
H. Frank Darrow Co., Inc., 164 cases plants,
2 cases bulbs.

F. R. Pierson Co., 26 cases bulbs.
A. T. Boddington Co., 22 cases bulbs.
Johnson & Millang, Inc., 2 cases bulbs.
Peter Henderson & Co., 24 cases roots.
R. M. Ward & Co., 4 cases roots.
To order and to others, 765 cases, 1,021 pack-
ages plants, 609 cases, 201 packages bulbs, 109
cases roots, 60 cases pips.

During the week ending November 18, horti-
cultural goods for consumption were received at
the port of New York as follows: Red clover
seed, \$3,185; other grass seeds, \$28,051; all other
seeds, \$14,192; bulbs, \$27,788; plants, \$98,740;
fertilizers, \$6,905.

A. F. F.

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids,

Mich.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT,
PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED
GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Company

Lilium Harrisii BULBS

	Per 100	Per 1000
5 in. to 7 in.....	\$ 4.50	\$36.00
7 in. to 9 in.....	8.00	72.00

PAPER WHITE NARCISSUS GRANDIFLORUS

Prices on application.

WE OFFER TO FLORISTS
A CHOICE SELECTION OF
HYACINTHS, TULIPS, Etc.,
FOR FORCING OR
OUTDOOR PLANTING.

Send us a list of your requirements and
we will give you attractive
special prices.

J. M. THORBURN & CO.
53 Barclay Street, through to 54 Park Place
NEW YORK CITY.

S. M. Isbell & Co.

JACKSON, MICH.

Contract Seed Growers

Beans, Cucumbers, Muskmelon,
Watermelon, Squash, Sweet Corn.

Michigan-grown Radish our Specialty.

Correspondence Solicited.

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Bulbs for Present Planting

HYACINTHS

First Size—L'Innocence, Albertine, Grand Maitre, Gertrude,
Gigantea, King of Blues.....\$4.25 per 100
Second Size—Named variety.....\$28.00 per 1000

NARCISSUS

	Per 1000
Emperor, M. B.....	\$17.50
1st size.....	12.00
Empress, M. B.....	17.50
1st size.....	12.00
Victoria Bic., M. B.....	19.00
1st size.....	13.00

CROCUS

	Per 1000
Named variety.....	\$7.50
Mixed.....	4.00

Giganteum Lilies

	Per case
7- 9, 300 to case.....	\$15.00
9-10, 200 to case.....	20.00

Complete Line of Tulips—Single, Double and Darwin.

WRITE FOR TRADE PRICE LIST.

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"

411-413 Washington Ave.,

St. Louis, Mo.

Asparagus Plumosus Nanus

Greenhouse Grown Seed

1,000 Seeds, \$3.50 10,000 Seeds, \$32.50

Californian Grown Seed

1,000 Seeds, \$2.50 10,000 Seeds, \$22.50

5 per cent discount, Cash with order.

ARTHUR T. BODDINGTON CO., Inc.

128 Chambers Street,

NEW YORK.

Kentia Seeds

New Crop--Just Arrived.

KENTIA BELMOREANA KENTIA FORSTERIANA
COCOS WEDDELIANA

WRITE FOR IMPORT PRICES, STATING QUANTITY REQUIRED.

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BEANS, PEAS, RADISH

AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write or prices.

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Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT,

NEBRASKA

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc.
Moorestown, New Jersey

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED
Bloomdale Farm.
Bristol, Pa.

Mention the American Florist when writing

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.
CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

97th Year

J. BOLGIANO & SON,
Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes
Growers of
Pedigree Tomato Seeds Baltimore, Md.

American Bulb Co.

A. Miller, President.

WHOLESALE DEALERS IN

Bulbs, Seeds, Supplies, Etc.
178 N. Wabash Ave., Chicago, Ill.

THE

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Contract Seed Growers

Specialties: Pepper, Egg plant, Tomato, Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

My New PRICE LIST of

Winter Orchid-Flowering Sweet Pea Seed

Has been mailed. If you have not received a copy, send Postal for it.

Part of new crop is ready now.

Ant. C. Zvolanek, Lompoc, Calif.

GARDEN SEED

Beet, Sweet, Corn, Garden Beans, Onion Sets, and Seed Potatoes in variety. Also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK
and Orange, Conn.

KELWAY'S

SEEDS--Flower, Vegetable and Farm

For present delivery or on contract. Wholesale only.

Special quotations for next season and
from 1917 harvest now ready.

Langport, - England.

Mention the American Florist when writing.

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence Solicited.

SWEDSBORO, N. J.

Grass Mixtures

— FOR —

Golf-Tennis-Polo

MEET ALL REQUIREMENTS FOR ALL SOILS

The Albert Dickinson Co.,
CHICAGO, ILL.

The L. D. Waller Seed Co.

Gaudalupe, California

Wholesale Growers of

FLOWER SEEDS, SWEET
PEAS AND NASTURTIUMS

Correspondence Solicited.

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

BARNARD'S
Seed Store
231-235 W. Madison St.
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THE KIMBERLIN SEED CO.

WHOLESALE
SEED GROWERS SANTA CLARA, CAL.

Growers of

ONION, LETTUCE, RADISH, ETC.

Correspondence solicited.

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440 S. Dearborn Street, CHICAGO

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Now contracting for Beans and Peas
for 1917, 1916 stocks being exhausted.

AUSTRALIAN BROWN ONION
1915-1916 crop seed still available

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

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Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Asters,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

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The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip,
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Branches: Michigan,
Wisconsin and Idaho.

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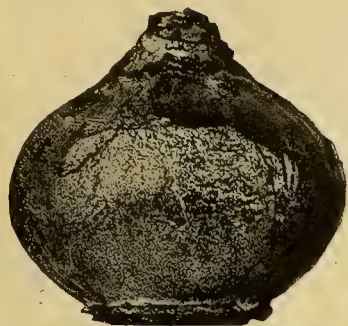
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HYACINTHS---Dutch Romans.

Just the thing to grow for your EASTER SALES.

Named Varieties. Extra Selected Bulbs, per 1000.....\$10.00



HYACINTHS

Per 1000
Hyacinths Named, 1st size, our selection.....\$42.00
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NARCISSUS

Per 1000
Soleil d' Or, Early.....\$25.00
French Trumpet Major (1750 bulbs to the case).. 13.00
Victoria (Bicolor), mother Bulbs..... 20.00
Select Size..... 11.00
"JOSS LILIES" CHINESE NARCISSUS -
Per mat (120 bulbs).....\$5.50 at Chicago



TULIPS--Early Single Named

Less 10 PER CENT In Full 1000 Lots.

Per 1000	Per 1000	Per 1000
La Reine.....\$ 7.00	Rose Gris de Lin.....\$ 6.00	Thos. Moore.....\$ 7.50
Artus..... 6.50	Yellow Prince..... 8.65	Chrysolora..... 9.00
L'Immaculee..... 8.50	Couleur Cardinal..... 14.50	Fine Mixed Single..... 6.00

TULIPS--Darwin and Cottage

Less 10 PER CENT In Full 1000 Lots.

Per 1000	Per 1000	Per 1000
GESNERIANA SPATHULATA, scarlet \$ 8.50	Bizards--Mixed.....\$ 9.00	Isabella, Pink.....\$ 8.00
MAD. KRELAGE, Rose..... 13.00	REV. H. EWBANK, Lilac..... 14.00	SULTAN, Maroon-Black..... 10.00
Bouton d'Or, Yellow..... 8.50	NAUTICUS, Cerise..... 11.00	Maiden's Blush..... 9.50
Emerald Gem, Terra-Cotta..... 24.00	Inglescomb Scarlet..... 16.00	Parisian White..... 12.00

Lilium Formosum

Per 1000
6 to 8-inch, (350 to case) regular strain.....\$35.00
6 to 8-inch;(350 to case) true black stem variety..... 40.00

Hardy Lilies

Per 100	Per 1000
Lilium Auratum, 9-11 inch, (100 to case).....\$ 8.00	\$ 75.00
Lilium Rubrum, 8-9 inch, (160 to case)..... 5.50	50.00
Lilium Rubrum, 9-11 inch, (100 to case)..... 9.00	85.00
Lilium Album, 9-11 inch, (100 to case)..... 12.00	100.00

Lilium Giganteum (New Crop)

Per 1000
6 to 8-inch (400 to case).....\$30.00
7 to 9-inch (300 to case)..... 45.00
8 to 9-inch (250 to case)..... 65.00
8 to 10-inch (225 to case)..... 73.50
9 to 10-inch (200 to case)..... 88.00

Lilium Candidum

Per 1000
Regular Grade (20-22 ctm.).....\$48.00



We are mailing this week, Special offer of Holiday Decorations, Xmas Greens, Etc.
Also New Crop Asparagus Plumosus Nanus Seed. WRITE FOR BOTH.

CHICAGO VAUGHAN'S SEED STORE, NEW YORK

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James Vick's Sons

Seedsman, Nurserymen, Florists

SEEDS
PLANTS
BULBS

All the leading
kinds for summer
and fall planting.

Ask for Catalogues.

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SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

SIMON LOUIS FRERES & CO.,

Bruyeres-le-Chatel (Seine et Oise), France.

ESTABLISHED 1666.

Wholesale Growers and Exporters of Choice Stocks of

Vegetable, Flower and Forage Seeds

Specialties--Giant Half-Sugar Mangel-Wurzel, Beet, Carrot, Celery, Dandelion,
Endive, Leek, Lettuce, Radish, Swiss-Chard, Swede and Turnip,

IMPORTERS OF--Red-top, Meadow Fescue, Blue
Grass, Sunflower, Timothy and Garden Peas.

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CORRESPONDENCE.

Mention the American Florist when writing.

Market Gardeners

Vegetable Growers' Association of America.

H. W. Selby, Philadelphia, Pa., President;
H. F. Thompson, Arlington, Mass., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; Eugene Davis, Grand Rapids,
Mich., Treasurer.

Next annual convention will be held at
Springfield, Mass., in 1917.

THE fourth national conference on marketing and farm credits will be held at the Hotel Sherman, Chicago, December 4-9.

LANCASTER, O.—M. M. Miesse is now cutting some very fine Grand Rapids and head lettuce, also cucumbers. He expects to have ripe tomatoes January 1.

Prices of Indoor Fruits and Vegetables.

Chicago, Nov. 21.—Mushrooms, home grown, 35 to 60 cents per pound; lettuce, small cases, 12½ cents; radishes, \$1.50 per 100 bunches; celery, 75 to 90 cents, open crate; tomatoes, 10-lb. baskets, \$1.00 to \$1.40; cucumbers, per 2 dozen box, \$1.75 to \$2.50.

New York, Nov. 21.—Celery, per crate, \$2.50 to \$4.00; cucumbers, 75 cents to \$1.25 per dozen; mushrooms, 75 cents to \$1.50 per 4-lb. basket; tomatoes, 10-lb. basket, \$1.50 to \$1.75; radishes, per 100 bunches, 50 cents to \$1.00; lettuce, per package, 50 cents to \$3.00.

Potato Crop in New Brunswick.

The provincial secretary for agriculture is quoted as stating that the potato crop in New Brunswick is about 10 per cent smaller than in 1915. The estimate given by him is 7,300,000 bushels from 40,000 acres, compared with 8,384,951 bushels from 41,217 acres in 1915. In a recent letter to the American consulate, one of the largest potato shippers stated that the f. o. b. price was then 80 cents per bushel in carload lots, and that the smaller crop was probably due to lack of potash in the fertilizers used. This element was very scarce at the time of planting in the spring of 1916. The price has gone up so early in the season that farmers have exported in greater quantities than usual up to this time.

Potato Association of America.

The third annual meeting of the Potato Association of America, held at Washington, D. C., November 13-14, proved to be one of the most interesting in the history of that organization. The sessions were well attended and a great amount of interest taken in the papers presented. Representatives were present from 11 of the large potato producing states in the union. The exhibits were for the most part of excellent quality. Over 300 plates were displayed. This included, besides the varietal plates, some 75 plates of seedlings, and about an equal number of South American strains. In addition to this were displayed a number of by-products manufactured from the potato.

The name of the association was changed from the National Potato Association of America to the Potato Association of America; the word "National" being dropped for the pur-

pose of conforming with the wishes of Canadian potato growers.

Officers were elected for the ensuing year as follows: Lou D. Sweet, Denver, Colo., president; J. F. Milward, Madison, Wis., vice-president; Wm. Stuart, Washington, D. C., secretary-treasurer; E. R. Smith, Kasoag, N. Y., and Henry G. Bell, Chicago, members-at-large of the executive committee. The next annual meeting place was not decided upon but will be determined later by the executive committee.

Leaf-Spot Disease of Tomatoes.

Under the above title, the botanical department of the Michigan Agricultural College experiment station, East Lansing, has issued Technical Bulletin No. 25, covering the investigations of leaf-spot, which throws much light on the structure and life history of the fungus causing the disease.

The earliest indication of the disease is a water-soaked spot which can be distinguishable with a hand lens. As the spot grows larger it becomes more or less circular in outlines and shows a definite margin, the color varying from black to grayish-white. Not infrequently the spots coalesce. The disease is commonly found on the

stems, manifested by small, slightly elongated dark spots which are not so clearly defined as those on the leaf. The disease has never been seen in Michigan as affecting the fruit in the field, however.

As a means of control, wintered-over diseased vines should be destroyed and greenhouses and field kept free from trash. Spraying the plants with Bordeaux mixture is also recommended in event the plants in the field are staked. Failures to control the disease by spraying are due, it is said, to lack of thoroughness and timeliness.

SALEM, O.—J. E. Bonsall and wife have left for the south, where they will spend the winter, following their usual custom, returning in time for spring planting.

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.

THE BEST AMERICAN BOOK ON THE SUBJECT
170 Pages.—Price \$1.00—29 Illustrations.

AMERICAN FLORIST COMPANY
440 S. Dearborn Street, Chicago.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1787.)

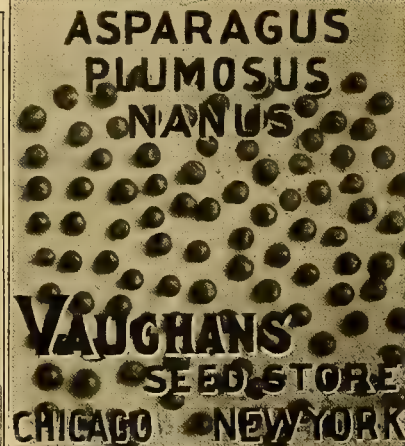
SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, Pansies, Petunias, Phloxes, Pr Scabiosa Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

Asparagus Plumosus Nanus



NEW CROP SEED NORTHERN GREENHOUSE GROWN

Price Per 100 seeds, 50c; 250 seeds, \$1.00; 1000 seeds, \$3.50;
5000 to 10,000 seeds at \$3.25 per 1000.

—Prices on larger amounts on application.—

CHICAGO

VAUGHAN'S SEED STORE,

NEW YORK

To Bloom for Easter

EXTRA STRONG CLIMBING ROSES FIELD-GROWN

We offer the following list of EXTRA STRONG FIELD-GROWN stock that will make fine plants for Easter if started cool.

3 YEAR OLD.

Excelsa—"Red Dorothy Perkins."
Delight—Bright carmine flowers; base of petals, white.
Dorothy Perkins—Beautiful shell-pink.
Flower of Fairfield—Everblooming Crimson Rambler.
Hiawatha—Single crimson, lighter center.
Lady Gay—Beautiful cherry pink.
 Price: Doz., \$3.00; 100, \$22.00; 1000, \$200.00

2 YEAR OLD.

Crimson Rambler.
Dorothy Perkins.
Excelsa.
Flower of Fairfield.
White Dorothy Perkins.
Baby Ramblers.
 Price: Doz., \$2.00; 100, \$15.00; 1000, \$140.00

HYBRID PERPETUAL ROSES--2 Year.

	Doz.	100
Anna de Diesbach.....	\$2.00	\$14.00
Frau Karl Druschki.....	2.50	18.00
General Jacqueminot.....	2.00	14.00
Gloire Lyonnaise.....	2.00	15.00
Mabel Morrison.....	2.00	15.00
Magna Charta.....	2.00	15.00

	Doz.	100
Mrs. John Laing.....	\$2.00	\$15.00
Paul Neyron.....	2.00	15.00
Prince C. De Rohan.....	2.00	15.00
Ulrich Brunner.....	2.00	15.00
Persian Yellow.....	2.00	15.00
Orleans.....	2.50	18.00

Ask for Prices on All Plants and Decorations for Thanksgiving and Xmas. **LISTS FREE.**

CHICAGO

VAUGHAN'S SEED STORE

NEW YORK

CYCLAMEN

Extra fine, Wandsbek type, 7-inch.....60c to 75c
 " " " 6-inch.....50c

Extra fine, Wandsbek type, 5-inch.....40c
 " " " 4-inch.....35c

Begonia Cinninati

Large plants, 7-inch.....75c Large plants, 6-inch.....60c
 " " 5-inch.....50c " " 4-inch.....35c

Begonia Lorraine

Large plants, 5-inch.....50c Large plants, 4-inch.....35c

Christmas Peppers

Three varieties: bushy plants, full of fruit.

7-inch, 3 in a pot.....35c
 5-inch, strong plants.....15c
 4-inch, strong plants.....12c

Jerusalem Cherries

Strong bushy plants, full of cherries.

4, 5 and 6-inch.....12 to 20c each

Primulas

Malacoides, very fine plants, in bloom, 4-inch.....10c
Chinensis, very fine plants, in bloom, 4-inch.....10c
Obconica, very fine plants, in bloom, 4-inch.....10c

Geraniums

2½-inch stock, best varieties.....\$20.00 per 1000

PYFER & OLSEM,

Wilmette, Ill.

Oklahoma City.

Storemen say that since election, business has been very fine. Among the cut flowers, the chrysanthemum has the very front position just now of course. The local crop was probably never so good as this year. The variety, Mensa, in both white and yellow, has proved a good seller; it surely has a distinct appearance of its own, and will no doubt be grown in larger quantities another year.

J. W. Furrow is attending the flower show at Dallas, Tex.

Mrs. Eager is spending a week in Tulsa, Okla.

Some of the boys in Stiles Co.'s store are not yet certain who has been elected president and all bets are being held up.

S. S. B.

MANISTEE, MICH.—Thousands of fine chrysanthemum blooms at the range of Joseph Clarkson in this city, in addition to stocks of roses, calla lilies, cyclamens, azaleas, primroses, violets and carnations, are in fine condition and present a wonderful color scheme.

Nephrolepis Verona

Best of all crested ferns, rapid grower; it's splendid fronds stand up well; each show individually; does not rot in center.

BUY FROM THE ORIGINATORS.

	Per 100	Per 1000		Per 100	Per 1000
2-Inch.....	\$8.00	\$72.00	3-Inch.....	\$12.00	\$90.00

BAMBOO

Best decorative plant that grows; strong bushy stock.

7-inch pots.....\$1.50 each 12-inch tubs.....\$6.00 each

P. S. Randolph & Sons

Wholesale Florists and Plant Specialists

R. D. VERONA, - PA.

The Nursery Trade

American Association of Nurserymen.

John Watson, Newark, N. Y., President;
Lloyd C. Stark, Louisiana, Mo., Vice-President;
John Hall, 204 Granite Bldg., Rochester, N. Y., Secretary.
Forty-second annual convention will be held at Philadelphia, Pa., June, 1917.

White Pine Rust.

ALBANY, N. Y., November 20.—Representatives of the United States department of agriculture and of agricultural departments of Canada and more than a dozen States began a two days' session here today in an effort to devise ways and means for preventing the spread of white pine blister rust, which threatens pine trees valued at \$260,000,000 in the eastern and northern belt.

New Roses at Bagatelle.

A trial of new roses will take place in the Park of Bagatelle in 1917 and 1918, as in previous years. The plants, as far as possible, to be raised in pots, and at least five of each variety sent before April 15, 1917. A notice must be appended as to their origin and parentage, stating if necessary, the special treatment required for the plants. The jury will study, during two seasons, the flowering qualities and habit of growth. Plants are to be forwarded to Roseaie de Bagatelle au Bois de Boulogne, Eugene de Neuilly-Porte-Maillot-Paris, and communications to Le Conservateur des Promenades de Paris, 4 Route du Champ d'Entrainement, par Neuilly (Seine), France.—Horticultural Trade Journal.

Grape Leaf-Folder Control.

The grape leaf-folder, a small "worm" which folds portions of grapevines over it, feeding within this shelter, can be controlled satisfactorily, say entomologists of the United States department of agriculture. Spraying regularly with arsenical solutions, crushing the larvae by hand in the folded leaves during the growing season, and burning all dead leaves and trash under the vines in the fall, are the control measures recommended in a recent publication, department bulletin No. 419, by J. F. Strauss.

A satisfactory arsenical for use in combating the leaf-folder is arsenate of lead. This may well be applied in a fungicide such as Bordeaux mixture, a single application then serving as a treatment for disease and other insect pests. The first application should be made shortly after the blossoms fall in the spring. This should dispose of the first brood of grape leaf-folders effectually, but, if the pest appears later, the application should be repeated.

The grape leaf-folder is distributed throughout the United States, but is most troublesome in the central and middle Atlantic states. The moth, of which the grape leaf-folder is the larva, has dark brown, opalescent wings, bordered with white. The body is black crossed by two white bands in the female and one in the male. The fully grown larva is about an inch long, yellow-green on the sides and somewhat darker above with scattered, fine, yellow hairs on each segment.

The larva begins folding the leaf when about two weeks old, by spinning fine silken threads across a portion of the leaf near the edge, each strand being shorter than that preceding, gradually drawing the leaf over. Within this shelter the larva feeds, skeletonizing the portions of the leaf within reach.

National Association of Gardeners.

Plans have been completed for the annual convention of the National Association of Gardeners to be held in Washington, D. C., December 5-6. The new Ebbitt House has been selected as the headquarters of the association during the convention. The lecture hall of the new Smithsonian Institution has been placed at the disposal of the association for its business meetings.

Members are requested to register with the secretary at the association's headquarters by nine o'clock on Tuesday morning, December 5, when they will be furnished with complete details of the two days' programme which will be one full of interest and sufficient activity to keep the visitors occupied during their stay at Washington. While the purpose of holding the convention will not be overlooked, it has been decided to make the meetings as brief as possible without interfering with the business that is to come before them, in order that the visiting members may have all opportunity possible to enjoy the many interesting points in and around the Capital city.

Congress will be in session and an opportunity will be provided the gardeners to observe how the laws of our country are enacted. On their visit to the department of agriculture's buildings they may learn how the government grows its plants while their visit to the mint will enable them to see how money is made. An automobile trip through the park system of Washington and a journey to the country estate of George Washington, at Mt. Vernon, are a part of the entertainment.

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

Trade Directory

Containing the Names and Addresses of Florists of the United States and Canada.

PRICE, \$3.00 POSTPAID.

American Florist Co., 440 S. Dearborn St., Chicago

ROSES, CANNAS Shrubbery THE CONARD & JONES CO., West Grove, Penna.

Mention the American Florist when writing

PEONIES and IRIS

Write for list.

PETERSON NURSERY
Stock Exchange Building, CHICAGO



Japanese Garden and Rockery

For Hot House, Conservatory and Show Window made in short time. Wide experience

T. R. OTSUKA,
Landscape Architect
300 S. Michigan Ave., Chicago

OWN ROOT

ROSES

Pot grown
2 1/4 and 4-in.

Field grown
to pot 5 to 6-in.

THE LEEDLE FLORAL COMPANY,
SPRINGFIELD-OHIO.

Hill's Evergreens

BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.
Evergreen Specialists Largest Growers in America
Box 404. DUNDEE, ILL.

Mention the American Florist when writing.

Best Stock Catalogs

For Nurserymen

—SAMPLE FREE—

Gillies Litho. & Printing Co.
ROCHESTER, N. Y.

Order Early—Paper Fluctuating.
Horticultural Printing a Specialty.

NORWAY SPRUCE FOR MINIATURE CHRISTMAS TREES SELECTED SHAPELY PLANTS.

2-3 ft., \$15 per 100 18-24 in., \$12 per 100 12-18 in., \$10 per 100

These are a very attractive florists' specialty and sell rapidly. Many of our customers have handled them in large quantities every year and with splendid success. Will pot up nicely in 6-in. and 7-in. pots. Order now. Can be shipped at once or later on up to December 1st.

JACKSON & PERKINS COMPANY, NEWARK, NEW YORK

Special Grade California Privet

I have 450,000 of this **special grade** of California Privet, grown by a new method.

Price (for 30 days only), 12 to 18 inches, \$8.00 per 1000
 " " " " " 1½ to 2 feet, 10.50 per 1000

Packed for cash with order. No order accepted for less than 1000 plants.

Also over two millions of California Privet of finest quality, in all sizes, from one to four feet, grown in the usual way. Attractive prices given upon request, especially on carload lots.

Amoor Privet, Polish Privet and Berberis Thunbergii in quantity.

J. T. LOVETT,

Little Silver, N. J.

Ferns in Flats

In Best Varieties For Fern Dishes.

\$1.50 per 100

100,000 READY NOW

Write for Wholesale Catalogue of
 FERNS, KENTIAS, ETC., to

H. PLATH

"THE FERNERIES"

Lawrence and Winnipeg Avenues.
 SAN FRANCISCO, CALIF.

Mention the American Florist when writing.

PALMS.

Joseph Heacock Co.,
 Wyncote, Pa.

Geraniums

100,000 2 and 2½-in. Pot geraniums in 28 varieties..... 2.25 20.00
 Also abundance of other stock. Correspondence Solicited.

ALONZO J. BRYAN, Wholesale Florist.
 Washington, New Jersey.

ORCHIDS

FRANCISCO DELGADO Q.

ORCHID COLLECTOR

Solicits orders for shipments of Orchids.
 Prices quoted upon application.

BOGOTO (Chapinero) COLOMBIA.

Robert Craig Co...

High Class **PALMS**

and Novelties in Decorative Plants.
 Market and 49th Sts., Philadelphia, Pa.

COTTAGE GARDENS NURSERIES, Inc., EUREKA, CALIF.

Largest growers of

Ornamental Nursery and Florist Stock
 IN AMERICA.

-- NOW READY --

PRELIMINARY CATALOGUE containing full descriptions and suggestions for growing **RHODODENDRONS, INDIAN AZALEAS, BOXWOOD, HOLLIES, WINTER-BLOOMING** and **BERRIED PLANTS** from **AUSTRALIA, JAPAN, ASIA, CHILE** and **CALIFORNIA**, suitable for use in the Commercial Florist Trade.

Also **NARCISSI, HYACINTHS, TULIPS** and **PEONIES**

If interested mail us your name and address please.

HILL'S CHOICE LANDSCAPE, DECORATIVE AND FORCING STOCK FOR FLORISTS' TRADE

Boxwoods—Pyramids, Standards, Globes, Bush, Dwarf—one of our leading specialties. Stocked in enormous quantities.

Bay Trees—Standards, Half Standards, Pyramids. We can save you money and give better quality. Let us prove it.

Hardy Tubbed Evergreens—Clipped specimens in Taxus, Thuys, Juniperus, Abies varieties in Pyramids, Globes and natural-shaped in large assortment.

Araucarias—Best sorts, best values, in both small and large sizes, for immediate effect and growing on.

Forcing Stock—Azaleas, Rhododendrons, Aucubas, Skimmia Japonica, Hydrangeas, Lilacs, Spireas, Magnollas, Japanese Maples, Wistaria Chinensis, Japanese Flowering Cherry, Peonies, Roses, in large assortment, choicest quality, best commercial sorts.

Wholesale price list will be mailed promptly on request.

Landscape Evergreen and Conifers—New, rare and standard varieties. Small, medium and large sizes supplied in perfect specimens, with ball and burlap. Largest and most extensive collection in America.

Window-Box Plants—Hardy Coniferous Evergreens for winter use. All hardy and desirable sorts, best selection, lowest prices. Also Bush Box and Dwarf Edging. This line offers wide-awake florists a grand opportunity to increase their sales and profits.

Deciduous Trees and Shrubs—Our leaders—Norway Maple, American White Elm and Japanese Barberry.

Young Stock for Lining Out—Ornamental Evergreens and Deciduous Trees and Shrub seedlings, rooted cuttings, grafts, etc., in large assortment at very low prices. Annual output, 10,000,000 plants.

Write for information and price today.

THE D. HILL NURSERY COMPANY, INC.

EVERGREEN SPECIALISTS
 LARGEST GROWERS IN AMERICA

Box 404, DUNDEE, ILL.

WHOLESALE GROWERS AND IMPORTERS

BELLE WASHBURN

The New Red Carnation With an Unbeatable Record Behind It.

Winner two years in succession of the American Carnation Society Silver Medals, 1915 and 1916. Also winner of the S. A. F. Silver Medal, 1916. besides numerous first prizes and certificates at various shows in different parts of the country.

This is purely a commercial carnation—very bright clear red, large flower, non-splitable calyx, long stem and just as free blooming as Enchantress of which it is a seedling.

Prices of rooted cuttings ready for delivery Dec. 15th and later. 25 or less at the rate of \$8.00 per 100. 50 and less than 100 at \$6.00 per 100. Orders of 100, and less than 250, \$5.00 per 100 and orders of 250 or more at the rate of \$45.00 per 1000. All cuttings guaranteed strictly first class.

BASSETT & WASHBURN,

Store and Office: 178 N. Wabash Ave.
Greenhouses: Hinsdale, Ill.

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Budding Knife

For 2 New
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BURNLEY, ENGLAND

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Immediate delivery at \$13.50 per 1000 for S. A. Nutt and Buchner and \$16.00 per 1000 for Ricard and Poitevine.

Asparagus Plumosus, fine stock at \$25.00 per 1000; same rate per 100.

ALBERT M. HERR, LANCASTER, PA.

BOXWOODS—MOST BEAUTIFUL STOCK

Pyramids, 2-ft.	.....	\$1.00 each
Pyramids, 2½-ft.	.....	1.50 each
Pyramids, 3-ft.	.....	2.00 each
Pyramids, 3½-ft.	.....	2.50 each
Standard Shape, 14x14 in.	.....	2.50 each
Globes, 14x14 in.	.....	3.00 each
Heavy Bushes, 2-ft.	.....	1.50 each
Nice Bushes, 15-in.	.....	.35c each

F. O. FRANZEN 5319 N. Clark St
CHICAGO

CARNATIONS

F. DORNER & SONS CO.,
Lafayette, - - Indiana

Seasonable Stock

ASPARAGUS PLUMOSUS, 2¼ in., \$3.00 per 100; 3 in., \$6.00 per 100.

ASPARAGUS SPRENGERI, 2¼ in., \$3.00 per 100; 3 in., \$5.00 per 100; 4 in. at \$10.00 per 100.

FERN DISH FERNS, 2½ in. The best sorts, \$3.00 per 100.

KENTIA PALMS, 4 inch pots, 15 to 18 inches high, 5 leaves, \$40.00 per 100; 5 inch pots, 18 to 24 in., 5 to 6 leaves, \$1.00 each.

CANTERBURY BELLS, (Campanula Media) fine field plants for potting for spring sales, ready for 5 inch pots. Blue, Rose and White, \$6.00 per 100.

FUNKIA NUDULATA VARIEGATA—A good seller from pots in early spring. Ready for 4 inch pots, \$6.00 per 100.

AZALEA INDICA. Arrived in good condition. Standard sorts, such as Vervaeana, Vervaeana Alba, Mad. Van der Cruyssen, Niobe, etc. 12 to 14 in., \$65.00 per 100; 14 to 16 in., \$80.00 per 100; 16 to 18 in., \$100.00 per 100.

THE STORRS & HARRISON CO., Painesville, Ohio

THE NEW 'MUMS OF THE YEAR

As usual our products surpass all the so-called commercial sorts sent out last spring.

EARLY ROSE—

A bright pink. Cut Oct. 15th to 20th.

OCTOBER QUEEN—

The purest of whites. Cut Oct. 20th.

TIGER—

Very bright yellow, an ideal commercial kind. Cut Oct. 22nd.

JOSEPHINE FOLEY—

A splendid incurving white. Maturing Oct. 30th.

We are now booking orders for early delivery.

\$15.00 per 100; \$125.00 per 1000 from 2¼-inch pots.

12.50 per 100; 100.00 per 1000 for Rooted Cuttings.

The best new late white POMPON is NORDI; new last spring, is more productive than the older sorts.

\$7.00 per 100; \$60.00 per 1000 from 2¼-inch pots.

6.00 per 100; 50.00 per 1000 for Rooted Cuttings.

Our 1915 introductions—Crystal Gem, Golden Queen, Marigold and Tekonsha will be in strong demand. They have been money makers this season.

\$4.00 per 100; \$35.00 per 1000 from 2¼-inch pots.

3.00 per 100; 25.00 per 1000 for Rooted Cuttings.

Our collection of Novelties for 1917 will be exceptionally strong.

An announcement of these will appear later.

Elmer D. Smith & Co., Adrian, Mich.

If You are interested in Mid-Winter

Blooming Plants

—or anything in—

Soft Wooded Plants

—Write—

Geo. A. Kuhl, Wholesale Grower,
PERIN, ILL.

Dracaena Indivisa

2-in., \$2.00 per 100; \$18.00 per 1,000.

Per 1000
Vinca Variegata, 2 in., \$2.00 per 100...\$20.00
S. A. Nutt, 2-in..... 16.00
Rex Begonias, 3-in..... per dozen 1.00
Satisfaction guaranteed.

ELMER RAWLINGS,

Wholesale Grower
ALLEGANY, NEW YORK

Ready Reference Section.

10 CENTS PER LINE, NET.



ADIANTUM.

Adiantum Farleyense. Nicely furnished plants, 4-in., \$50 per 100. J. A. Peterson & Sons, 3132 McHenry Ave., Westwood, Cincinnati, O.

ARAUCARIAS.

Araucaria Excelsa, 5-in., 60c each; 6-in., 75c to \$1 each; 7-in., \$1.25 to \$1.50 each. Robusta Compacta, 7-in., \$2 each. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS.

Asparagus Plumosus, 2½-in., \$3 per 100; 3-in., \$6 per 100. Sprengerii, 2½-in., \$3 per 100; 3-in., \$5 per 100; 4-in., \$10 per 100. The Storrs & Harrison Co., Painesville, O.

Asparagus Sprengerii, 3-in., \$6 per 100; 4-in., \$10 per 100. Plumosus, 2½-in., \$3.50 per 100; 3-in., \$7 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Asparagus plumosus and Sprengerii seedlings, \$1.00 per 100; \$3.00 per 1,000. Sprengerii, 2-in., \$2.00 per 100, \$18.00 per 1,000. Fine stock. EDWARD W. SCHUSTER, Crookston, Minn.

ASPARAGUS PLUMOSUS SEEDLINGS, extra strong, \$6.00 per 1,000. VAUGHAN'S GREEN-HOUSES, Western Springs, Ill.

Asparagus plumosus, fine stock, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

AZALEAS.

Azaleas for Christmas. Mme. Petrick, Veraneana, Petrick Superba, 75c, \$1, \$1.25, \$1.50, \$2.00, \$2.50, \$3.00, \$4.00, \$5.00, \$7.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Azaleas. W. & T. Smith Co., Geneva, N. Y.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHR'S CO., Rutherford, N. J.

BEGONIAS.

Begonias. Luminosa, 5-in., 20c each; Chate-laine, 2½-in., \$3.50 per 100; 3-in., \$8 per 100; 4-in., \$15 per 100. Cincinnati, 5-in., 75c each; 6-in., \$1 to \$1.25 each; 7-in., \$1.50 to \$2 each. Lorraine, 4-in., 30c each. Mellor, 5-in., 75c each; 6-in., \$1 to \$1.25 each; 7-in., \$1.25 to \$2 each. Mrs. J. A. Peterson, 4-in., 50c each; 5-in., \$1 each. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS—Immediate Delivery. Per 100
Mrs. J. A. Peterson (new), 2½-in. pots..\$ 25.00
Per 1,000 200.00
JULIUS ROEHR'S CO., Rutherford, N. J.

Begonia Cincinnati, large plants, 4-in., 35c; 5-in., 50c; 6-in., 60c; 7-in., 75c. Begonia Lorraine, large plants, 4-in., 35c; 5-in., 50c. Pyfer & Olsem, Wilmette, Ill.

Begonias. Glory of Cincinnati, Mellor and Mrs. J. A. Peterson. Price list on application. J. A. Peterson & Sons, Westwood, Cincinnati, O.

BOXWOOD.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzén, 5319 N. Clark St., Chicago.

Boxwood Sprays, good, clean, glossy, green sprays, 50 lbs., \$7.50; 100 lbs., \$13.50. Pittsburgh Cut Flower Co., Pittsburgh, Pa.

BOXWOOD.

BOXWOODS.

PYRAMIDS. Broad, heavy specimens, 2 ft., \$1.90 each; 2½ ft., \$2.00 each; 3 ft., \$2.50 each; 4 ft., \$4.50 each. Price includes tubs. f. o. b. Dundee, Ill. Write for prices on larger sizes.

BUSH SHAPE, 10-12-in., balled, 30c each; 18-in., balled, 60c each; 30-in., balled, \$1.75 each.

THE D. HILL NURSERY CO., INC.
Box 404, Dundee, Ill.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHR'S CO., Rutherford, N. J.

Boxwoods, bush, 15-in., 50c each; 18-in., 60c each. Poehlmann Bros. Co., Morton Grove, Ill.

BULBS.

SURPLUS STOCK DUTCH BULBS
Marked down away below cost to close them out quickly.

1st Size NAMED HYACINTHS. White, Pink, Rose, Lavender, Blue, \$1.50 per 100; \$14 per 1,000.

2nd Size NAMED HYACINTHS. 15 to 16 centimeters. L'Innocence, Gigantea, Grand Maitre. \$1.00 per 100; \$9 per 1,000.

MIXED HYACINTHS. Fine quality, 1,000, \$7.50. MINIATURE HYACINTHS. Red, White, Blue, \$5.00 per 1,000.

SINGLE EARLY TULIPS

Artus, Comte de Vergennes, La Reine, Lac Van Rijn, Rose Grisdelin, Yellow Prince, 60c per 100. Joost Van Vondel Kaiserkrone, 75c per 100; Single Early Mixed, 50c per 100.

DOUBLE EARLY TULIPS.

Alba Maxima, Gloria Solis, Murillo, Rubra Maxima, 75 cts. per 100.

SINGLE LATE TULIPS

Elegans, Gesneriana, La Candeur, Picotee, Persian Yellow, Retroflexa, Shandon Bells, 70 cts. per 100.
Late Cottage Tulips, mixed, 60c per 100.
Late Darwin Tulips, fine mixed, 80c per 100.

SINGLE NARCISSUS.

Emperor, Golden Spur, Princess Victoria Round Bulbs, 60 cts. per 100.

DOUBLE NARCISSUS.

Alba Pleno, Incomparable, Sul'r Phoenix, Von Sion Round Bulbs, 60 cts. per 100.

Cash with order, please.

The Templin-Crockett-Bradley Co.,
5700 Detroit Ave., Cleveland, O.

Bulbs. Chinese Narcissus, per mat of 120 bulbs, \$5.50. Named Hyacinths, 1st size, \$42 per 1,000; 2nd size, \$30 per 1,000. L. Formosum, 6 to 8-in. (350 to case), regular strain, \$35 per 1,000; 6 to 8-in. (350 to case), true black stem variety, \$40 per 1,000; L. Giganteum, L. Candidum, Tulips, early single named, Darwin and Cottage. For varieties, sizes and prices, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Yellow Calla Lily (Elliottiana), pure yellow flower.

Bulbs, 1½ to 2½-in.....\$2.50 per doz.
Bulbs, 1½ to 2½-in.....\$15.00 per hundred
Express prepaid if cash accompanies order.

A. WHEELER,
17 Arr. Box 806, Santa Cruz, Calif.

BULBS.

Bulbs for present sowing. Hyacinths, Narcissus, Crocus, Giganteum lilies. For varieties and prices see advertisement elsewhere in this issue. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

Bulbs. Lillium Harrisii, 5 to 7-in., \$4.50 per 100, \$36 per 1,000; 7 to 9-in., \$8 per 100, \$72 per 1,000. Paper White Narcissus Grandiflorus, prices on application. J. M. Thorburn & Co., 53 Barclay St., New York City.

Bulbs for present planting. Tulips, Hyacinths, Narcissus and Gladioli. For varieties and prices see advertisement elsewhere in this issue. American Bulb Co., 172 N. Wabash Ave., Chicago.

Bulbs. Lillium Formosum and Giganteum, ready now. For sizes and prices see advertisement on front cover page of this issue. Wm. F. Kasting Co., 563-570 Washington Street, Buffalo, N. Y.

Bulbs. Late Dutch Roman Hyacinths; single early Tulips and Narcissus. For varieties and prices see advertisement front cover page of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Bulbs, seeds, supplies, etc. Wholesale only. American Bulb Co., 178 N. Wabash Ave., Chicago.

CARNATIONS.

Carnations, rooted cuttings, Rosalia, Old Gold, Merry Christmas, Doris, Cottage Maid and Crystal White. Delivery January 1917 and later. \$12 per 100, \$100 per 1,000, 250 at 1,000 rate. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

New carnation Cottage Maid. A sport of Mrs. C. W. Ward. Rooted cuttings, \$12 per 100; \$100 per 1,000. Cottage Gardens Co., Inc., Queens, New York.

Carnation Superb. Fine new flesh pink. Rooted cuttings, Jan. 1, 1917, delivery, \$10 per 100, \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

Carnations. F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

CHRYSANTHEMUM STOCK PLANTS. Fine large plants full of cuttings. Price, \$15.00 per 100; \$2.00 per dozen. We dig all our plants from soil. They are not pulled up.

Varities, in white—Early Frost, Crystal Gem, Oconto, White Chieftain, Wm. Turner. In yellow—Golden Queen, Marigold, Yellow October Frost, Mrs. Morgan, Odessa. In pink—McNiece, Wells' Late Pink, Chieftain.
Special—Bronze Tekonsha, \$5.00 per doz.

BASSETT & WASHBURN, Chicago.
178 N. Wabash Ave.,

CHRYSANTHEMUM STOCK PLANTS.

Bonnafton, Enguehard, Wm. Turner, white and pink Ivory, Robert Halliday, \$4.00 per 100. Cash with order. Subject to prior sale. E. C. LUDWIG FLORAL CO., 710 E. Diamond St., North Side, Pittsburgh, Pa.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.**ALEX GUTTMANN.**

Chrysanthemum (Dinda), the best early lavender-pink in the market. Blooms have been selling for \$6.00 per dozen since middle of September. Stock plants 75c each; \$7.50 per dozen. GUTTMANN & RAYNOR, Inc., Wholesale Florists, 101 W. 28th St., New York, or Frank Dinda, Farmingdale, L. I., N. Y.

CHRYSANTHEMUMS. Good commercial varieties, 2½-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

COLEUS "Defiance." It defies any other coleus for commercial purposes. C. Winterich, Cyclamen Specialist, Defiance, O.

Coleus, Emperor William, 5-in., 25c to 35c each. Poehlmann Bros. Co., Morton Grove, Ill.

CROTONS.

Crotons, 4-in., \$4.20 per doz.; 5-in., \$6 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

Crotons, 4-in., 40c; 5-in., 60c each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN. Improved Wandsbek type, 4-in., 12c, 15c and 20c; 5-in., 25c, 35c and 50c; 6-in., 60c and 75c. All in bud and elegant condition. Cyclamen seedlings, Wandsbek type, 3 varieties, equally divided, \$4 per 100; \$30 per 1,000. Rococo erecta, new, finest ever introduced. Comes in separate colors, \$5 per 100; \$40 per 1,000. ERNEST ROBER, Wilmette, Ill.

Cyclamen Giganteum. Extra choice plants. For sizes and prices see advertisement elsewhere in this issue. J. A. Peterson & Sons, 3132 McHenry Ave., Westwood, Cincinnati, O.

Cyclamen, for November and December delivery, 4-in., \$4.20 per doz.; 5-in., \$6 per doz.; 6-in., \$9 per doz.; 7-in., \$12, \$15 and \$18 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN, fine 4-in. stock, plant quality, \$15.00, \$20.00 and \$25.00 per 100. C. Winterich, Cyclamen Specialist, Defiance, O.

Cyclamen. Extra fine Wandsbek type, 4-in., 35c; 5-in., 40c; 6-in., 50c; 7-in., 60c to 75c. Pyfer & Olsem, Wilmette, Ill.

DAHLIAS.

My latest novelty, "The Millionaire," \$10.00 per bulb. A light lavender decorative. A monster; a beauty. It's simply wonderful. My new catalogue tells about it.

GEO. L. STILLMAN.

"Dahlia Specialist."

Originator of "World-Known" Dahlias.
Box A-7. Westerly, R. I.

Dahlias. Best new and standard varieties. Peacock Dahlia Farms, Williamstown Junction, N. J.

DAISIES.**DOUBLE DAISIES, MONTROSE.**

The big giant double daisy in pink and white. Plant this giant daisy now. It is very hardy and will bloom early if planted now. Send your order in at once with the cash for strong plants, \$2.50 per 1,000.

GLOBE GREENHOUSES.

Second Ave., Munroe and Garfield St., Denver, Colo.

BEST FLOWERING DAISIES. Chicago White, special strain, 2½-in., \$5.00 per 100; Etolie D'Or (yellow), 2½-in., \$5.00 per 100. Cash, please. A. E. HUNT & CO., 30 E. Randolph St., Chicago.

DEUTZIA.

Deutzia Gracilis, pot grown, very bushy plants, now ready. Splendid forcing stock. 6-in., \$2.60 per doz.; \$18 per 100; 8-in., \$3.50 per doz.; \$25 per 100. Vaughan's Seed Store, Chicago and New York.

DRACAENAS.

Dracaena fragrans, 4-in., bushy stock, \$3 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

DRACAENA INDIVISA, 5-in., 35c. Harry Heint, West Toledo, O.

Dracaena Indivisa, 2-in., \$2 per 100, \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

FERNS.**BOSTON FERNS.**

	Per doz.
5-inch	\$ 2.40
6-inch	4.20
7-inch	9.00
8-inch	12.00
9-inch	15.00

THE GEORGE WITTBOLD CO.,
737 Buckingham Place, Chicago.

Bostons. Grown by us and are the finest in the west. 3-in., \$1.75 per doz.; \$12 per 100; 4-in., \$2.50 per doz.; \$20 per 100; 5-in., \$5 per doz.; \$40 per 100; 6-in., \$8 per doz.; \$60 per 100. Vaughan's Seed Store, Chicago and New York.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns. Nephrolepis Verona. Splendid fronds, stand up well. 2-in., \$8 per 100, \$72 per 1,000; 3-in., \$12 per 100, \$90 per 1,000. P. S. Randolph & Sons, R. D., Verona, Pa.

TABLE FERNS, best varieties, fine stock, 2-in., \$3 per 100, \$25 per 1,000; 3-in., \$5 per 100, \$40 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Fine Nephrolepis ferns. For varieties and prices see advertisement elsewhere in this issue. F. R. Pierson Co., Tarrytown, N. Y.

Ferns, table, 2½-in., \$3 each; 3-in., \$6 each; holly, 5-in., 25c each. Poehlmann Bros. Co., Morton Grove, Ill.

Fern dish ferns, 2½-in., best sorts, \$3 per 100. The Storrs & Harrison Co., Painesville, O.

GERANIUMS.

GERANIUMS. Extra strong, 2-in., S. A. Nutt, Ruby (best dark red), Dagata, Ricard, Red Wing, Vland, Landry, La Favorite, Perkins, Oberle and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wylie, Aviator, Rogers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. F. H. DE WITT & CO., Wooster, O.

Geraniums. Alph. Ricard, Beauty Poitevine, Jean Vland, Edmond Blanc and Scarlet Bedder, 2-in., \$2 per 100, \$20 per 1,000; 3-in., \$3 per 100, \$30 per 1,000. S. A. Nutt, Gen. Grant, Mad. Buchner, Mad. Recamier, Jean Oberle, Abbie Schaffer, E. G. Trego, etc., 2-in., \$2 per 100, \$18.50 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUM CUTTINGS: Nutt, double Grant, Perkins, Castellane, Vland and Jaulin, \$14.00 per 1,000; Poitevine, \$16.00 per 1,000. HARRY T. MEAD, 1230 Hanover St., Manchester, N. H.

Geraniums, 100,000 in 2 and 2½-in. pots, in 28 varieties, \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, S. A. Nutt and Buchner, \$13.50 per 1,000; Ricard and Poitevine, \$16 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, 2½-inch stock, best varieties, \$20 per 1,000. Pyfer & Olsem, Wilmette, Ill.

GREENS.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. Caldwell, The Woodsman Co., Evergreen, Ala.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

Greens. Choice cases holly, holly wreaths and laurel roping. Write your requirements. H. E. Conwell, Milton, Del.

Southern wild smilax, \$2.00 per case here. WINTERGREEN GARDENS, Marion, Ala.

HYDRANGEAS.

HYDRANGEA OTAKSA, 3-in., \$5 per 100. Flowering sizes pot-grown, 25c to 50c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

JERUSALEM CHERRIES.

Jerusalem Cherries, 4-in., stocky, \$1 per doz., \$8 per 100. The George Wittbold Co., 737 Buckingham Place, Chicago.

LANTANAS.

LANTANAS, 3-in., yellow and pink, strong plants, \$8 per 100; weeping, 3-in., \$6 per 100; 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.**From Storage.**

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

MOONVINES.

Moonvines, Parlor Ivy, Cuphea, Petunias, Salvia, Swainsona, Lemon Verbenas, Alternantheras, 2-in., \$2 per 100; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

NURSERY STOCK.

Write for wholesale price list of ornamental nursery stock. MAYWOOD NURSERY CO., Maywood, Ill.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.**PALMS.****KENTIA FORSTERIANA SINGLE PLANTS.**

Leaves	Each
6 inch pots 5-6 28 inches high...	\$ 1.25
6 inch pots 6-7 32-34 inches high...	1.50
6 inch pots 6-7 34-36 inches high...	2.00
8 inch tubs 6-7 40-42 inches high...	3.50
8 inch tubs 6-7 42-46 inches high...	4.00
8 inch tubs 6-7 50 inches high...	5.00
9 inch tubs 6-7 52-56 inches high...	7.00
10 inch tubs 6-7 60 inches high...	8.00
10 inch tubs 6-7 60-65 inches high...	12.00
15 inch tubs 6-7 8 feet high...	40.00
15 inch tubs 6-7 9-10 feet high...	50.00

KENTIA BELMOREANA SINGLE PLANTS.

Leaves	Each
2½ inch pots 4 16-18 45c each	Per Doz. \$5.00
4 inch pots 5-6 24 each	1.25
6 inch pots 5-6 28 each	1.50
8 inch tubs 5-6 42 each	5.00

Specimen plants, 15 inch tubs, \$75.00 each.

KENTIA FORSTERIANA MADE UP PLANTS.

Plants	Each
6 inch pots 3 26-28 inches high...	\$ 2.00
7 inch tubs 3 30-32 inches high...	4.00
8 inch tubs 3 38 inches high...	4.50
8 inch tubs 4 48-50 inches high...	5.00
9 inch tubs 4 52 inches high...	6.00
10 inch tubs 4 54 inches high...	8.00
12 inch tubs 4 60-64 inches high...	12.00
12 inch tubs 4 66 inches high...	15.00
15 inch tubs 4 6-6½ ft. high, heavy...	25.00
15 inch tubs 4 75-80 inches high...	30.00

ARECA LUTESCENS.

Plants	Each
6 inch pots 4 bushy, 24-28 inches high...	\$1.25

ASPIDISTRAS.

5 inch pots 10-12 leaves green	\$1.00
6 inch pots 16-20 leaves green	1.50
5 inch pots 10-12 leaves var.	1.50

POEHLMANN BROS. CO.,
Morton Grove, Illinois.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

PALMS.

LATANIA BARBONICA PALMS, 15-in. tubs, suitable for decorative work, \$5 each. **PANDANUS VEITCHII**, 15-in. tubs, \$5 each. **HENRY SMITH**, Grand Rapids, Mich.

Palms. Cocos Weddelliana, 2-in., \$1.75 per doz.; \$14 per 100; 3-in., \$2.50 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th Sts., Philadelphia, Pa.

Kentia Palms, 4-in., \$40 per 100; 5-in., \$1 each. The Storrs & Harrison Co., Painesville, O.

Palms. Joseph Heacock Co., Wyncote, Pa.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. **HENRY SMITH**, Grand Rapids, Mich.

Pandanus Veitchii, 4-in., 35c each; 6-in., 75c to \$1 each; 7-in., \$1.25 each; 9-in., \$2.00 each. **Poehlmann Bros. Co.**, Morton Grove, Ill.

PANSIES.

Giant Flowering Pansy seedlings, heavily rooted, 35c per 100; \$2.50 per 1,000. Steele's Private Stock Pansy seedlings, exhibition strain, 50c per 100, \$4.50 per 1,000. Prepared to ship immediately short distances; advise shipping long distances only after October 10, to allow frost to harden. Cash. **JOS. H. CUNNINGHAM**, Delaware, Ohio.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

Peppers, Bird's-Eye, bushy plants, 4-in., \$12.00 per 100; \$100.00 per 1,000.

Peppers, Celestial, 4-in., \$12.00 per 100; \$100.00 per 1,000.

Jerusalem Cherry, 4-in., \$12.00 per 100; \$100.00 per 1,000.

PYFER & OLSEM, Wilmette, Ill.

POINSETTIAS.

Poinsettias for Christmas flowering, 5-in., 25c; 6-in., 35c; 8-in., 60c; 9-in., 75c. Made-up, 7-in., 75c; 8-in., \$1 and \$1.25; 9-in., \$1.50 and \$2; 10-in., \$2 and \$2.50. The George Wittbold Co., 737 Buckingham Place, Chicago.

Poinsettias, 6-in., 50c each; 7-in., 75c each; 8-in., \$1 to \$1.50 each. **Poehlmann Bros. Co.**, Morton Grove, Ill.

PRIMULAS.**PRIMULA MALACOIDES.**

Extra fine stock.	100	1,000
2-inch	\$3.00	\$27.50
2½-inch	4.00	35.00
3-inch	6.00	50.00

PYFER & OLSEM, Wilmette, Ill.

PRIMULA OBCONICA. Gigantes in splendid colors, (no white), 4-in., ready for 5-in., fine for Christmas, \$6.50 per 100. Cash. **BRILL CEBLEY GARDENS**, Kalamazoo, Mich.

Primula Obconica. Assorted rich colors, 4-in., \$1.50 per doz.; \$12.00 per 100; \$100 per 1,000. The George Wittbold Co., 737 Buckingham Place, Chicago.

PRIMULAS. Obconica, Chinensis and Malacoides, 2-in. pots at \$3.00 per 100. **HENRY SMITH**, Grand Rapids, Mich.

Primulas Malacoides, Chinensis and Obconica, very fine plants, in bloom, 4-in., 10c. **Pyfer & Olsem**, Wilmette, Ill.

PRIVET.

California Privet special grade, 12 to 18-in., \$8 per 1,000; 1½ to 2 ft., \$10.50 per 1,000. Cash with order. Also Amoor Privet, Polish Privet and Berberis Thunbergii at attractive prices. **J. T. Lovett**, Little Silver, N. J.

ROSES.

Roses. Extra strong, field-grown climbing roses to bloom for Easter; also hybrid perpetual roses. For varieties and prices see advertisement elsewhere in this issue. **Vaughan's Seed Store**, Chicago and New York.

Roses. Pot-grown, 2½ and 4-in. Field grown, to pot, 5 to 6-in. The Leedle Floral Co., Springfield, O.

Roses, cannas and shrubbery. The Conard & Jones Co., West Grove, Pa.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. **Asparagus Lutzii** seed, \$1.25 per 100; \$10 per 1,000. **Asparagus Hatcherii** seed, 60c per 100; \$4.50 per 1,000. **Asparagus Elongatus** seed, \$2.00 per 100; \$15.00 per 1,000. **I. N. KRAMER & SON**, Cedar Rapids, Ia.

Seeds. **Kentia**. New crop, just arrived, **Kentia Belmoreana** and **Forsteriana**, Cocos Weddellana. Write for import prices, stating quantity desired. **McHutchison & Co.**, 95 Chambers St., New York.

Seeds. **Asparagus Plumosus Nanus**, greenhouse grown, 1,000, \$3.50; 10,000, \$32.50. California grown, 1,000, \$2.50; 10,000, \$22.50. **Arthur T. Boddington Co., Inc.**, 128 Chambers St., New York.

Increase your stock; 1,000 seeds, 50c. 200 **Asparagus plumosus**, 200 **Asparagus Sprengeri**, 200 **Boston Ivy**, 200 **Dracaena Indivisa**, 100 **Pepper tree**, 100 **Acacia Floribunda**, **GEORGE LEAVER**, P. O. Box 1049, Los Angeles, Calif.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. **Edgar F. Hurff**, Swedesboro, N. J.

Seeds, contract growers of cucumber, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. **J. C. Robinson Seed Co.**, Waterloo, Neb.

Seeds, contract growers of pepper; egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. **Stokes Seed Farms Co., Inc.**, Moorestown, New Jersey.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, Lima and pole beans. **John Bodger & Sons Co.**, Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. **Western Seed and Irrigation Co.**, Fremont, Neb.

Seeds. Bean, cucumbers, muskmelon, watermelon, squash and sweet corn. Michigan-grown radish our specialty. **S. M. Isbell & Co.**, Jackson, Mich.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed. Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. **Anton C. Zvolanek**, Sweet Pea Ranch, Lompoc, Calif.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. **George R. Pedrick & Son**, contract seed growers, Pedricktown, N. J.

Seeds, specialties: Lettuce, onion, sweet pea, aster, cosmos, mignonette, verbena in variety. **Waldo Rohnert**, Gilroy, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeris, parsley, parsnips, turnips. **R. & M. Godineau**, Angers, France.

Seeds, large growers and shipper of beans, peas and onion seed. **Brunnings**, Box 857, Melbourne, Australia.

Seeds. Beet, sweet corn, garden bean, onion sets and seed potatoes. **S. D. Woodruff & Sons**, 82 Day St., New York.

Seeds. Bean, pea, radish and all garden. Write for prices. **Leonard Seed Co.**, 226-230 W. Kluzie St., Chicago.

Seeds, wholesale field and garden seeds. **J. Bolgiano & Sons**, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seed. Flower and vegetable of every description. **Barnard's Seed Store**, 231-235 W. Madison St., Chicago.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The **Everett E. Clark Seed Co.**, Milford, Conn.

Seeds. Flower and garden seeds. Sweet Pea and Nasturtium a specialty. **Routzahn Seed Co.**, Arroyo Grande, Calif.

SEEDS.

Seeds. Wholesale price list for florists and market gardeners. **W. Atlee Burpee & Co.**, Philadelphia, Pa.

Seeds. Vegetable, flower and forage. **Simon Louis Freres & Co.**, Bruyeres-le-Chatel (Seine et Oise), France.

Seed. Grass mixtures for golf, tennis, polo. Meets all requirements. The **Albert Dickinson Co.**, Chicago.

Seed. High grade onion, lettuce, radish, sweet peas, etc. **Pieters-Wheeler Seed Co.**, Gilroy, Calif.

Seeds. Flower, sweet pea and nasturtium. The **L. D. Waller Seed Co.**, Guadalupe, Calif.

Seeds. All the leading kinds for summer and fall planting. **James Vick's Sons**, Rochester, N. Y.

Seed. Tomato, grown for the wholesale seed trade. **Haven Seed Co.**, Santa Ana, Calif.

Seeds, flower, vegetable and farm. Wholesale only. **Kelway's**, Langport, England.

Seeds. Bean growers for the wholesale trade. **Henry Fish Seed Co.**, Carpinteria, Calif.

Seed. For the wholesale trade only. **Braslan Seed Growers' Company**, San Jose, Calif.

Seeds. Onion, lettuce, radish, etc. The **Kimberlin Seed Co.**, Santa Clara, Calif.

Seeds. Pea and bean. **Alfred J. Brown Seed Co.**, Grand Rapids, Mich.

Seeds. Vegetable, flower and farm. **Henry Mette**, Quedlinburg, Germany.

Seeds which succeed. Get quotations from **Landreth**, Bristol, Pa.

STRAWBERRY PLANTS.

Progressive and Superb, \$5.00 per 1,000. Other varieties as low as \$1.50 per 1,000. Catalog free. **L. G. Tingle**, Box 170, Pittsville, Md.

SNAPDRAGONS.

Ramsburg, Silver Pink Seedling Snapdragon, **Garnet** and **Netrose**, 2½-in. pots ready for 3-in. or to bench, \$2.50 per 100, \$20.00 per 1,000. Cash.

W. A. BALLOU, Wholesale Grower.

Wheaton, Illinois.

SNAPDRAGONS, the color of **Ophelia rose**, beautiful pink yellow, took first prize at the 1915 Cleveland show, topped and branched, 2-in., \$3.00 per 100; \$27.50 per 1,000. **C. Winterich**, Cyclamen Specialist, Defiance, O.

SWAINSONA.

SWAINSONA, 4-in. pots, fine plants, \$12.50 per 100. **HENRY SMITH**, Grand Rapids, Mich.

VEGETABLE PLANTS.

100,000 transplanted lettuce, **Big Boston** and **Grand Rapids**, \$2.50 per 1,000, \$2.00 in 5,000 lots or over; fine seedlings, \$1.00 per 1,000; 5,000, \$4.00. We are giving special attention growing plants for the trade. We guarantee to please you in every way. We don't care where you live. **S. T. DANLEY & SON**, Macomb, Ill.

VINCAS.

Vinca variegata, 2-in., \$2 per 100; \$20 per 1,000. **Elmer Rawlings**, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. **C. L. Van Meter**, Monticello, Iowa.

VIOLETS.

VIOLETS. Gov. **Herrick**. The best of all. Fine field clumps, \$5.00 per 100; \$45.00 per 1,000. **C. Winterich**, Cyclamen Specialist, Defiance, O.

MISCELLANEOUS.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. **Igoe Bros.**, 61-73 Metropolitan Ave., Brooklyn, N. Y.

Choice landscape, decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The **D. Hill Nursery Co., Inc.**, box 404, Dundee, Ill.

Japanese tea garden and rockery for your greenhouse and conservatory. Made in a short time. **T. R. Otsuka**, 300 S. Michigan Ave., Chicago.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

MISCELLANEOUS.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Av., Detroit, Mich.

Boiler flues, cleaned and trimmed. Stuttle's clamps and elbows to join flues. H. Munson, 1353 N. Clark St., Chicago.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Japanese miniature gardens, fern dishes, vases, flower pots, jardinières, etc. Nippon Garden, Inc., 259 Fifth Ave., New York.

Daylite glass cleaner, quick and powerful. Will not injure paint or putty; leaves no greasy surface. Andersen Specialty Co., 6 E. Lake St., Chicago.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Norway Spruce for miniature Christmas trees. 2-3 ft., \$15 per 100; 18-24 in., \$12 per 100; 12-18 in., \$10 per 100. Can be shipped at once or later on, up to December 1st. Jackson & Perkins Co., Newark, New York.

Prepared cycas leaves. Best quality, perfect color, very pliable. 100 assorted sizes up to 36 inches long, \$4.80. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Best stock catalogues for nurserymen. Sample free. Order early. Gillies Litho. & Printing Co., Rochester, N. Y.

Vaughan's perfection points. For prices see advertisement elsewhere in this issue; Vaughan's Seed Store, Chicago and New York.

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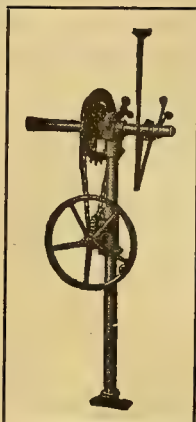
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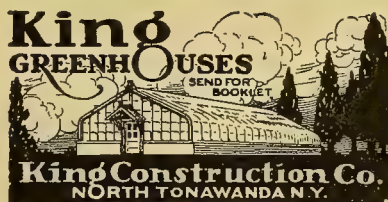
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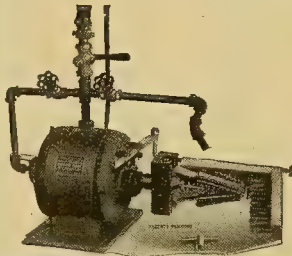
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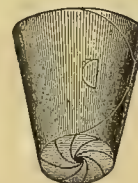
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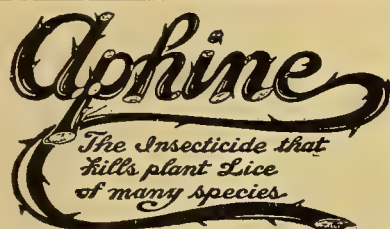
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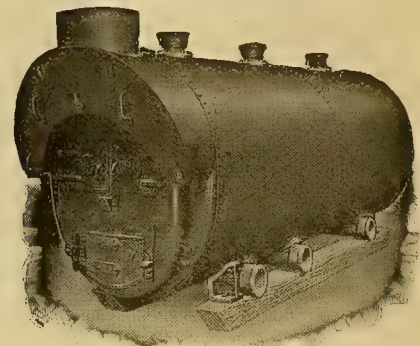
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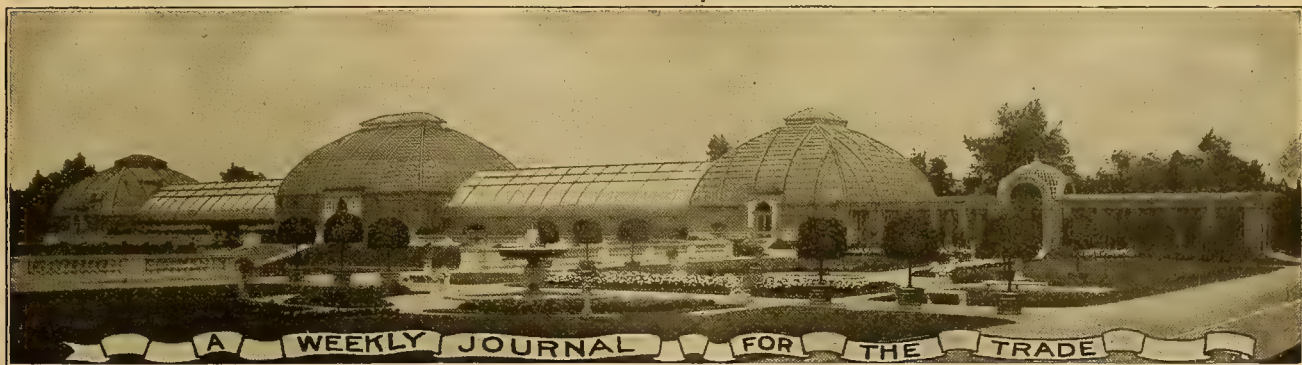
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Vol. XLVII.

CHICAGO AND NEW YORK, DECEMBER 2, 1916.

No. 1487

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Fifth National Flower Show.

The Fifth National Flower Show and the
Thirty-fourth convention of the Society of Amer-
ican Florists will be held at St. Louis, Mo.,
April 6-15, 1918.

SUGGESTIONS FOR PLANT GROWERS.

Azaleas.

Keep the azaleas well spaced out as they begin to come into flower. The buds should be swelling rapidly and beginning to show color by early December. Never allow the plants to suffer for water, and where any are shipped out or carried into the residences they should be well watered before being taken out of the greenhouse. All plants that are sent away should be safely covered, and with azaleas it must be taken into consideration that they have been grown in a very warm temperature, and they chill easily. Plants that are forced as hard as these are to have them for the holidays, are damaged very quickly if they get chilled, even if they do not get frost-bitten. We have known azalea plants to look all right when undone, but the blooms wilted and never came out. Six to eight thicknesses of newspaper with a heavy outside paper should always be used in doing up these plants and more if the weather is severe. If the plants are not far advanced enough to have them in for Christmas a little higher temperature will be required, for to have them in at that date is a necessity in order to get the best price. Watering or syringing with warm water will assist some, but we do not like to do this unless absolutely necessary to get them in on time. Plants that are too far advanced can be moved into a cooler house, which will greatly benefit them for house culture.

Cinerarias.

As fast as these plants require it they should be repotted and shifted to larger-sized pots. They are growing rapidly and should receive no check or they will become stunted. Keep them in a cool temperature, that they may be strong and sturdy, and above all things now do not crowd them, but space them out often; when the leaves begin to touch go over the bench and space them out. These plants are beautiful in early spring if well grown, but if they become crowded and get

drawn they are but poor specimens. When the larger plants begin to show their buds, if they are in as large pots as can be easily handled a watering of liquid manure will help them finish their flowers. They are strong growers and great feeders and where the pots are full of roots will need a little stimulant. Constant watchfulness for aphids is required in growing these plants. Frequent fumigations will be necessary or standing on tobacco stems will keep the insects in check.

Poinsettias.

The plants are now forming their showy bracts and the worries of the grower are nearly at an end, for if they have come through to this time in good condition the disposal of the plants and flowers is all that remains to be done. Until the highly colored leaves have attained their full size, however, the same equal temperature should be maintained and then if found advisable a little drop in the temperature can be allowed, but it is far better to do this gradually and not subject the plants to too sudden a variation. The plants should now be all neatly tied to a stake and, as before remarked, the neater the stake the better the appearance of the plant. It always has seemed strange to us that a grower will spend time and money in producing a crop and then spoil the appearance or the best sale of the plant by using a cheap ill-looking auxiliary in attempting to save a penny. These plants can be disposed of at a good remunerative price if properly handled, and nice-looking, painted stakes can be afforded. The plants grown for cut blooms should be kept tied erect that they may have straight stems. In the cutting and marketing of these blooms much disappointment and failure has been experienced by many growers, the bracts wilting very soon after cutting, and where this occurs they never recover. Some growers place the stems on a red hot coal immediately after they are cut and thus seal the end.

The American Florist CHRISTMAS NUMBER

To be issued

DECEMBER 14

Just Right For The

Christmas and Holiday Trade

Others plunge the stems in hot water, and both are said successfully to prevent wilting. Another plan is to wrap the blooms in wet newspapers, similarly to the manner of handling cut adiantums, and then placing the stems in deep jars of water. It will be found necessary to adopt one of these or some other method to prevent the blooms from wilting or many will be lost.

Lily of the Valley.

It is often remarked that it is surprising more florists do not force lily of the valley for the holidays. While the forcing of this flower throughout the season had much better be left to those who make a specialty of it, for the demand during the winter is not at all steady, and for the smaller grower to attempt to grow his supply would be hazardous and probably result in so much waste that he would lose in the end. But well grown pots of lily of the valley at Christmas will always be disposed of and there is more or less demand for the cut blooms at that time, and a small amount can be grown and a good profit obtained. Well selected cold-storage pips are necessary—it would not pay to attempt to grow the freshly imported stock—and a place in the greenhouse where the pipes can be enclosed and the pots kept dark with a temperature of 80° maintained. It is not necessary to build an enclosure of wood, for bagging or old carpeting may be hung under a bench and shelves provided that will enclose a space large enough to grow what pots may be required. Three weeks with cold storage pips in this kind of an enclosure will bring it in on time, but the inexperienced grower had better take a little longer and if the flowers come too early, as soon as the bells form the pots can be moved into a cool house and they will be much improved; in fact, they should have a few days in the light to give the foliage proper color. When the pips are received the roots should be cut so that they can be placed in the shallow bulb pans, and then planted in clean sand, the tops of the pips being just even with sand with a dozen pips in a four-inch pan or 25 in a six-inch pan. Water with warm water to settle the sand about the pips, and if they stand above the sand when it settles fill in to the top of the pips, and then place the pans in the warm enclosure. Keep the sand wet and always water at a temperature as warm as the enclosure. When the flowers begin to show, care should be taken not to wet them when watering. As soon as the first bells begin to open place them in a partly shady location in a little cooler temperature and in a day or two they can be placed in full sunlight in a house with a temperature of 60°. They will then harden up nicely and keep longer.

PATERSON, N. J.—The Flower Shop has taken temporary quarters at 215 Market street. A new building, in which it will occupy a model store when completed, is being erected at the old location.

PORT DOVER, ONT.—Thos. A. Ivey & Sons, Ltd., have placed a contract for an additional house, 60x300 feet, to be devoted to roses, which will make their range one of the largest in the Dominion. Another house of similar dimensions will be erected in the fall of 1917.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

The Debutante.

The demand for flowers for the "coming out teas" is one of the greatest factors in the early fall business. The retailers, who by push and initiative, have become leaders in their various localities, get the most of this trade; it comes to them because they carry large stocks of the best flowers and at all times show unique and novel creations as samples of their skill, or as orders about to be delivered. In these large shops there is always a quantity of made up work early in the morning for funerals, later in the day for debutantes, weddings and other social activities, all of which impresses the visitor or prospective customer with the standing and ability of the firm.

There is nothing too good for the young lady who is to be formally introduced to society. Generally the daughter of wealthy parents, with alike well-to-do relatives and friends, the gifts of flowers are as a rule elaborate and so numerous that at times it was feared the custom was being overdone, their arrangement as they arrived at the house being difficult. Every available space in the receiving parlors was soon filled, on the mantels, piled high on the piano, back of the pictures, pinned to the lambrequins and curtains, fastened to palms in the decoration suspended from chandeliers and in addition tables had to be placed in halls and adjoining rooms to hold them, for all must be displayed so as to be seen by the donors. As many as two to three hundred bouquets and baskets have been counted at the reception of one of these popular young

buds, there being great rivalry amongst them as to who would have the greatest number.

With each recurring season there is a more or less demand from the same customers, which taxes the ability of the florist in producing something different from previous orders. New varieties of roses offer more color combinations in connection with the many small flowers of other kinds that are now being grown by specialists, one of the most beautiful being the double pink bouvardia, which made a great hit last year. All kinds of orchids are much favored by those with whom price is no object.

The florists' supply men are alive to their opportunities and new creations in baskets and hampers, all with water holding receptacles, are features of each year's catalogue. Artistic designs, showing expert workmanship and unique colorings, many of them made to carry out the ideas of some of the leading houses and for their use exclusively are kept under cover. Certain lines are sold to only one firm in a city, who will make a special feature of it for the season. Baskets and hampers have been very popular for the debutantes in the past few years. There is such variety in shapes, colorings and sizes, and as all have liners for water, the flowers keep much longer than the loose clusters and bouquets. A line of Japanese baskets and vases, all of exquisite workmanship, of recent importation, are very suitable, particularly when filled with chrysanthemums.

Huge bunches of American Beauties or choice chrysanthemums are always popular for those who want a showy effect; with the former, a bunch of the miniature polyantha roses at the ribbon, in contrast to the large flowers, is always sure to be favorably noticed. Yellow pompons used the same way,



CHICAGO FLORAL ART AND NOVELTY SHOW.

Plant Basket by Schiller.



INTERIOR OF G. E. M. STUMPP'S FLOWER SHOP, 761 FIFTH AVENUE, NEW YORK.

with immense yellow chrysanthemums, always make an attractive finishing touch. Selected autumn leaved branches, or sprays of highly colored crotons are very effective arranged with chrysanthemums of almost any color.

The single and anemone flowered type of the chrysanthemum, as now grown by some specialists, in their various soft and brilliant tints of color from white with yellow centers, as in Garza, to shades of yellow and bronze, beautiful mauves and pinks, bronzy reds and other tones, lend themselves to wonderful color combinations. The newer pompons, than which nothing could be more beautiful, are effectively used by themselves or in the finish of baskets filled with larger chrysanthemums, the contrast between the large and small flowers adding materially to the value of each.

The colonial bouquet still holds its own in the place of honor at the debutante tea. There is the greatest range in its construction; any kind of a small flower may be used. All the polyantha roses are especially appropriate, or in fact tight buds of any variety. To give color effects and relieve the set appearance every kind of blossom in the shop is drawn, quartered and so reduced as to fit into any desired constructive or color scheme. An edging of lily of the valley, one, two or three rows deep, backed up with a more or less elaborate silk fringed and tufted bouquet paper, and the final touch then given with an elaborate ribbon on the handle, makes a combination that will

bring to the surface all the feminine adjectives of admiration.

At many of these functions, however, there are quantities of gifts from the relations and friends in moderate circumstances, or others who may be called on to attend a number of such receptions during the season. For these, the bunch of two or three dozen roses, the small basket, or a dozen choice chrysanthemums, with the necessary ribbon, can all be made into finished and acceptable gifts. On almost everything from the flower shop, an appropriate ribbon adds a finishing touch that is nearly always necessary and greatly enhances the appearance of the piece. A line of expensive glass and bric-a-brac, choice vases, some with figures and others elegant in design, are seen in some of the shops; these are filled with choice flowers for those who desire to send something of a substantial nature that will always be remembered in connection with the occasion.

With the beginning of the season, those who cater to this class of trade, should be in the best possible state of preparedness, full of original ideas and everything at hand to carry them out. The social columns of the daily press make a feature of all these fashionable functions, giving dates and very often photos of the debutantes. With such advance information, it is possible for the wide awake florist to place himself in touch with possible customers who might otherwise have the nearest possible road to success is

not known of his existence. Taking advantage of these recurring opportunities is what spells success and bridges over one dull time after another, until assured.

K.

Randolph & McClements, Pittsburgh, Pa.

This progressive firm of retail florists, one of the largest in the country, and by some claimed to hold the premier position, is now owned solely by Samuel McClements, who purchased P. S. Randolph's interest in the business, but still trades under the old name. No one can meet "Sam" McClements without being impressed with his personality; he is overflowing with magnetism. Himself a tireless and enthusiastic worker, he has in his organization a number of live wires, who are always on the alert to carry out his ideas and keep the house to the front. Very little of importance goes on in Pittsburgh and vicinity (and this vicinity is a large one), without the house of Randolph & McClements having the affair in charge, or being a large factor in the work. Six large trucks are kept constantly employed in the delivery service, and in addition, there are six touring and other styles of motor cars, all of which are at times pressed into service.

The store and show houses on Penn avenue, in East Liberty, are very efficiently arranged, the store proper being equipped with ice boxes, show cases and tables, on which all that is newest in baskets, vases, in fact every-

thing novel, are artistically arranged. In the rear of the store is the work room, and behind that the large shed or corridor, which extends the width of the greenhouses. This will accommodate four large auto cars, which can be loaded without danger from frost or inclement weather. The greenhouses and the large show house in front, adjoining the store, are kept full at all times of the best foliage and flowering plants of the season. The greenhouses at Allison Park contain over 150,000 feet of glass, all in good order. The entire stock is handled at the store. A large crop of chrysanthemums, of varieties that cover the season, were still being cut a week prior to Thanksgiving. Frequently from 1,200 to 1,500 flowers a day are required to meet the demand, and sometimes more. The system of rotation here is perfect; the day a 50-foot space in the chrysanthemum tables is available, it is immediately filled with a prepared follow-on crop. Snapdragon from four-inch pots, stock Jellies from six-inch, were planted out in the same soil, and places were already found for cinerarias in pots and other flowering plants. Japanese lilies were also being staged as room was made. A chrysanthemum house had been planted with two-inch Boston ferns, which make good four-inch stock for window boxes in spring. A house of *Calendula Orange King* was fine; another of *Primula obconica* in fine strains, was even now well in flower. Twenty thousands table or dish ferns, and 6,000 poinsettias give an idea of stock quantities here.

House after house is filled with ferns of the Boston type. *Cibotium* is probably grown here more largely than in most commercial establishments; one house contains 250 plants in seven to ten-inch tubs—wonderfully fine stock. Crotons are seen in quantity, splendidly colored. *Pandanus*, *aspidistras*, palms and other foliage plants are here by the house full. Bamboos are counted one of their best decorative plants—some specimens here are 10 feet in height. They are very durable if not allowed to dry out and if damaged respond quickly after a month or two in the greenhouse.

With its additional bulb cellars, cold storage houses and pits, this is one of the most efficient growing places in the country, the entire stock of which is sold at retail. Carl Lindroth is superintendent here and every section of the place reveals his master hand. He is a most enthusiastic and capable plantsman.

NORTH BILLERICA, Mass.—Miss May McAdams, with the Manning establishment here, is on a Florida trip.

CLEVELAND, O.—The Women's Florists' Club of this city has elected the following officers: Mrs. George Bate, president; Mrs. Herman Knoble, vice-president; Miss Gray, secretary; Mrs. Frank Friedley, treasurer.

ITHACA, N. Y. — Professor David Lumsden of the New York State College of Agriculture has secured a three months' leave of absence, during which time he will make a study of the retail florists' trade and research work in orchids and tropical plants at Buffalo, N. Y.

WITH THE GROWERS

P. S. Randolph & Sons, Verona, Pa.

A half hour's run on train and trolley from Pittsburgh, brings one to the very practical establishment of P. S. Randolph & Sons at Verona, Pa. There is about 60,000 feet of glass of Lord & Burnham's best iron construction.

Foliage plants are a specialty here. A number of the popular flowering varieties, such as cyclamens and poinsettias, are also grown in quantity. A decorative plant, which should be much better known, is the bamboo. This is grown in quantity and always meets with ready sale. It is raised from cuttings and it can also be propagated by division, but the cuttings make



Bamboo for Decorations.

Grown by P. S. Randolph & Sons, Verona, Pa.
Plant Five Feet High in 12-inch Tub.



Chrysanthemum Indica.

At Randolph & McClements', Pittsburgh, Pa.

much the best stock, having a bushy lower growth which is lacking in the divided plants. Samuel McClements, who uses this plant extensively in decorations, says it is the most valuable in the whole lot for the purpose—that with the bamboo and *cibotium* he can produce almost any decorative effect. It is of rapid growth, a bushy plant, standing 4 to 6 ft. in a 12-inch to 14-inch tub, perfecting in about 16 months. A house of *Phoenix Roebelenii* showed fine form. *Cibotiums* were also a feature. Several houses of well colored crotons are up to the Randolph standard. The new *Nephrolepis Verona* is one of the best of that sporty family; it somewhat resembles *Elegantissima compacta*, but is a looser grower, with a stronger midrib and not quite so heavy a frond. It does not fill up closely in the center like most of this class and should be in every grower's collection. Fifty thousand were sold here last year. Poinsettias in low pans were seen in quantity, mostly bordered with Verona ferns.

A novelty here is a pink poinsettia—nothing fakey about its color, a beautiful shade of pink, a strong grower and one that Mr. Randolph is working up as fast as possible.

Pandanus Veitchii has a large house to itself. *Phyllanthus alba*, with its marbled white and green foliage, is a valuable plant, giving a unique appearance wherever used. *Hibiscus Cooperii*, with its finely mottled red and green foliage, is much used in basket work. The Glory fern was seen here in perfection in four and six-inch pots. A large house was given to the Boston and a new sport of *Scottii* of a denser and darker green foliage. The edges of the tables in nearly all the houses were lined with variegated periwinkle and hardy ivies in three-inch pots, all in good growth. The residue and smoke from a cement factory, four miles distant, cost the Messrs. Randolph \$1,200 to \$1,500 a year in trying to keep the glass clean. It is a most unfortunate handicap for which there appears no redress. Labor is another important factor here, \$3.50 per day having to be paid for unskilled men. Mr. Randolph is, however, fortunate in the assistance of his two sons, Paul S. and Samuel M., who have been admitted to the firm. They are bright young men, full of snap and initiative, and will undoubtedly be a great factor in the coming years.

Peter Reinberg, Chicago.

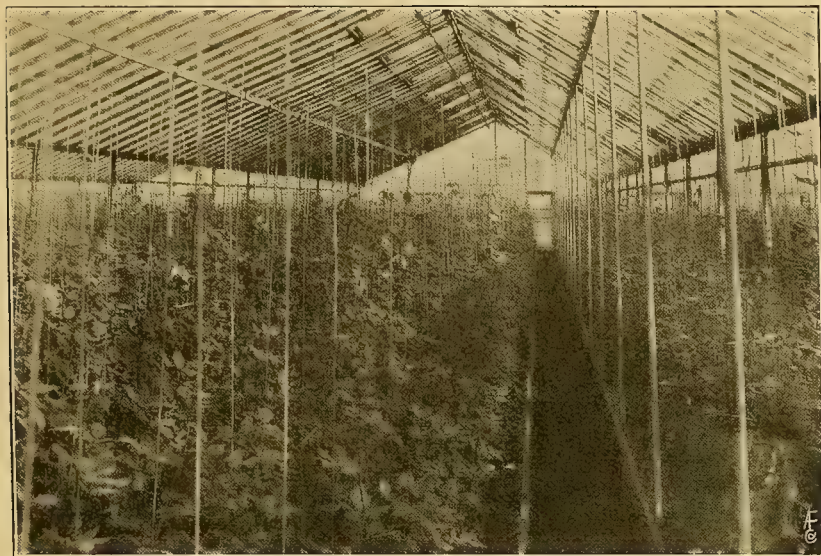
The immense ranges of glass that comprise this establishment have not been added to or changed in any way for the past 10 years. Twenty years ago the craft looked on in amazement as additions of 100,000 to 200,000 feet or more were annually added to this wonderful place. Today the houses stand as efficient as ever, save for the oily, dust coating to the glass that comes from the encroachment of the constant traffic on the oil-soaked streets. That the stock grades high is proved by the cleanup every day in the Chicago market.

Two million feet of glass, covering 30 acres of ground, producing from the very first profitable crops, which continue to this day, and will the present season, probably show even better results, is the reward for Mr. Reinberg's courage and forethought in the establishment of this business. The blocks

of houses are all built on the ridge and furrow plan so popular in the west years ago. The roofs cover spaces 27 to 29 feet in width by 300 feet long. Inside every possible foot of space is filled with roses, all in splendid vigor; not a touch of mildew, insects or blemish of any kind is to be found. All the stock is grown on benches about a foot from the ground. The greatest care is taken to keep the floor of the house, the walks and underneath the

the two outside rows being tied to one stake, which leaves an opening for light and air down the middle.

The heating has all been changed from overhead to two pipes, 1¼-inch each, under every bench and near the ends of the houses for twenty-five feet, an extra pipe. This heat under the bench keeps their feet warm, dries the beds out, admits of more watering, and is found much better in all ways than the overhead, next the glass system.



MRS. CHAS. RUSSELL ROSES AT PETER REINBERG'S, CHICAGO.

benches as clean as that of a well swept room; there is no breeding or hiding place for insects, which Emil Reichling, the foreman, believes is the greatest factor in guarding against them. While all the roses appear to be up to a high standard of culture, some varieties in their excellence stand out more prominently than others. Russell is especially fine—there are 62,700 plants of this popular rose. With some it does not pay, but as done here it is very near, if not the leader, in the returns. Milady is said to be much better than Richmond. At one time this grand red was thought unbeatable; now all here must give way to Milady, which will be their red for next season. The American Beauty block is also very fine. Ophelia is a winner here as elsewhere, but Mr. Reichling says it may have to go, being a very likely victim for the midge, a minute insect which affects the buds. This pest nearly ruined crops of roses here a few years ago, but has entirely disappeared, due to cleanliness, vigorous smoking and applications of air-slaked lime to floors and soil in the benches twice a year.

A number of beds in the several varieties have been run, as they call it, "straight through," several seasons without rest and appear to look as well as those which were cut back and rested. In benches of all kept over stock, soil is removed down to the roots, application given of bone meal and tankage, fresh soil filled in, and on they go.

All stock is on own roots—Mr. Reichling finds no advantage in the grafting. His roses are as good as any he has seen from grafted stock and quite as prolific. His two-year-old Richmonds are grown four rows to a bench,

Manure water, from cattle manure that has been steamed, is given every two weeks. A mulch of half horse and half cattle manure is given every three months.

The temperature of most of the houses is 58 to 60 degrees at night, except for Russell and Milady, which require two degrees more. For two weeks before Christmas rose houses are kept low, running 52 to 54 at night, to harden the buds and give them good lasting and shipping qualities.

The carnation range at the farm,

three miles distant, is one block of 19 houses, 25x300 feet, on the ridge and furrow plan, without division—just a five-acre space covered with glass and filled with 200,000 carnations on benches, a very grand and glorious sight to the lover of the "divine flower." There are about a third each of white, shades of pink and red. The varieties are: White—White Wonder, White Perfection, White Enchantress. Light pink—Alice and Enchantress. Dark pink—Mrs. Ward, Rosette, Rose Pink Enchantress and Good Cheer. Red—Champion, Herald, Aviator and Belle Washburn.

Stock for planting inside is rooted early and worked into 3½-inch pots, and in early spring plunged outside. It is planted on the tables after Memorial day and grown on in the houses.

Every foot of this vast space is in splendid vigorous growing condition, the plants being very stocky and full of buds and opening flowers. System is everywhere apparent in all the departments of this wonderful establishment, which is a great credit to Peter Reinberg, and his able foreman, Emil Reichling.

Wietor Brothers, Chicago.

With three large, separate ranges of glass, all within a block or two of each other, Wietor Bros. have a plant in which is produced an enormous quantity of stock. The house units are of about uniform size, 30x300 feet, joined together, ridge and furrow plan, with gutters six feet in some ranges to nine feet in height in others. They were erected by the J. C. Moninger Co. some time ago, and while old style, from the healthy, vigorous condition of the stock in all the ranges, appear to be as efficient as many of the more modern structures.

Roses, carnations and chrysanthemums are the specialties. Chrysanthemums, while an important factor, are used as a rotation or catch crop, occupying space during the summer and fall that is used for rose cuttings and grafts, and also for a large rooted chrysanthemum cutting business which is growing rapidly, over half a million being handled last year, beside 100,000 which they require for their own plant-



CARNATIONS AT PETER REINBERG'S, CHICAGO.

ing. The cuttings, when rooted, are planted close together on tables, never potted; these lift easily, and being strong, vigorous stock, give great satisfaction. Large quantities of all the popular varieties from the tiny baby pompon up to the huge and late Chadwicks—varieties all timed to be on edge in succession for the two months of the season. Pompons and singles are largely grown. Buckingham is the best pink single, a splendid flower. Golden Climax is a winner, a pompon, tall grower mid-season, a bronzy yellow, better color than Quinola, which is also largely grown; Mrs. Beu, a good late bronze; Godfrey, a single pink, like Buckingham, but late; Eugene Languelot, Fairy Queen, Lillia, a good white, and Baby, white and yellow, are all favorites here.

In the large flowered section, Oconto is their best early white, better than Smith's Advance. Zenobia is a good early yellow and White and Pink Chieftain, Bonnaffon and the Chadwicks give good results.

Roses are done very well here. Fifty thousand American Beauty in four blocks in separate places, give an idea of the magnitude of the business. Gustave Weidenhoff, the foreman, is an American Beauty grower of experience, having made this rose a specialty from the first, and they are all in fine condition. Ophelia is also seen in large blocks, growing like a weed. Killarneys, White, Pink and Brilliant; Sunburst and Richmond, are the leading kinds. As to American Beauty, Mr. Weidenhoff believes that young plants, having an early start in May, will produce more flowers in a season than kept-over plants, but they do keep some into the second season. Young stock should be strong and vigorous, set out as early in May as possible; there must be a heavy, stocky growth, so as to be able to stand the loss of foliage when cutting commences. A light, slender plant takes too long to recover. He had an idea that even with the best of care, American Beauty does not produce as in the early days.

Tea roses are carried over two and even three years, but not longer. Soil is changed each season, removing as much as possible without damaging the roots and renewing with the best compost. The soil must have a good deal of clay in it for best results. It is a costly item with them, as it has to be all hauled quite a distance.

Carnations are an important crop, over 200,000 plants being required to fill the houses. All appear to be in tip-top condition, of as good growth and full of buds as any grower could wish. They are all field grown stock, planted inside late in July and early in August. Alice looked particularly promising; also, a new pink of Gloriosa shade of remarkable growth, having flowers now with stems 42 inches in length. One-half of the entire crop is white, one-quarter light pink and the balance dark pink and red. Their varieties are: White Enchantress, White Wonder and Matchless, white; Enchantress, Alice and Nancy, light pink; Rosette and Mrs. Ward, dark pink; Victory, Bonfire, Carnegie, Champion and Nebraska, red.

NEW BRUNSWICK, N. J.—Daniel Jobbins, for the past five years a member of the staff at the state agricultural experiment station, died suddenly November 11.

HARTFORD, CONN.—The New York Floral Co. has opened an attractive flower shop on Main street. Stephen and Julius Campass are the proprietors. Excellent opening business is reported.

American Rose Society.

The executive committee of the American Rose Society held a special session in Horticultural hall, Philadelphia, Pa., on the afternoon of November 22. There was an attendance of 23 persons, representing the Philadelphia Florists' Club and the Pennsylvania Horticultural Society.

A very full discussion took place relative as to where the best place would be to fix upon for the spring exhibition of March 20-23, 1917. The discussion was finally brought to a head by a motion by Joseph Heacock, recommending the holding of the next annual meeting and exhibition of the American Rose Society in the First Regiment armory, the same to be held March 20-23, 1917, and was duly seconded. The motion was put by President Pennock and unanimously carried. It was moved that a committee be appointed to engage the armory hall, and upon motion it was moved and seconded that the president be directed to appoint George Burton as chairman of said committee. The matter of a manager for the exhibition was gone over with care, and it was moved that the secretary cast one vote for Adolph Farenwald as manager. It was further moved that a local secretary be appointed, and Fred Cowperthwaite was designated for that position. A committee on the exhibits of private gardeners and to solicit the same was appointed. William Kleinheinz, Ogontz, Pa., as chairman. Other committees were named as follows:

Committee on commercial exhibits—George Burton, Chestnut Hill, Phila-

. Schedule committee for cut flowers—Harry O. May, Summit, N. J.; Robert Simpson, Clifton, N. J.; Adolph Farenwald, Roslyn, Pa.

Official headquarters to be at the office of S. S. Pennock, 1612 Ludlow street, Philadelphia, Pa.

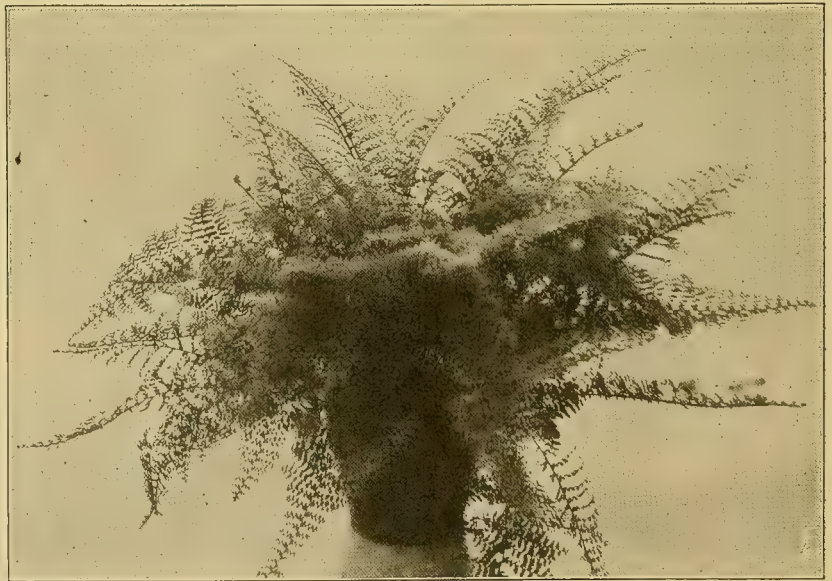
The matter of providing a refreshment stand was discussed and referred to the manager with power.

The matter of complimentary tickets to the members of the Philadelphia Florists' Club and the Pennsylvania Horticultural Society, who assist in the work of the exhibition, was referred to Geo. Burton. The distribution of tickets to the press to be left with W. F. Therkindson. The matter of the price of tickets was discussed at some length, and it was resolved that florists, merchants or seedsmen who wish to buy tickets for distribution shall pay at the rate of 25 cents each in lots of 100, and that the regular ticket of admission shall be 50 cents. In regard to children's tickets at reduced rates, this to be left in the hands of the manager and ticket committee.

A motion was made that it was the sense of the American Rose Society and of this meeting, that a resolution of thanks be extended to the Pennsylvania Horticultural Society for the use of this horticultural hall, and the courtesies extended to us, and that the secretary be directed to forward this sentiment in an official communication to the society. Motion put by President Pennock and unanimously carried.

Adjourned.

BENJAMIN HAMMOND, Sec'y.



NEPHROLEPIS VERONA.

Originated with P. S. Randolph & Sons, Verona, Pa.

delphia, Pa.; Wallace R. Pierson, Cromwell, Conn.; George Asmus, Chicago; E. Allan Peirce, Waltham, Mass.; T. B. Langhans, Pittsburgh, Pa.; Frank A. Friedley, Rocky River, Ohio; Robert Simpson, Clifton, N. J.; J. A. Peterson, Cincinnati, Ohio; William F. Gude, Washington, D. C.; Leo Niessen, Philadelphia, Pa.

Advertising—W. F. Therkindson, 471 North 5th street, Philadelphia, Pa.

Tickets—E. J. Fancourt, Philadelphia, Pa.

Decoration—John P. Haberman.

Treasurer for local expenses—Alfred Burton.

BERLIN, N. Y.—Arthur Cowee, the well-known gladiolus specialist, led the republican ticket in the county at the recent election and was re-elected to the assembly in a walk-away.

MITCHELL, S. D.—William Dethlefs, proprietor of the Davison County Greenhouses in this city, has opened a splendidly equipped retail store, the opening day marking the commencement of his sixth year in business. Starting with one greenhouse, there are now six in his range, and with the addition of the retail store, he now has an establishment second to none in the state.

Milwaukee.**MARKET EVENTUALLY CLEANS UP.**

The tide has changed at last and everybody is looking forward to a brighter future, and for very good reasons, too. Conditions for growers and wholesalers mainly have been far from satisfactory since the flood of cut chrysanthemums first began, but with the majority now a thing of the past, and prospects are good. It was not until November 24 that the wholesalers could report a cleanup, which, coupled

will be elected, and while it is always well attended, President Schroeder would like to have an especially large attendance, as other matters of importance are to come up.

A reward of \$50 is being offered by Herm. V. Hunkel for information leading to the recovery of his Hudson touring car No. 79,431, which was stolen from in front of the Holton & Hunkel Co.'s wholesale house Tuesday, November 21. At this time of writing it is still "a goner."

day last; he was too busy to say more than "Hello!"

A visit to the J. M. Fox & Son store last week, found their ice box well filled with high-grade cut flowers as usual; they cater to the better class of trade and always buy the best. Business continues good, they claim.

F. Ernst, at Thirty-seventh and North avenue, has been quite busy with funeral work of late and claims business is good, contrary to reports from some of the other retailers.

Gust Rusch & Co. report a cleanup November 24, the first time in many a day. Gust claims it meant hustle all the time, and not much to show up financially at that.

Gust Pohl, who claimed that he would cut about 10,000 yellow Bonaffon chrysanthemums, had still about half of them to be cut when seen November 22.

E. O.

Los Angeles.**GOOD STOCK IS SCARCE.**

There is a scarcity of good stock in all lines, some of the late varieties of chrysanthemums constituting the bulk of the supply of that flower. Lily of the valley is practically out of sight and good roses and carnations are not in overabundance. And so it goes. Zinnias, marigolds and centaureas are used as fillers in many of the windows.

NOTES.

Wright's Flower Shop, Inc., seems well supplied with chrysanthemums. A shipment of Mexican ivy had just been received at the time of the visit of the writer. This store is well supplied with stock and anticipates a brisk business this winter.

Paul J. Howard's horticultural establishment is a busy place at present. Quite a force is kept employed in the drafting room and the salesroom is well stocked with foliage plants and a full line of Dutch bulbs, in addition to much other stock.

The Redondo Floral Co. has been very busy during the past week; two of the force here are laid up with the grippe. Sweet peas are seen here and they are handling quite a quantity of them. Chrysanthemums are not as plentiful as they have been.

Howard & Smith are having good business both in cut flowers and nursery stock. They do a big business in landscape designing and planting.

The Broadway Florists are busy as usual. They are getting in decorative plants and green.

**CARNATIONS AT WIETOR BROS., CHICAGO.**

with the coming holiday, ought to put business on the right track again. With most of the mid-season chrysanthemums and pompons out of the way, roses, carnations, violets and a few of the old standbys, will again command attention. The recent cold snap, together with the always shortening days, reduced the supply enough, so that by November 25, prices in general went up a notch, but they will have to go quite a pace to keep up with the increased cost of production, which is getting more serious as time goes on.

NOTES.

On December 6, the Edlefsen-Leidiger Co., will discontinue their Third street store and transact all their business from their new store at 419 Milwaukee street, which was opened some time ago. The store at 349 Third street was opened as a flower store in 1894 by Edlefsen & Scott; in 1896 Mr. Scott returned to his home city, Pittsburgh, Pa., leaving Mr. Edlefsen sole proprietor for about 9 or 10 years, at which time the present Edlefsen-Leidiger Co. was organized. In 1912, Mr. Edlefsen sold out his complete interest, moving to Lorane, Oregon, his present home. Miss Rose Semler, now vice president of the firm, began her career as saleslady with the Edlefsen & Scott firm in the spring of 1895. Two others, who started there that same year in July, are Gust Rusch, of Gust Rusch & Co., and Eugene Oestreich, of the Heitman-Oestreich Co.

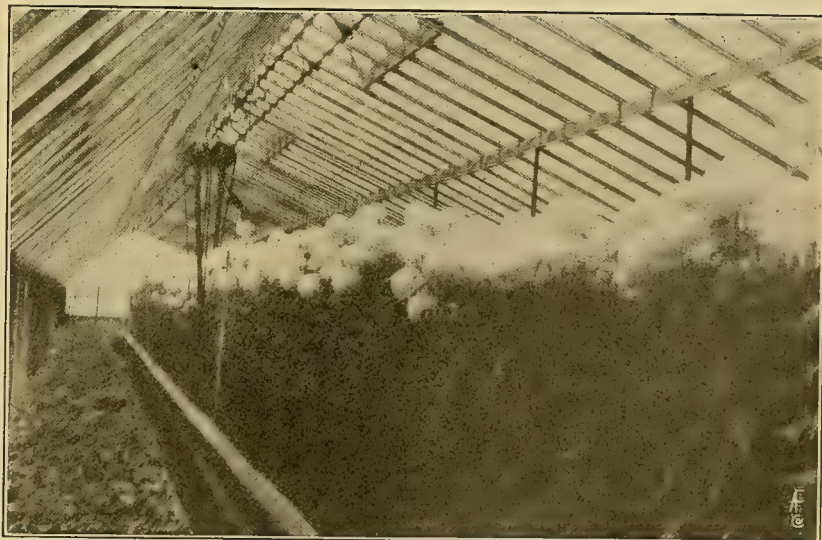
C. C. Pollworth and wife returned from their annual hunting trip in the northern part of Wisconsin November 22 with a good sized deer. Clem reports the arrival of two car loads of azaleas, some of which were nipped by frost during transit. As they were not all unpacked at the time of conversation, the full amount of damage could not be ascertained.

The next regular florists' club meeting takes place December 7, at 8:15 p. m. At this meeting officers for 1917

Mrs. Davis, in speaking for the M. A. McKenney Co., says that they are more than satisfied with the increased volume of business since moving to their new quarters on Wisconsin street last summer. Business during the month of September was especially good.

On November 20, Fred Bliese, proprietor of the Waukasha Floral Co., Waukesha, Wis., accompanied by his grower, Mr. Schultz, paid this city a visit via auto, their object being to take a look around, especially among the larger growers.

Archie McDonald was just putting the finishing touches to a window containing a display of various orchids, all clearly named and arranged very tastefully at the Gimbel store on Thurs-

**WHITE CHADWICK CHRYSANTHEMUMS AT WIETOR BROS., CHICAGO.**

S. Murata & Co. are especially busy in their shipping department. Orders for funeral work have also been numerous of late. G. H. H.

Lancaster Florists' Association.

On the afternoon of November 16 thirty good men and true of this association made an automobile tour, visiting a number of growers in Lancaster county, Pa. At Elmer Weaver's, mignonette, calendulas and sweet peas were all prominent. A new tomato, named Napoleon, was very prolific, one plant producing half a bushel of fruit. The new carnations, Nancy and Alice, were making good, but not quite up to Supreme. Aviator, Belle Washburn, Alice Coombs and Theo look well, while Akehurst, almost discarded at first, is now a leading sort. A white also looks good.

Chas. W. Weaver's place, adjoining, is the sweet pea center of this section; three 400-foot houses show one in crop, one coming and a third with the plants well up; the heating and glazing of the house not quite completed. A new Peirce steam trap has just been installed. Mignonette of quality fills a large house, a splendid looking crop.

H. B. Weaver was next seen. Here carnations are the specialty, a large Lord & Burnham house being filled with them. Alice looks like a winner here. Jacob Weaver's, of Witmer, was the next stop. Two new seedling carnations, a yellow of great merit and a very large flowered cerise, a great keeper, both look to be commercial sorts. Cutting across the country, we came to the establishment of Elias Lefevre, whose quality carnations were seen growing in the best carnation soil in the county. Pink Perfection and White Wonder, as seen here, would be a revelation even to Fred Dorner, could he see them.

John Shreiner and A. Denlinger, two growers for market, were found to have a good general stock. A good crop of chrysanthemums had been cut at Shreiner's, while the latter's carnations were in full crop, to be followed later by vegetable and flowering plants. Both these growers follow closely the rotation of crops, never allowing any idle bench space.

Enos Lefevre had carnations in good shape; also a line of bedding plants. A seedling incurved pink chrysanthemum of exceptional color was a feature.

J. Wade Galey's new greenhouse of King construction was a noted feature here. Carnations are his specialty. The stock was exceptionally fine, as near perfection as possible. The whole place was a model of neatness and efficiency.

The day was completed with the club meeting in Lancaster at 7:30 sharp. Rudolph Nagel exhibited fine blooms of Chadwick chrysanthemums. H. K. Rohrer, chairman of the recent flower show committee, reported it a success in every way. A motion was passed thanking local and out-of-town exhibitors, who had helped so much by their displays. The annual banquet is to be held in December. Chrysanthemums were the topic of the evening. The following list contains the varieties found to have good commercial value:

LARGE FLOWERED.

Oconto,	McNiece,
Charles Razer,	Jennie Nonin,
Autocrat,	Marigold,
Bonnaffon,	Lena Bay,
Golden Queen,	White Chieftain,
Yellow Razer,	Patty.

POMPONS.

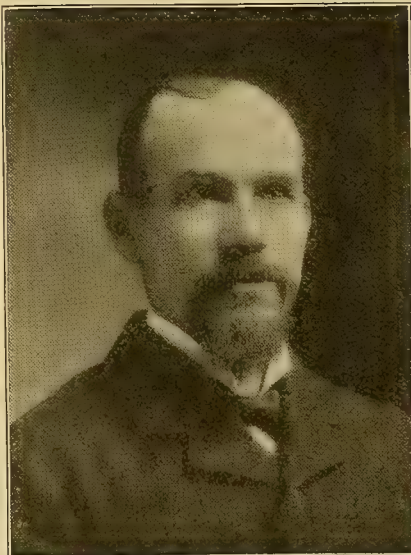
Pitcher,	Mensa varieties,
Harvest Home,	Buckingham,
Seven Oaks,	Baby sorts.

ALBERT M. HERR.

Cincinnati.

THANKSGIVING SUPPLY ADEQUATE.

The supply for Thanksgiving is extremely large and should prove equal to all demands upon it. Up to the first of this week, business had shown some improvement, but could not yet be regarded as good. The chrysanthemum glut continues and it will take a heavy demand to clean it up. Roses are still in a heavy supply that is larger than actual needs at the time of this writing. As soon as the chrysanthemum receipts let up roses should come into their own. Carnations are plentiful. The same is true of Easter lilies and callas. The first stevia of the season came into the wholesale



The Late S. J. Reuter.

houses last week. Other offerings include orchids, lily of the valley, a few sweet peas, violets, and Paper White narcissus.

NOTES.

A. K. Davis is again opening a flower store. This time his location is Newport, Ky.

The R. G. Kootz Co. is moving from their present location on Opera place, to the Gwynne building, at Sixth and Main streets.

P. J. Olinger's cut of his new red carnation, Radium, is holding up nicely; it is proving popular in the local market.

The William Murphy Co. has a good assortment of chrysanthemums for their Thanksgiving business.

C. E. Critchell has been getting in an excellent lot of new roses.

Farrel & Co. will open a new flower store on Sixth street, near Main.

Visitors: C. L. Osborn, Sidney, O., and C. Falkenheim, representing the Basket Novelty Co., New York.

H.

Detroit.

CLUB MEETING.

The florists' club meeting, November 21, was well attended and the proceedings were highly interesting. About 20 members were present with President E. A. Feters in the chair. Before the meeting opened a splendid dinner was served, as is customary at this meeting place, Hiedelberg cafe, 25 Broadway. For some time many of the members were of the opinion that club meetings once a month would be better attended and more real good work accomplished and the matter was

fully discussed at this meeting and a decision made to have the future meetings on the first Thursday of every month and the hour six o'clock in the evening, when dinner will precede the club work.

NOTES.

Walter E. Cook, of Cleveland, was present at the meeting and made a vigorous plea for active work of the club, which he said was much needed and pointed out some features that would be most valuable to the members. He urged the practice of making more exhibits of local grown stock to stimulate interest. He highly commended the work of the private gardeners, who he said showed much enthusiasm and enterprise in the direction of exhibits of their products. In the discussion that followed, it was learned that the private gardeners of Grosse Pointe, Mich., where so many of Detroit's wealthy business men reside, are being organized, and the members are to be invited to attend our next club meeting. The influx of heavy shipments of chrysanthemums from California early this fall, brought out a spirited discussion, and the growers present deplored this departure from the retailers' usual disposition to patronize home industries as much as possible, but the retailers answered that at the time, local grown stock was not available in sufficient quantity.

J. F. Sullivan's greenhouses had a narrow escape from destruction by fire Nov. 21, when live embers issuing from the chimney, fell upon the dry shingle roof of the service shed attached to the houses. The fire when discovered in the early morning had made considerable headway, but the vigorous work of the neighbors and employees soon had it under control. In the shed at the time was a stock of over 50,000 bulbs yet in the original cases, and seven hundred azaleas that had been unpacked the day before. Fortunately only a portion of the large roof was destroyed. The loss was fully covered by insurance.

Walter E. Cook, in the name of the Forest City bowlers, issued a challenge for a match game, and offered a cash prize of \$10 for the highest individual score. Sidney Beard offers a similar amount to be contested for under the arrangement of the four captains to be selected at the first game to be played Thursday evening, December 7.

Michael Bloy and Albert Pochelon were appointed a committee to provide speakers for the club meetings throughout the year and the selection of the subjects for discussion will be in charge of the same committee.

Bowling will be made a special feature of entertainment the coming season and games will be played every Thursday evening at the Broadway alleys adjoining the meeting place of the club.

J. F. S.

Fort Wayne, Ind.

The first flower show under the auspices of the florists' club was held in the ball room of the Anthony hotel, November 16-17. The affair was a decided success, both retailers and wholesalers exhibiting, and the room was at all times thronged with visitors. The exhibits were all well staged and included four decorated tables for a bridal party in addition to many vases and baskets of choice roses, chrysanthemums and other stock in variety. W. J. & M. S. Vesey exhibited a choice collection of orchids. Other firms who made displays were: Flick Floral Co., Markey Bros., Doswell Floral Co., A. J. Lanternier & Co., Ed. Wenninghoff, and New Haven Floral Co. The show will be an annual event.

NOTES.

The Flick Floral Co. recently received a large shipment of Scotch heather. This firm had several large wedding decorations during the past week and a number of Thanksgiving orders.

Arthur A. S. Shurtleff, landscape architect of Boston, Mass., gave an interesting lecture at the Chamber of Commerce, November 24, his subject being, "City Planning."

W. J. & M. S. Vesey cut 400 orchids last week from their six orchid houses. These blooms were all ordered for Thanksgiving requirements.

The florists' club will hold its December meeting at Lanternier's store, 1203 Calhoun street. H. K.

Richmond, Ind.

Fred H. Lemon & Co. have an up-to-date store on Main street. It is very conveniently arranged and filled with a choice line of baskets and other florists' bric-a-brac. A pretty card stand, with a central electric fixture, is a feature. The greenhouses in the suburbs contained a great variety of stock in good succession, all of which is sold in the store.

It is chrysanthemum time at the E. G. Hill Co. They aim to have the late varieties, the Eatons and Chadwicks in quantity for Thanksgiving; all are grown one flower to a plant and are shipped by the thousand lots to Chicago, Cincinnati and other neighboring cities.

Miss Helenthal and sister, of Columbus, Ohio, were visitors at the E. G. Hill Co.'s establishment during the past week, inspecting the seedling roses. They were delighted with the many beautiful new varieties.

Jos. H. Hill Co.'s carnations are in full crop for Thanksgiving, also the chrysanthemums. The crop in the mammoth new rose house is coming on with great vigor, Ophelia and Mrs. Ward being particularly fine.

The Advance Co. is making preparations for a record breaking business the coming season. From the number of estimates asked for it looks as if there would be extensive building the coming year.

John A. Evans Co., manufacturer of the Challenge ventilators, has had a very good season. Mr. Evans reports numerous inquiries for new work—much more than is customary at this season.

G. R. Gause & Co., on National avenue, have a good retail trade, selling their stock at the greenhouses. Business has been good this fall. K.

Portland, Me.

Hiram Dyer and his son-in-law, Mr. Small, have completed their greenhouse at South Portland and will start business in the spring. Hiram's many friends wish him success.

At the greenhouses of J. W. Minnott & Co., Inc., some very fine chrysanthemums and carnations are being cut. These two crops are usually leaders at this establishment.

The service building has been enlarged and a propagating house built at the Sawyer Greenhouses at Woodfords.

Roland Barrows and George Meloon of Gorham were recent visitors and inspected several of the ranges in this city.

G. I. S.

QUIDNICK, R. I.—J. H. Cushing, a retired florist, well known to the trade in this vicinity, died here recently.

TARRYTOWN, N. Y.—An explosion of greenhouse boilers on the estate of John D. Rockefeller caused considerable damage, November 26.

OBITUARY.

William L. Kroeschell.

The many friends of William L. Kroeschell, of Kroeschell Bros. Co., well known Chicago firm of boiler makers for the trade, were greatly shocked to learn of his death, November 23, when he was found dead at the Illinois Athletic Club. Mr. Kroeschell's health had been poor for some time. For many years he took an active interest in floricultural affairs, more especially those of his city and state. The excellent work of his firm on behalf of the wholesale florists of Chi-



The Late William L. Kroeschell.

cago during the recent strike of expressmen, is gratefully remembered and he always took a prominent part in all deliberations affecting the trade, giving liberally of his personal aid and financial resources. With others of his firm he was largely responsible for the success of the great meeting of the Vegetable Growers' Association of America, held in this city, September 26-29, and within the past few weeks he was similarly identified with the Floral Art and Novelty Show, of the Chicago Florists' Club, at the Hotel LaSalle. He was a member of the Chicago Florists' Club and a life member of the Society of American Florists, American Carnation Society, American Rose Society and the Illinois State Florists' Association, and in close touch with every movement for the welfare of the trade at all times.

Mr. Kroeschell was born in Nashville, Tenn., May 22, 1855. The family moved to Chicago and he was educated in the Chicago public schools. He first entered business on the board of trade. From 1881 to 1900 he was a member of the commission firm of Gerstenberg & Kroeschell. In 1900, upon the death of his elder brother, Mr. Kroeschell entered the firm of Kroeschell Bros. Co., with his remaining brother, Charles Kroeschell. He was secretary and treasurer of the company, which manufactures greenhouse and other boilers and also was secretary and director of Kroeschell Bros.' Ice Machine Co. He was a member of the Chicago board of trade, the Royal Arcanum and the Illinois Athletic Club.

Mrs. Kroeschell, two daughters, Mrs. Paula Butz and Mrs. Ida Von Armon,

a brother, Charles, a sister, Mrs. Cora Frommann, and his mother, Mrs. Bertha Kroeschell, survive.

The funeral, November 26, was private. The floral offerings, representing all sections of the country, were numerous and beautiful.

S. J. Reuter.

S. J. Reuter, founder of the well-known firm of S. J. Reuter & Son, Inc., growers, with establishments at West-erly, R. I., New London and Norwich, Conn., and Boston, Mass., died November 24, aged 65 years. Some years ago he was stricken with paralysis, but later visited Europe and returned somewhat improved, but for several months his health has been steadily failing.

Mr. Reuter was a native of Germany, where for many years he conducted a fine business in the growing of cut flowers before coming to America and starting the establishment at West-erly. Since his illness the business has been ably conducted by his son, Louis J. Reuter.

The deceased was highly respected by all who knew him and had many friends in the trade. He was buried with Masonic honors November 26. The casket was covered with many beautiful floral offerings. Among those prominent in the trade who attended the last sad rites were Patrick Welch and W. H. Elliott, Boston, Mass.; E. A. Pierce, Waltham, Mass.; Peter S. Byrnes, Wickford, R. I., and John Young, New York. A widow, one son and two daughters survive.

A. F. F.

Sewickley Horticultural Society.

The monthly meeting of the Sewickley Horticultural Society was held November 14 with Vice-president R. Boxel in the chair. The various committees of the chrysanthemum show made their reports, showing that all did their share in making it the success it proved to be. A vote of thanks was extended to all of the committee members. J. Barnet read a communication from the secretary of the National Association of Gardeners regarding the coming convention of that organization, which will be held at Washington, D. C., December 5-6 and announcing the appointment of Mr. Barnet as chairman of publicity for this district. His remarks were well received and as the members are in sympathy with the work of the N. A. G., there should be a good attendance at the Washington meeting. Nominations for officers for 1917 being in order, the following were proposed: For president—John Barnet, R. Boxel, A. E. Bonsey, and J. Carman. Vice-president—A. Davidson, and Robt. Taylor. Secretary—Manus Curran. Treasurer—Wm. Thompson, Jr. Executive committee—Wm. Gillies, Wm. Thompson, A. E. Bonsey, A. Davidson, R. Boxel, J. Carman, J. Barnet, Wm. Beeler, and T. Jones.

Manus Curran and T. Barnet were appointed a committee to attend the next meetings of the Pittsburgh Florists' and Gardeners' Club and the Western Pennsylvania Horticultural Society and get things started for the proposed show for 1917.

It was left to the executive committee to arrange for a ladies' night in January. A most interesting paper from the National Association on Gardeners, entitled "Horticulture as a Profession, from the Standpoint of a Gardener," was very ably read by John Carman, to whom a vote of thanks was accorded. The next four meetings will be called to order at 7:30, instead of 8:00 o'clock. Twenty-one applications for membership were received.

MANUS CURRAN, Sec'y.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,

440 S. Dearborn St., CHICAGO

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SPHAGNUM MOSS is likely to be one of the short items before May.

DURING the nine months of 1916 exports from Argentina to this country were \$56,782,000, imports \$90,280,000.

JONQUIL CAMPERNELLES, formerly a French product, is now coming from Holland, making delivery later than formerly.

AMONG the protests forwarded to the Board of United States General Appraisers during the week ending November 18 was the following: "Wheat treated with sulphur dioxide, used in the manufacture of funeral decorations. Assessed at 15 per cent."

Carnation Crystal White.

We are in receipt of the following communication from the Cottage Gardens Co., Inc., Queens, N. Y., under date of November 21:

"The impression seems to be widely prevalent in trade circles that the Cottage Gardens Company's new carnation, Crystal White, is to be disseminated this season. The company is at a loss to know where this impression originated as it has never been their intention to send out Crystal White until next season, and they never made any statement that could be construed otherwise. The only carnation they are sending out this year is Cottage Maid and they wish to assure the trade that Crystal White will not be on the market until the season of 1917-18."

French and Belgian Needs After War.

A. B. Farquhar, the well-known manufacturer of agricultural implements and machinery, says he found that from the parts of France and Belgium occupied by the Germans they had carried away all the machinery and everything that would be valuable in the re-organization of factories. The French expect to regain Alsace-Lorraine, but foresee that industrial plants there will be wrecked or dismantled. Losses, mainly industrial, in northern France and Belgium, have been estimated at nearly \$3,000,000,000. Mr. Farquhar says that great quantities of machinery "must be bought" by the French after the close of the war. "Almost every kind of machine used in modern industry" will be needed, and "any American maker of machinery can confidently turn to that market for lucrative business on the day that peace is declared." He inquired about farm implements. In a talk with the French Minister of Agriculture I said to him: "We hear a great deal in America about the necessity for rebuilding your industries. But we know almost nothing about your needs. What about the farmers?" He turned to a secretary and called for a report. It was brought, and the minister answered: "When peace comes here are some of the things French farmers will need at once: 120,000 plows, 17,200 tractor engines, 8,000 to 10,000 threshers and so on." This is an example of the opportunities that will open to our manufacturers of machinery and implements. And I believe that the same is true of almost every trade in France. Foreign goods and the machinery to make their own goods must be had in large quantities.

Chrysanthemum Society of America.

REPORTS OF EXAMINING COMMITTEES.

New York, November 8, 1916.—Graf von Fleming, white anemone, scored 88 points; Old Rose, old rose bronzy tint anemone, scored 92 points; Juno, light pink anemone, scored 85 points; Titian Beauty, bronze red shading anemone, scored 90 points; Mortimer, light pink yellow center anemone, scored 88 points; Graf von Oriola, deep pink yellow center anemone, scored 86 points; Wee Wah, bright bronze anemone, scored 90 points; H. J. Heinz, light yellow, deep yellow center anemone, scored 87 points; Pepita, white tinted pink anemone, scored 90 points; Yellow Prince, bright yellow anemone, scored 90 points; Clemencia, deep lavender anemone, scored 87 points; Wilfreda, am-

ber bronze anemone, scored 83 points; Innocencia, blush tinted pink anemone, scored 94 points; all of the above exhibited by Carl Schaeffer, superintendent for Richard Mortimer, Tuxedo, N. Y.

Philadelphia, Pa., November 18.—Whittier, yellow Jap incurved, scored 89 points commercial; Browning, light bronze Jap reflex, scored 85 points commercial; exhibited by E. G. Hill Co., Richmond, Ind.

New York, November 18.—Browning, amber bronze Jap reflex, scored 80 points commercial; Whittier, yellow Jap incurved, scored 85 points commercial; exhibited by E. G. Hill Co., Richmond, Ind.

Boston, Mass., November 18.—Sport of pink seedling, light pink Jap reflex, scored 88 points; exhibited by F. Dorner & Sons Co., Lafayette, Ind.

Chicago, November 18.—Seedling, white greenish center anemone, scored 85 points; exhibited by Deerfield Nurseries, Deerfield, Ill. Annie, white, yellow center anemone, scored 90 points; exhibited by Henry Wehrmann, Maywood, Ill.

Charles H. Totty, Madison, N. J., wishes to announce that he desires to change the name of the variety exhibited by him as Golden Champion to Nag-ir-Roc.

CHAS. W. JOHNSON, Sec'y.

Society of American Florists.

DEPARTMENT OF PLANT REGISTRATION.

Public notice is hereby given that W. Atlee Burpee & Co., Philadelphia, Pa., offer for registration the dahlias described below. Any person objecting to the registration, or to the use of the proposed names, is requested to communicate with the secretary at once. Failing to receive objection to the registration the same will be made three weeks from this date.

Pæony-Flowered — Parentage, seedling from Mrs. Hugh Dickson. An early and profuse bloomer. Flowers large. Color, salmon pink, heavily flushed yellow and amber. The central twisted florets are clear yellow with suffusion of salmon and amber. Height 4½ to 5 feet. Name, Mrs. John Gribbel.

Decorative — Parentage, Flora X Baron G. de Grancy. Flowers of medium size, pure white, of good depth, and produced on very long stiff stems. Height 4½ feet. Name, Jean Kerr.

Pæony Flowered — Parentage, seedling from Mrs. Hugh Dickson. Flowers of large size. An early and continuous bloomer. Color, salmon-buff with pinkish-salmon suffusion. Reverse of petals reddish-salmon. Height 4½ to 5 feet. Name, John D. Rockefeller.

JOHN YOUNG, Sec'y.

November 25, 1916.

Playgrounds.

Neighborhood playgrounds under the direction of play leaders were maintained in 432 American cities during the year ending November 1, 1915, according to the annual report of the Playground and Recreation Association of America. The number of new playgrounds obtained was nearly 1,000, bringing the total number of playgrounds now in operation up to 3,294. More than 100 cities employ 1,053 play leaders throughout the year. The average daily attendance on the summer playgrounds in 889 cities reporting was 814,108. Ninety cities report an average daily attendance at winter centers of 200,478.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.
For Plant Ads., See Ready Reference Section.
 Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By experienced American Beauty rose grower. Address
 Key 715, care American Florist.

Situation Wanted—By expert carnation grower and propagator; long years of practice; could take charge of big place and show good results. Address
 Key 722, care American Florist.

Situation Wanted—Mushroom grower experienced, wishes position to take charge of large mushroom plant. Apply to
 H. G. WILLIS
 Post-office, Delawanna, New Jersey.

Situation Wanted—Expert gardener seeks engagement on first-class estate. All references. Good wages expected in return for guaranteed results. Address
 Key 702, care American Florist.

Situation Wanted—By single man, age 27; 12 years' experience as gardener and florist; also decorator. Private place preferred. Best references, private and commercial. Address
 Key 689, care American Florist.

Situation Wanted—Young experienced salesman and designer is open for engagement in Chicago. Will consider \$18.00 per week to start. Ready to begin work immediately. Address
 Key 721, care American Florist.

Situation Wanted—As working foreman on big commercial place growing roses and carnations; life long experience and scientific practice; can handle men; sober and industrious; good references. Address
 Key 705, care American Florist.

Situation Wanted—Superintendent - gardener (head) seeks position; country estate; temperate; excellent greenhouse manager; landscape artist; knows live stock, engines; life experience; best references. Address
 A. PAWLITZ,
 17 Vine St., Roxbury, Boston, Mass.

Situation Wanted—Designer with executive ability and experience in growing desires responsible position; experience and credentials that assure results. Ohio preferred but will consider good proposition; young married; a hustler. Address
 Key 710, care American Florist.

Situation Wanted—By a practical man 42 years of age, with 20 years' of experience in the florist business. An all around grower, salesman and designer; American born. Married and have one child 7 years old. Can furnish best of references. Please state wages in first letter. Address
 Box 473, Salina, Kan.

Situation Wanted—By Scandinavian, single, with over 20 years' experience in Scandinavia, England, Germany and America. Several years in charge of Greenhouses and outside. Cut flowers, forcing and propagating a specialty. Well up in care of parks. References are good. Address
 Key 717, care American Florist.

Situation Wanted—Seedsmen wants situation; expert on grass, clover and field seeds; reliable vegetable and flower seedsmen; languages. German, French and English; either in office, field, warehouse or on road; practical grower, with extensive European and American field and office experience; good catalogue and advertising man. Address
 R. GERARD, Ulster Park, N. Y.

Help Wanted—First class store man; state compensation and send references. Address
 SAMUEL MURRAY
 1017 Grand Ave., Kansas City Mo.

Help Wanted—Salesman calling on seed stores to carry side line; fast seller; good commission; pocket samples; any states. Address
 M. BAYERSDORFER, Huguenot Park, N. Y.

Help Wanted—Several florists wanted; young men with experience; reliable; steady position. Apply to
 HOTEL BILTMORE, Florist Dept.,
 Madison and Vanderbilt Aves., New York.

Help Wanted—Saleslady and designer for large town, 50 miles from Chicago. \$12.00 per week to start. Address
 Key 000, care American Florist.

Help Wanted—Good pot plant grower for up-to-date commercial plant. Send full particulars in first letter, stating age, experience and wages. Address
 Key 724, care American Florist.

Help Wanted—Experienced man for roses, carnations, chrysanthemums and general stock; required on private place; state salary and experience. Address
 Box 424, Bettendorf, Iowa.

For Sale—Established flower store in Loop. Long lease, low rent, owner cannot give attention to business. Small amount cash required. This is a gold mine for a live florist. Address
 Key 706, care American Florist.

For Sale—High class flower store, with small greenhouse; located near Chicago; doing good business; reason for selling, wish to retire; \$1000 cash, balance on reasonable terms. Address
 Key 708, care American Florist.

For Sale—Owing to the fact that my store in the Palmer House needs my personal attention, I will sell my new place in the Edgewater Beach Hotel, Chicago, to some responsible party at very reasonable terms. Big bargain for a live wire. Act quick.
 JOHN MANGEL,
 17 East Monroe St., Chicago, Ill.

For Sale—A well established greenhouse plant, six houses 16 x 90 feet each, with modern equipment. A good retail trade in South Norwood, a suburb near Cincinnati, O. Reason, death of my husband.
 MRS. HENRY SCHWARZ, Florist
 Smith and Forest Ave., So. Norwood, Ohio.

For Sale—15,000 feet of glass three houses 23x150, one house 10x150; well stocked with carnations, chrysanthemums, roses and pot plants, in fine condition, and situated in the heart of Birmingham's great industrial district. Ask for full particulars. These houses are practically new. Address
 F. G. KELLY, Florist, Ensley, Ala.

For Sale—Good paying retail store for sale at a bargain. Worth \$1500 but will sell for \$700 or \$800 cash. Books open for inspection. Store is in A1 condition and is an unusual buy. This is a splendid opportunity for a young fellow to start in business for himself.
 M. B. HIRSCH, "The Willard Florist,"
 346 East Fifty-first Street, Chicago.

HELP WANTED.

Greenhouse Laborers.

At Hinsdale, Illinois, by Bassett & Washburn. Steady work all winter. Wages, \$2.50 per day. Apply to **A. C. BENSON**, Superintendent of Bassett & Washburn's Greenhouses, Hinsdale, Ill.

Male Help Wanted.

Prominent eastern Seed House desires to secure an experienced executive well acquainted in the line, wholesale and retail, who can furnish irreproachable references as to knowledge, ability and integrity. Address
 Key 723, care American Florist.



COPYRIGHT 1916 BY THE AMERICAN FLORIST CO.

For Sale—Bargain; greenhouse, 4000 ft. of glass; fully stocked, carnations, sweet peas, chrysanthemums and pot plants; Kroeschell boiler, 6 room dwelling with bath, electric lights, city water. Located on car line in best residential section of mountain health resort of 5000 population. In Eureka Springs, Ark., where thousands have been cured of kidney troubles, rheumatism, etc. Sales, \$2200.00 per year. No competition within 60 miles. Great opportunity for live man. Must be sold in 30 days. Excellent reason for selling. Price, \$3200.00; \$2000.00 cash, balance on time. Liberal discount for all cash.
 C. I. POOR, Eureka Springs, Ark.

Help Wanted.

Good rose grower. Must come well recommended.

SINNER BROS.,
 158 North Wabash Avenue, CHICAGO

FOR RENT

Modern and up-to-date retail florist establishment located near Jackson Park. Store with fixtures and refrigerator. Conservatory 25 x 50 feet. One greenhouse 25 x 115 feet and one greenhouse 25 x 140 feet. Frontage 50 feet. Apply to

J. A. MICHAL,
 7045 Stony Island Avenue, Chicago.

FOR SALE.

We have installed a new Buchbinder refrigerator in the Geo. Wittbold Co.'s new retail store on Buckingham Place, Chicago, and will sell the two refrigerators that were in use there at a bargain if taken at once. One is a display box 10x4x10 feet high and the other a storage box 8x10 feet. For further particulars address

BUCHBINDER BROS.,
 518 Milwaukee Ave., CHICAGO, ILL.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

A HOLLY WREATH

Red and Green

FOR HOLIDAY CIRCULARS AND ADVERTISING.

Plates for printing this fine Holly Wreath in two colors—green leaves and red berries and ribbon—\$3.00 per set of 2 plates. Larger size, 3 3/4 x 4 inches, \$5.00 per set of 2 plates.

Plate shown here for one color \$1.50. The large size, one color, \$2.70

Cash with order.

American Florist Co.

440 S. Dearborn St., CHICAGO.

Kansas City, Mo.

SHORT THANKSGIVING SUPPLY FEARED.

Cool and cloudy weather during the past week shortened the supply and in consequence business has been greatly benefited. The growers are holding back much of the crop. The local supply at present would not be adequate to meet the Thanksgiving day rush. Chrysanthemums dominate the market and prices have stiffened, medium sized blooms selling at \$3 to \$4 per dozen, while fancy stock is moving at \$5 and \$6 and in some cases as high as \$9 per dozen. Roses show improvement in every way. American Beauty is very good but the supply is not large. Lily of the valley, sweet peas, violets and orchids are working in fine and are much used. Lilies are good and the supply of white and yellow narcissi is growing better. Cyclamens and chrysanthemums sell well in the plant sections.

NOTES.

The Masonic charity ball in Convention hall, November 25, was one of the season's big events and practically every florist in the city had his share of orders for decorations, etc. Smilax, palms and chrysanthemums, both cut blooms and plants, were used in large numbers. One of the most attractive boxes was that arranged by Samuel Murray, boxes of Lorraine begonias at the front and large ferns and choice vases of brilliant chrysanthemums at the rear showing to splendid advantage.

During the past week the Geo. M. Kellogg Flower & Plant Co. reports a good increase in business over that of last year. They will not be able to cut enough of their own stock to meet the heavy demand that is assured for Thanksgiving day but are fortunate in having plenty of good stock ordered. Advance orders arrived earlier this year than usual.

T. J. Noll & Co. have a large supply of good stock and will be well supplied with chrysanthemums, roses, lily of the valley, violets, carnations and orchids. A fine line of American Beauty is a feature here. Medium sized chrysanthemums are scarce but the large ones in fancy varieties are plentiful.

W. J. Barnes is cutting fine Yellow Eaton and Frick chrysanthemums for his Thanksgiving trade; also, good carnations, stevias, white and yellow narcissi and a good supply of orchids. He will also feature begonias and chrysanthemums in pots.

The Rosery had one of the largest decorations of the season, November 22, at the Country club. Box trees studded with 500 cut roses and 700 large chrysanthemum blooms were used in connection with other stock.

To be added later on to the store force of H. Kusik & Co., the arrival is announced of a twelve pound boy, November 23. Shipping trade at the store is reported better with a good supply of excellent stock.

A. Mohr is cutting fine chrysanthemums, snapdragons, carnations and sweet peas. Lorraine begonias and cyclamens are in fine shape. He has 2,000 lilies and a fine lot of pot roses coming on for Easter.

Miss J. E. Murray is now able to be at the store a little each day. She reports trade good and some fine stock coming in. A large Italian wedding, November 26, kept her force hard at work.

John Stevens will cut fine Yellow Eaton and Bonaffon chrysanthemums for the Thanksgiving trade. They are of unusual size.

Arthur Newell reports everything in good shape with plenty of orders on hand.

E. J. B.



Carnation Cuttings

IT IS NOT TOO EARLY to order now if you desire December or January delivery.

NEW VARIETIES

Cottage Maid: Clear shell pink, sport of Mrs. C. W. Ward, possessing the same wonderful keeping and shipping qualities.

Merry Christmas: Color, intense deep scarlet; large flower, well formed, splendid stem and calyx, splendid keeper.

Doris: Color, brilliant maroon; vigorous grower, producing a succession of high-grade blooms on long, stiff stems; good calyx.

Rosalia: A true cerise pink; splendid grower and producer; a good commercial variety in every respect.

Old Gold: Deep yellow with faint pink stripes; the earliest and freest flowering of all yellow varieties; a decided improvement over Yellow Prince.

All of the above varieties,
\$12.00 per 100; \$100.00 per 1000.

Last year's introductions and standard varieties, prices on application.

S. S. PENNOCK-MEEHAN COMPANY,
The Wholesale Florists of Philadelphia
PHILADELPHIA, 1608-1612 Ludlow St.
NEW YORK, 117 W. 28th St.
BALTIMORE, Franklin and St. Paul Sts.
WASHINGTON, D. C., 1216 H St., N. W.

Mention the American Florist when writing

TO EXCHANGE.

700 medium Carnations, clean, healthy, potted in 4-inch pots in cold frame—Herald, Washington, Enchantress, white, pink and rose pink, and Lawson. Will exchange for S. A. Nutt, rooted, or 2 1/4-inch new Pelargoniums, 2 1/4-inch Sprenger, or a few hundred Bellis Perennis, or what have you?

HENRY GERSTENKORN,
R. 4, Box 128, DECATUR, ILL.

Cleveland.

MARKET CONDITIONS MUCH IMPROVED.

The market has shown a marked improvement over last week. Chrysanthemums have not been so plentiful and have brought slightly better prices. Pompons are still very much in evidence, and will continue so until Thanksgiving day. Large chrysanthemums will be scarce for this day, growers holding everything possible to fill orders already booked. Carnations are in good supply and the demand good. A few calla lilies arrived and snapdragon is good stock, in all colors. Roses are cleaning up nicely, some very good stock arriving daily—Rhea Reid, Mme. Perrie, Ophelia, Killarney and a few Russell. American Beauty is off crop, only a limited amount arriving. Sunburst and Ward are moving nicely, and the cool weather has brought stock up to fine shape. Lily of the valley can now be had in any quantity. Violets are moving better than for some time, stock is exceptionally fine. Greens have been a little short of the demand, especially long asparagus. Southern smilax, laurel wreathing and boxwood are having an excellent call.

C. F. B.

FINE Christmas Gift.

BAILEY'S

New Standard

Cyclopedia

Of Horticulture

Six Splendid Volumes Five Now Ready

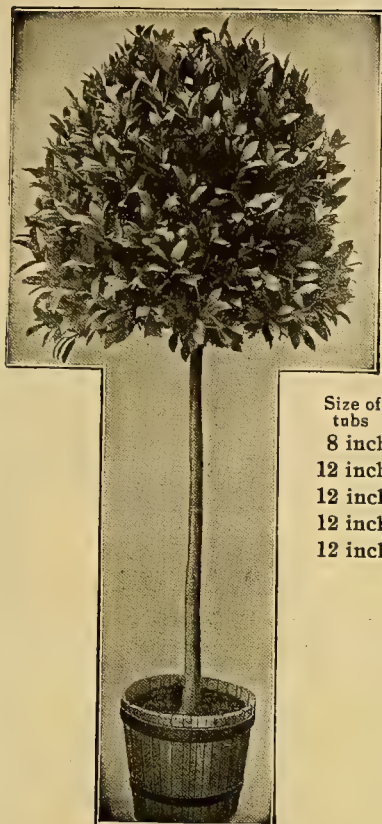
The Sixth Volume in Preparation.

This work is Prof. L. H. Bailey's latest and greatest achievement and will undoubtedly stand as a monument to him. This is not a revision of the old Cyclopedia but a brand new work containing features not dreamed of at the time of publication of the original cyclopedia which was a pioneer work. The old cyclopedia of Horticulture, it will be remembered was a cyclopedia in fact as well as in name, whereas the new **Standard Cyclopedia of Horticulture** is a gardener's manual as well as a cyclopedia and contains features that make it equally adaptable to the amateur and to the professional, to the man without education or the man with high literary tastes.

PRICE, \$6.00 PER VOLUME

Carriage paid to any part
of the United States.

American Florist Co.,
440 So. Dearborn St.,
CHICAGO, ILL.



BAY TREES

A new importation has been received from Belgium in prime condition, as nice a lot of trees as we have ever imported. Prices are slightly advanced over previous seasons, due to higher importation charges. All of these are supplied in the original Belgian tubs in which they were imported.

Standard or Tree-Shaped Bay Trees.

Size of tubs	Height of stem	Diameter of Crown	Price each	Size of tubs	Height of stem	Diameter of Crown	Price each
8 inch	18 inches	16 inches	\$ 3.50	15 inch	26-32 inches	24-30 inches	\$ 7.50
12 inch	38-44 inches	18-20 inches	6.00	18 inch	44-52 inches	30 inches	9.00
12 inch	38-44 inches	20-22 inches	6.00	18 inch	46-52 inches	32 inches	12.00
12 inch	40-46 inches	20-22 inches	7.50	20 inch	40-48 inches	32-36 inches	18.00
12 inch	40-46 inches	24-26 inches	7.50				

Pyramid-Shaped Bay Trees.

Size of tubs	Diameter at base	Height	Price each
10 inch	18 inches	3½ to 4½ feet	\$ 3.50
14 inch	18-20 inches	5 to 5½ feet	6.00
14 inch	22-24 inches	5½ to 6 feet	7.50
18 inch	24-26 inches	6 to 6½ feet	12.00
18 inch	28-32 inches	7½ to 8 feet	15.00

The prices quoted above are for the Trade only.

Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Fancy Boxwood Sprays

Why not have the **BEST BOXWOOD** when you can buy the finest select sprays from us at prices you usually pay for inferior stock. Try a sample order from us today and be convinced. Our stock is the **Cream of the Virginia Plantations**. Either tree or dwarf variety. Full supply up to the last minute.

50-pound case, \$7.50. Get our quotations on larger lots.

Ruscus, Red, Green or Purple.....75c per lb.
 Frieze Koping, Red, Green, White.....75c per lb.
 Immortelles, all colors.....\$3.00 per doz. bunches
 Fancy Log Moss, full 3 bu. bag.....\$1.50 per bag
 Dux's Fancy Magnolia Leaves.....1.35 per box

Diana Grass, all colors.....\$1.00 per lb.
 Large 12 Petal Velvet Poinsettias.....1.00 per doz.
 Small Midget Velvet Poinsettias.....1.40 per gross
 Waterproof Crepe Paper.....\$2.50 per doz. rolls

Send for our booklet of Xmas and Every Day Supplies today and get acquainted with our prices and service. Send all orders to

THE McCALLUM CO., 137 Seventh St., Pittsburgh, Pa.

(Please note that we have no connection with any other store.)

North Bergen, N. J.

If we wished to buy table ferns we would go to George Schubert, for he has them both in great quantities and variety, and it would be impossible to find a finer or cleaner stock. He also grows thousands of kentias from seed, and we were interested in seeing the little fellows pushing their heads through the soil after their sleep of months.

John Tschupp & Co. have been cutting very fine chrysanthemums and have already started a great stock of geraniums and other bedding plants. At a time when there is such a demand for pots, they have been fortunate in securing theirs.

The extensive range of E. G. Asmus' Son is now showing fine roses in all the leading varieties, American Beauty excepted. At a later date we hope to give a more extended sketch of this range.

Xmas Decorations

Select Delaware Holly Japanese Frieze

Select Delaware Holly Wreaths

Immortelles

Lycopodium Wreathing

Write for Prices. Let us book your order.

ST. LOUIS SEED CO., 411-413 Washington Ave., ST. LOUIS, MO.

William Otte has cut a great stock of chrysanthemums, and is now turning his attention to bedding plants.
 A. F. F.

SYRACUSE, N. Y.—Leonard T. Haight has been appointed receiver for Chester A. Harris, who has filed a petition in bankruptcy, net liabilities of \$4,000.

NORWAY SPRUCE for MINIATURE CHRISTMAS TREES

Selected Shapely Plants

2-3 feet, \$15.00 per 100; 18-24 inch, \$12.00 per 100; 12-18 inch, \$10.00 per 100.

These are a very attractive florists' specialty and sell rapidly. Many of our customers have handled them in large quantities every year and with splendid success. Will pot up nicely in 6-inch and 7-inch pots. Order now. Can be shipped at once or later on up to December 1st.

JACKSON & PERKINS COMPANY, Newark, New York

BOXWOOD SPRAYS

Our Supply Comes From the Old Plantations of the South.

We will furnish good, clean, glossy, green sprays (free from excess wood), every pound merchantable and useable.

50 pounds, \$7.50; 100 pounds, \$13.50 net, f. o. b. Pittsburgh, Pa.

Fancy Lycopodium, per 100 pounds,\$10.00 Selected Mistletoe..... 10 pounds, \$1.75; 25 pounds, \$3.50
Green Sheet Moss, 3-bushel sack, filled.....\$1.50 Wild Smilax, 50 pound size case.....\$5.00

HAVE YOU RECEIVED OUR CHRISTMAS BOOKLET ON FLORIST SUPPLIES?

Pittsburgh Cut Flower Co., 116-118 7th St., Pittsburgh, Pa.

St. Louis.

MARKET CONDITIONS IMPROVE.

A change in weather conditions brought an improvement in the market. Stock is inclined to be scarce. Chrysanthemums are still at their best and the demand is very good. Bonnaffon and Eaton are two of the varieties which can be had in quantity and bring prices ranging from \$10 to \$15 per 100 for the former and \$2 to \$3 per dozen for the latter. Some very fine pink are to be seen and clean up well at \$3 per dozen. Roses are scarce and the quality of same is poor. It appears that most of them are out of crop. This seems to be especially true of Russell and American Beauty. The demand exceeds the supply. Carnations are plentiful and some very fine stock is offered at \$20 per 1,000. Violets are of good quality and there are enough of them to meet all requirements. The best sell at 60 cents per 100. Paper Whites are in good demand at \$2 per 100. Pompons are plentiful this season with quality better than ever. They sell in bunches at 30 to 35 cents and in single sprays at \$5 per 100. Stevia is beginning to arrive and finds ready sale at 50 cents per 100. The market is well supplied with lilies the price being \$10 per 100. Lily of the valley is also plentiful, the best being quoted at \$6, inferior grades as low as \$4. Orchids are scarce and with the brisk demand sell readily at \$9 per dozen. Greens clean up well at nominal prices.

NOTES.

The retail florists' association held its regular meeting November 20 in the Mission Inn. The matter of advertising was taken up and discussed. Fred Weber, Jr., secretary, and F. X. Gorly, chairman of the advertising committee, reported that everything would be in readiness and an expert in advertising would be on hand at the January meeting. The membership of the association is steadily increasing.

At the meeting of the Florists' and Nurserymen's Union No. 14134 the nomination of officers resulted as follows: For president, I. Erickson; for vice-president, Henry Duernberg; for secretary, E. Y. Ellison; for treasurer, M. W. Uhl Schmidt. It was announced that the Christmas party would take place December 4.

The St. Louis Wholesale Cut Flower Co. has on display daily a fine assortment of fancy chrysanthemums. Dave Geddis has them all very nicely arranged in baskets which attract the buyers. In this way, in addition to the cut stock they sell quite a number of the baskets.

The roses from the Pilcher greenhouses are coming better every day and they find a ready market at the establishment of the Wm. C. Smith Wholesale Floral Co.

Henry Berning is selling Bonnaffons in thousand lots. In addition to a fine assortment of other stock some very fine violets are seen here.

The finest quality of pompons and Bonnaffons are a feature at the Windler Wholesale Floral Co. Business here is reported good.

The downtown florists are busy with orders for funeral work and social functions.

A new flower shop will be opened shortly at Larch and Manchester streets.

Visitors: Miss A. Dietschy, Alton, Ill.; H. H. McSelton, Hammond, Ind. X. Y. Z.

Toronto.

FUNERAL ORDERS BULK OF TRADE.

Business is erratic with only an occasional spurt to use up the large supply of chrysanthemums now on hand. Big business is lacking as all large social functions are tabooed and in consequence a lack of decorations. Funeral work forms the bulk of trade. Roses are fine, especially American Beauty, Russell, Shawyer and Ophelia, all of which are No. 1 stock, the first named bringing from \$15 to \$35 per 100, the others being quoted at from \$6 to \$12 per 100. Carnations, while not plentiful, have improved in quality and are moving at from \$2.50 to \$4 per 100. Lilium longiflorum at \$15 and callas at \$10 are scarce. The heavy cut of chrysanthemums is now practically over and the supply has shortened considerably, but there are singles and pompons galore. Cattleyas at \$35, lily of the valley at \$4.50 and violets at 75 cents to \$1 are other popular items. Stevias and poinsettias have made their appearance.

CLUB MEETING.

The monthly meeting of the florists' and gardeners' club was held Novem-

ber 21, a chrysanthemum exhibition being the feature and the attendance was large. The Lord & Burnham Co. gold prize was awarded to George Thompson for six finished blooms of Wm. Turner. For best vase of chrysanthemums, R. Jennings was first, with George Thompson, second and W. Allan, third. The Thompson entry also captured first honors in the competition for vase of singles; also certificate of merit for singles and pompons. Geo. Hollis also secured certificates of merit in these classes.

The election of officers for the ensuing year resulted as follows: George Thompson, president; A. Simpson, first vice-president; H. G. Dillemath, second vice-president. Executive committee—G. A. Hall, Thomas Manton, E. F. Collins, F. Fletcher, F. D. Clark, D. Mackenzie and John Thomson. Representative to the national exhibition—Thomas Manton.

NOTES.

Simmons & Son issued invitations for a reception at the opening of their new store on Yonge street. The event was well attended, the store was nicely decorated throughout and many pleasing novelties were displayed. An orchestra furnished a splendid programme. This establishment is one of the most up-to-date in Canada and this progressive firm deserves success.

John H. Dunlop has a new seedling rose which shows great promise. Several firms in the United States have already made bids for the stock. It is a good bright crimson, erect and of good growth, more double than Richmond and has a good stem. His pink seedling, No. 6 also shows great promise. Although cut back for the Christmas trade, stock in general here is in good shape and a good crop is expected.

H. G. D.

Louisville, Ky.

Several shipments of azaleas from Belgium arrived here recently frozen and in very bad condition. Among the local trade who received badly damaged or totally worthless stock are the New Nanz & Neuner Co., Jacob Schulz Co., F. Walker & Co., Henry Fuchs and the Kunzman Floral Co.

H. G. W.

The American Florist CHRISTMAS

NUMBER

TO BE ISSUED

DECEMBER 14

JUST RIGHT FOR THE
CHRISTMAS AND HOLIDAY TRADE

— The Best Paid —


CIRCULATION

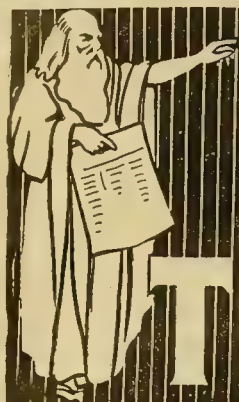
— To the Trade in the Trade —

**The Prosperous Times and Depleted Stocks
MAKE GOOD DEMAND FOR
Plants, Cut Flowers and All Florists' Supplies**

Rates as usual, \$1.00 per inch, single column width; \$30.00
per page of thirty inches. Usual discounts on time contracts.

**American Florist Co.,
440 S. Dearborn St., CHICAGO.**

 Please mail advertisements early.



PROFIT BY THIS AD

Look over the following items you can buy with your eyes shut and not go wrong:

American Beauties, Carnations
Pompons, Roses, Stevia,
Lilies, Paper Whites,
Boxwood and Winterberries

Our CARNATIONS are fine; now cutting heavy supply. Will have plenty for everybody

CURRENT PRICE LIST.

AMERICAN BEAUTIES.

	Per doz.
Long	\$6.00 to 7.50
36-inch	5.00
30-inch	4.00
24-inch	3.00
18-inch to 20-inch	2.00
Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00, \$12.00	

MRS. CHAS. RUSSELL.

	Per 100
Extra long	\$25.00 to \$35.00
Long	18.00 to 20.00
Medium	12.00 to 15.00
Short	6.00 to 10.00
Milady } Long	\$10.00 to \$12.00
Ophelia } Medium	6.00 to 8.00
Brilliant } Short	4.00
Sunburst }	

	Per 100
Killarney } Long	\$8.00 to \$10.00
White Killarney } Medium	6.00
Aaron Ward } Short	4.00
Richmond }	
Scott Key } Long	\$18.00 to \$20.00
Hoosier Beauty } Medium	12.00 to 15.00
Stanley } Short	6.00 to 10.00

MINIATURE ROSES.

Cecile Brunner	per 100, \$2.00 to \$4.00
Fireflame	per 100, 3.00 to 4.00
Baby Doll	per 100, 4.00 to 6.00
George Elgar	per 100, 2.00

FANCY CUT FERNS.

	Per 100
Hybridum	\$1.50
Adiantum	\$0.75 to 1.00

MISCELLANEOUS CUT FLOWERS.

	Per bunch
POMPONS, per bunch	\$.50 to \$.75
CATTLEYAS, per doz.	9.00 to 10.00
VALLEY	6.00
PAPER WHITES	3.00 to 4.00
CARNATIONS	3.00 to 5.00
LILIES	10.00 to 12.00
Stevia	per 100, \$2.00
Snapdragon	per 100, \$8.00 to \$12.00
Gypsophilla	\$1.00 per bunch

GREEN GOODS.

Mexican Ivy	\$0.75
Leucothoe sprays .....	.75
Sprenger and Asparagus Sprays, \$2.00 to \$3.00	
Galax (bronze and green)	per 1,000, \$1.50
New flat ferns	per 1,000, 2.50
Wild smilax	per case, 6.00

SUPPLY DEPARTMENT

SPECIAL

SEND \$10.00

50 Assorted Tumblers with Liners.

FLOWER BASKETS

24 to 30 inches high,
With Liners, Per doz., \$9.00

Our Leader Two Toned, Liner included
Per Dozen, - \$6.00

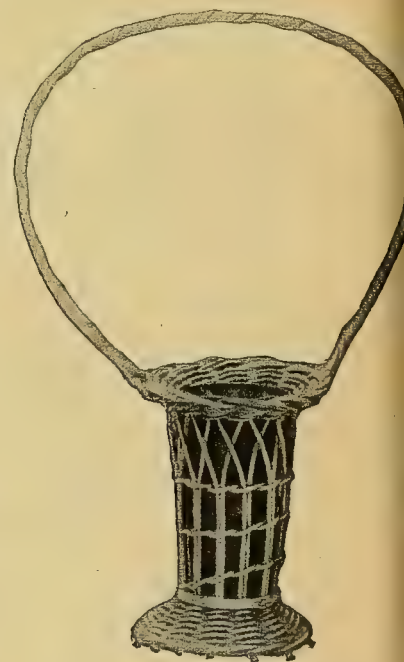
No. 224

Waxed Roses Oak Leaves Oak Sprays
Immortelles Ruscus Magnolia Wreaths

Our Leader—No. 224.

POEHLMAN

72-74 E. Randolph St.,



Kentias Western Kentias Headquarters

Largest and most complete stock offered in the West, in a healthy, strong and clean condition.

All previous prices quoted on Palms are hereby cancelled.

KENTIA FORSTERIANA SINGLE PLANTS.

Leaves	Each
6 inch pots 5-6 28 inches high...\$ 1.25	
6 inch pots 6-7 32-34 inches high... 1.50	
6 inch pots 6-7 34-36 inches high... 2.00	
8 inch tubs 6-7 40-42 inches high... 3.50	
8 inch tubs 6-7 42-46 inches high... 4.00	
8 inch tubs 6-7 50 inches high... 5.00	
9 inch tubs 6-7 52-56 inches high... 7.00	
10 inch tubs 6-7 60 inches high... 8.00	
10 inch tubs 6-7 60-65 inches high... 12.00	
15 inch tubs 6-7 8 feet high... 40.00	
15 inch tubs 6-7 9-10 feet high... 50.00	

KENTIA BELMOREANA SINGLE PLANTS.

Leaves	Each
2 1/4 inch pots 4 \$1.50 per doz., \$12 per 100	
ins. high Per Doz.	
4 inch pots 5-6 16-18 45c each .....\$5.00	
6 inch pots 5-6 24 each 1.25	
6 inch pots 5-6 28 each 1.50	
8 inch tubs 5-6 42 each 5.00	
Specimen plants, 15 inch tubs, \$75.00 each.	



KENTIA FORSTERIANA MADE UP PLANTS.

Plants	Each
6 inch pots 3 26-28 inches high.....\$ 2.00	
7 inch tubs 3 30-32 inches high..... 2.50	
8 inch tubs 3 38 inches high..... 4.00	
8 inch tubs 4 48-50 inches high..... 5.00	
9 inch tubs 4 52 inches high..... 6.00	
10 inch tubs 4 54 inches high..... 8.00	
12 inch tubs 4 60-64 inches high..... 12.00	
12 inch tubs 4 66 inches high..... 15.00	
15 inch tubs 4 6-6 1/2 ft. high, heavy.. 25.00	
15 inch tubs 4 75-80 inches high..... 30.00	

ARECA LUTESCENS.

Plants	Each
6 inch pots 4 bushy, 24-26 inches high..\$1.25	

ASPIDISTRAS.

5 inch pots 10-12 leaves green.....\$1.00	
6 inch pots 16-20 leaves green..... 1.50	
5 inch pots 10-12 leaves var..... 1.50	

Christmas Azaleas, Begonias, Cyclamens, Poinsettias

You will find it to your advantage to place your Christmas orders well in advance this year.

Araucaria Excelsa , 5 inch pot.....	Each. \$0.50 to \$0.60
" " 6 " " .....	.75 to 1.00
" " 7 " "	1.25 to 1.50
Araucaria Robusta Compacta , 7 inch pot.....	2.00
Larger Specimens, \$3.00 to \$5.00 each.	
Pandanus Veitchii , 4 inch pot.....	\$0.35
" " 6 " "	\$0.75 to 1.00
" " 7 " "	1.25
" " 8 " "	2.00
Crotons , 4 inch pot.....	.40
" 5 " " .....	.60
Rubber Plants , 5 inch pot.....	.50 to .75
" 7 " "	\$1.00, 1.50 and 2.00
Per 100.	
Asparagus Sprengerii , 3 inch pots.....	\$ 6.00
" 4 " "	10.00
Asparagus Plumosus , 2 1/2 inch pots.....	3.50
" 3 " "	7.00
Table Ferns , 2 1/2 inch pots.....	3.50
" 4 inch pots, \$15.00 per 100.	8.00
Each.	
English Ivy , 4 inch.....	\$0.15
Holly Ferns , 5 inch.....	.25
Coleus Emperor William , 5 inch.....	\$0.25 to .35

Begonia Luminosa , 5 inch.....	.20
Per 100.	
Begonia Chatelaine , 3 inch.....	\$8.00
" 4 " "	15.00
Each.	
Begonia Cincinnati , 5 inch.....	\$0.75
" 6 " "	\$1.00 to 1.25
" 7 " "	1.50 to 2.00
Begonia Lorraine , 4 inch.....	.30
Begonia Mellor , 5 inch.....	.75
" 6 " "	1.00 to 1.25
" 7 " "	1.25 to 2.00
Begonia Mrs. J. A. Peterson , 4 inch.....	.50
" 5 " "	1.00

Cyclamen For November and December Delivery.

Per Doz.	
4 inch pot.....	\$4.20
5 " "	6.00
6 " "	9.00
7 " "	\$12.00, \$15.00, \$18.00
Each.	
Poinsettias , 6 inch pans.....	\$0.50
" 7 " " .....	.75
" 8 " "	\$1.00 to 1.50

BOXWOOD, 15-18-20 inches, 50c, 60c and 75c each.

AZALEAS FOR CHRISTMAS--Order Your Supply Now.

Varieties--Mme. Petrick, Vervaeana, Petrick Superba, 75c, \$1.00, \$1.25, \$1.50, \$2.00, \$2.50, \$3.00, \$4.00, \$5.00, \$7.50.

A Nominal Charge is made for Packing.

N BROS. CO.

Long Distance Phone, **CHICAGO, ILL.**
Randolph 35.

CARNATIONS

Big Crop on for Thanksgiving.

\$3.00 to \$4.00 per 100.

CHOICE SHIPPING ROSES

RUSSELLS—We are growing the finest Russells arriving in this market. All visitors to the greenhouses in the Chicago district say that our Russell are the best here.

We cut our flowers tight in the bud as the majority of our trade is shipping. Flowers that are sold mostly to the city trade are allowed to open more than for the shipping trade. The roses which we are receiving in large quantities direct from our greenhouses within a few hours of being cut, enable us to fill all orders with strictly fresh stock. This is the great advantage of buying direct of the grower. Order here.

CURRENT PRICE LIST

American Beauties	Per doz.
Specials, extra long stems.....	\$6.00
30 to 36-inch stems.....	\$4.00 to 5.00
Medium stems.....	2.00 to 3.00
Shorter lengths.....	1.00 to 1.50

Hoosier Beauty, Rhea Reid, Ophelia, Sunburst, Shawyer.

	Per 100
Special.....	\$10.00 to \$12.00
Extra long	8.00
Good medium.....	5.00 to 6.00
Short	3.00 to 4.00

Richmond, White and Pink Killarney Killarney Brilliant

	per 100,	\$8.00
Long.....	"	\$5.00 to 6.00
Medium.....	"	3.00 to 4.00
Short	"	

ROSES, our selection, in lots of 300 or more at the rate of \$30.00 per 1000.

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN

LONG DISTANCE PHONE:
CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

Mrs. Chas. Russell.

	Per 100
Special.....	\$20.00
Long.....	15.00
Medium.....	\$8.00 to 12.00
Short.....	5.00 to 6.00
Cecile Brunner.....	per 100, 2.00
CARNATIONS	per 100, 3.00 to 4.00
LILY OF THE VALLEY.....	6.00
ASPARAGUS SPRAYS and SPRENGERL..	2.00 to 3.00
FERNS, new.....	per 100, 25 cents; in lots of 1000 or more, \$2.50 per 1000.
ADIANTUM.....	1.00
GALAX, bronze and green.....	per 1000, \$1.25 to \$1.50

Chicago.

EARLY THANKSGIVING DEMAND IS GOOD.

Trade was very quiet last week up to Friday, November 24, when the demand started to improve and the market took a sudden change for the better. The early Thanksgiving demand is good and from present indications stock of all kinds will be pretty well cleaned up before the rush is over. American Beauty roses are very scarce and are selling at high prices with an early cleanup each day. Mrs. Chas. Russell roses are none too plentiful, either, and like American Beauty roses, are unusually good property. Red roses are scarce as are roses in general, as far as that is concerned. Chrysanthemums and pompons are in fairly good supply, but are moving freely at satisfactory prices. Carnations are plentiful but are selling well and it would not be at all surprising if they cleaned up for Thanksgiving. Violets are in good demand and are selling at higher Thanksgiving prices than in former years. Gardenias are very scarce and so are orchids, which are sold almost as quickly as they reach the store. Lily of the valley is still on the short side and the better grades continued to bring \$6.00 per 100. Sweet peas are none too plentiful, but stevia and Paper White narcissus seem to be in larger supply. Daisies and calendulas are selling well and so is what little mignonette there is arriving. Lilies are seen in large quantities at many of the stores, but do not appear to be in much demand. Snapdragons are in better supply and a large quantity of

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

Cut Flower Buyers Should Read This

With the new connections we have made the past six months with the foremost growers in this part of the country we are in a position to offer you the most complete variety of cut flowers controlled by any one concern. This means that we are equipped to handle all of your orders to your entire satisfaction.

strawflowers are still included in the offerings. Green goods in general are in large supply with the possible exception of Asparagus plumosus, which, at times, the past week has been rather scarce.

NOTES.

Andrew Chronis is more than pleased with the increase in sales at the Alpha Floral Co.'s store this month, and is making a tremendous showing and strong bid for the Thanksgiving business. This firm always carries a large and complete line of stock, including all the novelties, and, judging from the large number of gardenias on hand at

all times, one would believe he has a corner on the local production.

Oscar J. Friedman, 516 South Michigan avenue, reports trade as very good and that last week was the best seven days' business he has experienced since Victor Bergman has been with him. This store is always kept in apple-pie order and the window displays are always so original and unusual that the people passing by on Michigan avenue make it a point to stop and admire them.

O. A. & L. A. Tonner are enjoying a good cut flower and supply business and are more than pleased with the Thanksgiving demand.

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St.,

Long Distance Central 2846,
Phones: 3284, 601.

CHICAGO

LARGE QUANTITIES

ROSES AND CARNATIONS

Best Stock Obtainable in the Chicago Market at the Prices Quoted, so Place Your Orders With Us
Fancy Sweet Peas, Lilies, Lily of the Valley and Complete Line of Greens.

Buy Direct From The Grower

Current Price List.

Subject to Change Without Notice.

(EFFECTIVE DECEMBER 1)

AMERICAN BEAUTIES—

	Per doz.
Extra long stems.....	\$5.00
48-inch stems.....	4.00
36-inch stems.....	3.00
30-inch stems.....	2.50
24-inch stems.....	2.00
20-inch stems.....	1.50
15-inch stems.....	1.00
Short.....	\$6.00 to \$8.00 per 100.... .75

Richmond.....	} Extra select.....	Per 100
Killarney.....		\$10.00
White Killarney.....		8.00
My Maryland.....		Medium.....
Sunburst.....		\$5.00 to 6.00
Ophelia.....	} Short.....	4.00
Milady.....		
Brilliant.....		

MRS. CHAS. RUSSELL—

	Per doz.
Specials.....	\$2.50
Select.....	\$1.50 to 2.00
Short.....	.75 to 1.00

	Per 100
ROSES, our selection.....	\$ 3.00
Carnations.....	3.00
Chrysanthemums.....per doz., \$2.00 to \$3.00	
Pompons.....per bunch, .35 to .50	
Sweet Peas.....	.75 to 1.50
Harrisii.....	12.50 to 15.00
Valley.....	6.00
Adiantum.....	1.00
Asparagus.....per bunch, .50 to .75	
Ferns.....per 1,000.....	2.50
Galax, bronze and green, per 1,000, \$1.25	
Boxwood..25c per bunch; \$7.50 per case	

2,000,000 Feet of Modern Glass

Z E C H & **M A N N**

Chicago Headquarters RUSSELL OPHELIA KILLARNEY

Positively the largest and finest supply obtainable in the Chicago market. Also large quantity of fine Ward, Sunburst, Richmond, Milady, and White Killarney roses.

CARNATIONS

Large quantity of fine stock in all the best new and standard varieties.

ALSO FINE SUPPLY OF VALLEY, SWEET PEAS,
PAPER WHITE NARCISSUS, LILIES, GREENS.



Remember when ordering that our line is so complete that it includes every item offered in the Great Chicago Market.

30 E. Randolph St., Chicago

L. D. Phones
Central 3283
Automatic 3284, 42-965

Mangel, the Palmer House Florist, has sent his pet ducks, which he has featured in his Monroe street window displays, back to his farm until after the holidays. He is making a grand showing of stock for Thanksgiving, including some of the finest bronze chrysanthemums ever seen on display in a local retail store.

A. L. Vaughan & Co. are having their share of the Thanksgiving business and have a large and splendid assortment of stock for their customers to

HEAVY
SHIPMENTS.

DOUBLE VIOLETS

WRITE FOR
PRICES.

M. C. GUNTERBERG, 158 N. Wabash Ave., CHICAGO, ILL

select from. A fancy grade of orchids and American Beauty roses and a choice supply of smilax are included in the heavy daily receipts.

Peter Reinberg is having a good call for Sunburst and Killarney roses,

which are being cut in quantity, but clean up completely every day. Felix Reichling says that Friday, November 24, was one of the best shipping days experienced at this establishment for some time.

BIG CROP OF ROSES

BEAUTIES, CARNATIONS, 'MUMS, POMPONS

Very highest quality obtainable in the Chicago market, and plenty for everyone at the prices quoted below. Send us a trial order today and you will never regret it. **Seeing is believing.**

Current Price List--

Subject to Change
Without Notice.

BEAUTIES	Per doz.
Extra select	\$5.00
36-inch stem	4.00
30-inch stem	3.50
24-inch stem	2.50
20-inch stem	2.00
15-inch stem	1.50

ROSES	Per 100
Killarney.....	\$8.00
White Killarney....	6.00
Sunburst.....	6.00
Richmond.....	4.00
Killarney Brilliant..	3.00
Ophelia.....	

ROSES	Per 100
OUR SELECTION	\$4.00
Elgar	2.00
Baby Doll	2.00

CARNATIONS	Per 100
Select	\$3.00
Fancy	2.00
Medium	1.50

CHRYSANTHEMUMS	Per 100
(All Colors)	
Fancy	\$2.50
Good	per doz., \$1.50 to 2.00
Small	per 100, 8.00 to 10.00
POMPONS	per bunch, 35c to 50c

MISCELLANEOUS	Per 100
Valley	\$ 6.00
Lilies	\$12.50 to 15.00
Adiantum	1.00
Ferns	per 1000, \$2.00 to 2.50
Galax, bronze and green....	per 1000, 1.25
Smilax	per doz., 2.00
Asparagus Sprengeri.....	per bunch, 50c
Asparagus Plumosus.....	per bunch, 50c
All Other Green Goods at Market Prices.	

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

M. C. Gunterberg received a postal card handsomely decorated with violets this week from Vincent Van Keuren and wife, of Elyria, O., who were formerly in the violet growing business at Rhinebeck, N. Y., and consigned their output to her. They are now engaged in the retail grocery business in that city. Miss Gunterberg in speaking of market conditions says that she does not remember when violets sold at such high prices at wholesale the week before Thanksgiving as they did this year.

The A. L. Randall Co. is having a special sale on glassware this week and is disposing of a large number of its electric store fountains, which are selling like hot cakes and are seen featured in many of the leading retail establishments. W. W. Randall, who started out on a business trip through Wisconsin last week, was suddenly taken sick at Manitowoc and forced to return home. He is feeling much better at this writing and will soon be ready to start out again.

Chas. Erne, of Erne & Klingel, received word from Terre Haute, Ind., November 25, that a gas stove exploded in the home of his brother-in-law, Jake Russell, of that city, and that Mrs. Russell and her two children were severely burned. A later dispatch contained the sad news that the youngest child, a one-year-old boy, had died from his injuries and that fears were entertained for Mrs. Russell's recovery. The oldest child, a three-year-old girl, will likely recover.

The firm of Percy Jones, Inc., has been located in its present quarters since it started in business and has the reputation of occupying one location longer than any other wholesale florist in the city. This firm is now using the space that was at one time formerly occupied by 17 wholesale florists and

Roses---Carnations---Chrysanthemums

Everything else in seasonable Cut Flowers and Greens.

Supplies For Fall Decorations

Natural Prepared Oak Sprays--Colored Ruscus
Magnolia Leaves--Baskets--Ribbons--Chiffons.

Write for our weekly wholesale cut flower price list.

O. A. & L. A. Tonner

30 E. Randolph Street,

Phone,
Central 6284.

CHICAGO, ILL.

Mention the American Florist when writing.

the rapid increase of its business is due to the able management of H. Van Gelder, president of the company.

Poehlmann Bros. Co. is cutting a fine supply of American Beauty and Mrs. Chas. Russell roses of splendid quality, for which the demand is very heavy. Tim Waters of the supply department, reports the arrival of a car of Italian grasses for the holidays. The demand for baskets at this establishment is keeping the force busy getting out late orders for the Thanksgiving trade.

Guy M. Reyburn has returned from a business trip to New York and other eastern cities, where he completed arrangements for the new wholesale firm of Guy M. Reyburn & Co., with headquarters at 160 North Wabash avenue.

Allie Zech says that Zech & Mann's sales so far during November are away head of the same month's entire

sales last year, and that the Thanksgiving business this year will also run considerably ahead of 1915.

Michael Henry Moore, 522 Grand avenue, Milwaukee, Wis., was in the city buying stock for Thanksgiving this week. He had a 40-inch advertisement in the Milwaukee Sentinel, Friday, November 28.

Carl Weiner, of the Chicago Printed String Co., manufacturer of advertising string, reports business as rushing, with new inquirers from the trade every day, at 305 South LaSalle street.

Demosthenes Papatony, 228 West Madison street, is up and about again, after being on the sick list for several weeks.

The E. C. Amling Co. is busy getting things in shape at its new quarters, which it expects to occupy about January 1, 1917.



Know From Experience
That It Pays To Place
Their Orders With Us.

Beauties-Orchids-Roses-Carnations-Valley-Lilies-Etc.

CURRENT PRICE LIST—In Effect December 1.

AMERICAN BEAUTY	Per doz.
Extra long stems	\$5.00
Stems 30 to 36 inches.....	4.00
Stems 24 inches	3.00
Stems 18 inches	2.00
Stems 12 inches	1.50
Short Stems	100, \$6.00 to \$8.00

MRS. CHAS. RUSSELL	Per 100
Special	\$20.00 to \$25.00
Select	12.00 to 15.00
Medium	8.00 to 10.00
Short	5.00 to 6.00

ROSES	
Richmond, special	10.00 to 12.00
“ select	6.00 to 8.00
“ short	3.00 to 4.00
Milady, special	10.00 to 12.00
“ select	6.00 to 8.00
“ short	3.00 to 4.00
Killarney Brilliant, special...	10.00 to 12.00
“ select	6.00 to 8.00
“ short	3.00 to 4.00
Hoosier Beauty, extra special.	15.00
“ special	10.00 to 12.00
“ select	6.00 to 8.00
“ short	3.00 to 4.00

ROSES—Continued.	Per 100
Ophelia, special.....	\$10.00
“ select	6.00 to 8.00
“ short	3.00
White Killarney, special....	8.00 to 10.00
“ select	4.00 to 6.00
“ short	3.00
Killarney, special	8.00 to 10.00
“ select	4.00 to 6.00
“ short	3.00
Mrs. Ward, special.....	8.00
“ select	4.00 to 6.00
“ short	3.00
Sunburst, special	8.00 to 10.00
“ select	4.00 to 6.00
“ short	3.00
Cecile Brunner	2.00 to 3.00
ROSES, OUR SELECTION.....	4.00
Extra special roses billed	accordingly.

CARNATIONS	
Good Common	\$ 2.00
Large and fancy	3.00
CHRYSANTHEMUMS	Per doz.
Small	\$ 1.00 to \$ 1.50
Medium	2.00 to 2.50
Fancy	3.00 to 4.00
Pompons.....per bunch, 25c	to 50c

MISCELLANEOUS	Per 100
Violets	\$ 0.75 to \$ 1.00
Valley	6.00
Easter Lilies	12.50 to 15.00
Stevia	1.50 to 2.00
Strawflowers .....	.25 to .35
Calendulas	2.00 to 4.00
Paper Whites	3.00
Daisies	1.50 to 2.00

ORCHIDS	Per doz.
Cattleyas	\$7.50 to \$9.00
Vandas, fine large sprays, 25c	per flower.
Dendrobiums, Cypripediums and	Oncidiums at Market Prices.

GREENS	
Asp. plumosus, per string...	\$0.50
Asp. plumosus sprays, bunch, \$0.35	to .50
Sprengerl .....	.35 to .50
Adiantum	per 100 1.00
Smilax, choice.....per doz.	1.50 to 2.00
Fancy ferns	per 1,000 2.00 to 2.50
Galax leaves	per 1,000 1.25
Wild Smilax	per case 5.00
Boxwood	
“ per lb., 25c; 50 lb. case..	7.50
Red Winter Berries.....	
....\$2.00 to \$3.00 per case	

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave, Chicago

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue

L. D. Phone Randolph 631

CHICAGO

Seventy-five Expert Growers of Cut Flowers and Greens Producing
Everything Sold in the Chicago Wholesale Market Consign Their Stock
Here Which Enables Us to Fill all Orders in Full at all Times.

ORDER HERE—YOU CAN'T DO BETTER ELSEWHERE.

Wietor Bros. are supplying their trade with a splendid grade of chrysanthemums and pompons for Thanksgiving and are having a brisk demand for same. Some fine American Beauty roses are included in the shipments and this also holds good for Ophelia, which are just coming in crop. N. J. Wietor is well pleased with the Thanksgiving business so far, which is opening with a rush and promises to be a record breaker.

PREPARED CYCAS LEAVES

BEST QUALITY.

PERFECT COLOR.

VERY PLIABLE.

100 Assorted Sizes up to 36 inches long, \$4.80.

GET OUR LATEST LIST OF OTHER SUPPLIES.

GEO. H. ANGERMUELLER

Wholesale Florist

1324 PINE STREET

ST. LOUIS, MO.

Mention the American Florist when writing.



A. T. PYFER & CO.

30 E. Randolph Street,

Wholesale Florists

Long Distance Telephone
Central 3373

CHICAGO, ILL.

Bassett & Washburn are so busy with their Thanksgiving business that the office force was called upon to help out during the rush and even Mrs. Washburn was on the job early and late for several days the opening of the week. Everything points to a grand cleanup in all lines at this writing at this establishment.

At J. A. Budlong's store the out-of-town demand for stock for Thanksgiving is exceedingly brisk and Manager Schupp and his assistants are finding that their increased store space is none too large during a heavy rush. Budlong's have without question one of the finest locations in the city.

The Chicago Flower Growers' Association is doing a fine Thanksgiving business, which started with a rush and will end in a grand cleanup if the present demand continues. Manager Klingsporn and his assistants are working like beavers to get out all the orders on time.

A. T. Pyfer & Co. are having a heavy out-of-town call for stock for Thanksgiving and the local demand also promises to be good. Carnations and roses are in good supply here but a cleanup is expected before the week is over.

Frank Washburn and Ed. Washburn, of A. Washburn & Sons, Bloomington, were in the city on business this week connected with the new range of Moninger houses that they will erect next season.

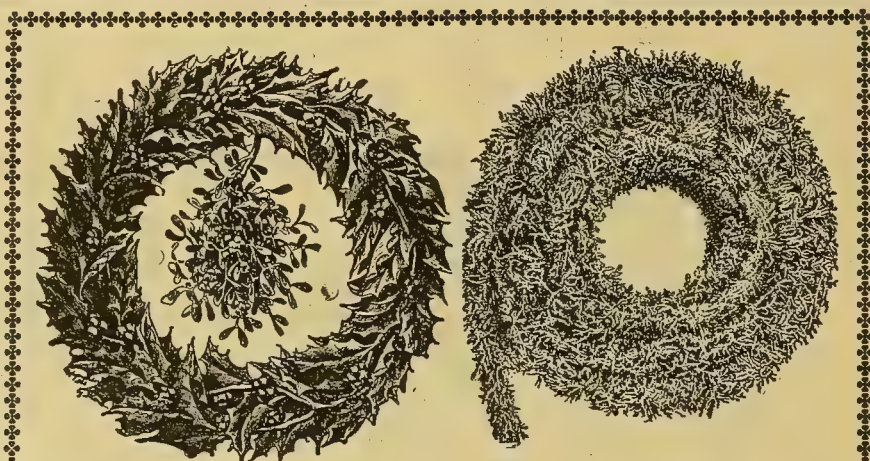
The Southern California Flower Market, of Los Angeles, Calif., has opened a wholesale store in room 406 at 30 East-Randolph street. S. Kitasawa is in charge and is assisted by Louis Anrola.

Schiller, the Florist, has started an advertising campaign in the elevated cars, which is attracting much attention. George Wienhoeber and John Muir are using the surface cars regularly.

The John Kruchten Co. reports business as good for Thanksgiving and had several calls from out-of-town wholesale florists for stock this week.

Visitors: L. P. Harley, Hartford, Mich.; Robert Karlstrom, representing A. N. Pierson, Inc., Cromwell, Conn.; Frank Gorly, St. Louis, Mo.; A. Peterson, Decatur.

SAN FRANCISCO, CALIF.—Pedrine & Filpelli have opened a store at 453 Bush street and will specialize in greens.



VAUGHAN'S XXX HOLLY

Bouquet Green, Boxwood, Laurel, Mistletoe, Magnolia Leaves, Japanese Roping, Cycas Leaves, Winter Berries, Immortelles, Ruscus and Evergreen Wreathing.

CHICAGO Vaughan's Seed Store, NEW YORK

Mention the American Florist when writing.

Washington, D. C.

NO OVERSUPPLY AND PRICES STIFFEN.

The volume of business has not increased, but as the supply of stock in nearly all lines is not any too plentiful, prices have made an advance. Chrysanthemums are bringing better figures and carnations are now moving at from \$2 to \$3.50 per 100, while violets are in good demand with supply below requirements. Lily of the valley is scarce and the quality is not up to standard.

NOTES.

Plans are being discussed for a treat to visitors to this city during inaugural week in the form of an amaryllis show. A similar exhibition was held four years ago in the government

greenhouse at which there were about 600 amaryllis bulbs in bloom.

The chrysanthemum show of the Gude Bros. Co. attracted nearly as many visitors as the chrysanthemum exhibition recently held by the government. The store was artistically arranged with oak foliage and southern smilax.

Geo. Lavalley is contemplating the erection of two more houses each 25x150 feet to be ready in the spring. His Spencer sweet peas and calendulas are the finest that are brought to this market.

The local trade are patiently waiting to see whether there is to be an inaugural ball in 1917, an event that will benefit the florists of this city to the extent of thousands of dollars.

G. C. D.

PLENTY OF 'Mums-Pompons

OF ALL COLORS

HEAVY SUPPLY


— of all the leading varieties of —

Roses and Carnations

together with all the **Novelty Roses**, besides a daily supply of **Valley, Lilies, Violets, Sweet Peas, Snapdragons, Paper Whites** and other seasonable stock as well as **Greens** of all kinds.

Why Not Use The Best For Your Trade?

We never failed to take care of our customers during the extreme scarcity existing last spring. This year finds us situated better than ever to supply you, as we are receiving the output of several large new growers in this vicinity, together with the usual supply from our large range.

 Remember we grow the bulk of stock that is placed in shipping orders, thereby assuring you of getting **Absolutely Fresh Stock** bound to reach you in good condition and in a measure **Saving You the Commission Man's Profit**. In addition we make no charge for Boxes or Packing which, likewise, is a saving to you. Therefore you can increase your profits and business by sending your orders to us.

**Quality
Speaks
Louder
Than
Prices.**

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

**ROSES, VALLEY
and CARNATIONS
A Specialty.....**

**WHOLESALE
Grower of**

GUT FLOWERS

**Prices
As
Low
As
Others.**

 **SHIPPING ORDERS GIVEN CAREFUL ATTENTION.**

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Tacoma, Wash.

TRADE INDICATIONS BEST IN YEARS.

Business as a whole in the florist line has shown much improvement in this vicinity and indications point to one of the best seasons in years. A noticeable feature is the increase in the number of cash sales. Shipping business shows an increase and a call for the better grades of stock and payments are generally prompt. Stock in all seasonable varieties and of fine quality is being received. Chrysanthemums and carnations in the standard varieties are in good supply, but no novelties are to be seen here. The public appears to be satisfied with the old standbys, but this is not true of roses—the rose shows have educated the flower buyers to be on the lookout for something new. Rather early frosts cut down much of the outdoor stocks of many kinds and prices advanced accordingly for greenhouse va-

rieties. Disproving the old idea that roses could not be grown under glass in this section, some very fine Ophelia, Chatenay and Sunburst are seen. Sales of small pot plants have been numerous with prices showing a slight increase. No first-class pot chrysanthemums are to be seen however.

NOTES.

Since returning from Kennewick, S. L. Harper had the end of his thumb severely crushed and for a month has had a serious time with blood poisoning. He says the thumb feels as if it was a foot long and it is always sure to be on the job any time there is a chance for it to "get a good bump."

The Northwestern Floral Co. reports improved business. Their carried over benched carnations were a great success—plenty of fine flowers early.

C. H. Lundgren, who leased the Harper establishment on Pacific ave-

nue which the latter traded some time ago, has given up his lease. Some dissatisfaction.

The Hayden-Watson Co. reports a good increase in business both in local and shipping orders. Cash sales are better than they have been in two years.

The California Florists have better smiles these days than have been noticeable for some time. Improved business.

John Hamilton has opened his store on Eleventh street for the season. He reports business better than last year.

No building is being done here this season. S. L. H.

BALTIMORE, Md.—Following the reorganization of the Baltimore Wholesale Florists' & Supply Co., the following officers were elected: G. A. Lotze, president; E. F. Schwartz, treasurer; Benjamin Stoll, secretary.



Order Your Supply Now!

Make Your Selection of These Six Special Offers and Let Us Have Your Orders as Early as Possible.—Do it today if Convenient.

Plant Baskets.

No. 1—\$18.00.

12 Plant Baskets for plants ranging in size from 5 to 10-inch pots.

No. 2—\$12.00.

12 Plant Baskets for plants ranging in size from 5 to 10-inch pots.

No. 3—\$8.00.

12 Plant Baskets for plants ranging in size from 5 to 10-inch pots.

Cut Flower Baskets.

No. 1—\$7.50.

25 Baskets for short-stemmed cut flowers.

No. 2—\$15.00.

25 Baskets for medium-stemmed cut flowers.

No. 3—\$19.00.

25 Baskets for long-stemmed cut flowers.

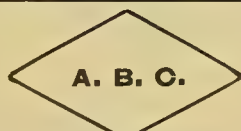
Willow and Reed used exclusively in our Baskets. Prices include liners.

WRITE FOR OUR NEW CATALOGUE.

RAEDLEIN BASKET COMPANY

713 Milwaukee Ave..

CHICAGO



"WATCH US GROW."

C O R S A G E

RIBBONS, PINS, SHIELDS, TIES and NOVELTY EFFECTS

AMERICAN BULB CO., IMPORTERS OF FLORISTS' NECESSITIES
172 N. WABASH AVENUE, CHICAGO, ILL.

Indianapolis, Ind.

TRADE CONDITIONS SHOW IMPROVEMENT.

Retail business was normal the first part of the week, but very active the latter part, Saturday being a banner day. Surplus stock has gradually decreased until it looks as if the supply for Thanksgiving would be rather limited. Roses in all varieties are of good quality and demand, bringing from \$3 to \$10 per 100. Sweet peas are becoming more popular and plentiful, and range from \$1 to \$1.50 per 100. Chrysanthemums are still the leaders with carnations, violets, lily of the valley and lilies gaining better foothold.

NOTES.

There will be a meeting of the local convention committees of the American Carnation Society at the Claypool hotel, Wednesday, December 6, at 8 p. m.

Another attractive seedling chrysanthemum has been put on the market by Ernest Rieman. It is a very attractive pink single.

Edwin M. Morner, of Shelbyville, had as his guests several Indianapolis florists at his opening, November 21.

The W. C. T. U. convention improved counter trade, especially in the corsage bouquet line.

Otto A. Beyers, of South Bend, Ind., has been attending the Odd Fellows' convention here.

The December meeting of the state florists' association has been postponed.

The local store of the E. G. Hill Co. recently purchased a new delivery car. The Tomlinson Hall flower market enjoyed good business all week.

Bert Stanley has just returned from a hunting trip.

California Violets

Giant and Princess

ENOMOTO & CO.

35 St. Anne St.,

SAN FRANCISCO, CALIF.

Mention the American Florist when writing.

Swamp Holly Wreaths

Be prepared this year with the quality that your trade will appreciate.

Case of 16 dozen. \$1.10 per dozen.

Berried Holly, \$3.50 per case.

Terms, cash. F. O. B. Georgetown.

WARREN H. FOOKS, Georgetown, Del.

Homer L. Wiegand is building a new residence.

Temperley's have a fine line of pot plants.

M. E. T.

ST. PAUL, MINN.—The local florists' club at a meeting November 14 elected the following officers: W. A. Keeling, president; C. Bussjaeger, vice-president; Chas. Fuhlbruegge, secretary; N. C. Hansen, treasurer. Executive committee: W. E. Tricker, F. Topel and F. Rogers.

Xmas Greens

ORDER NOW.

Choice Case Holly, Holly Wreaths and Laurel Roping. Can furnish any amount. Write your requirements.

H. E. CONWELL, Milton, Delaware

New Crop Smilax

Smilax.....at \$2.50 per case
Green Sheet Moss..... 1.75 per bag
Perpetuated Moss..... 3.50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens

EVERGREEN,

ALABAMA

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

The Largest, Best Equipped,
Most Centrally Located

WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO

174-6 N. Wabash Ave., CHICAGO
L. D. Phones
CENTRAL 1977 and 1978.

Mention the American Florist when writing.

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

Established 1883 Incorporated 1892

KENNIGOTT BROS. COMPANY

Wholesale Commission Florists

163-5 No. WABASH AVE., CHICAGO
Telephone Central 466

New Crop Smilax

Smilax..... at \$2.50 per case
Green Sheet Moss... 1.75 per bag
Perpetuated Moss... 3.50 per bag

Edward A. Beaven, EVERGREEN,
ALA.

Wholesale Flower Markets

Chicago.		CURRENT PRICE LIST.		Per doz.
Roses, Beauty, specials	.....	\$ 5 00@	\$ 7 50	
" " 36-in.	.....		4 00	
" " 30-in.	.....	3 00@	3 50	
" " 24-in.	.....	2 00@	2 50	
" " 18-in.	.....	1 00@	1 50	
" " short.	.....	\$ 4 00@	\$ 6 00	
Per 100				
" Mrs. Chas. Russell	.....	\$ 5 00@	\$ 35 00	
" Hoosier Beauty	.....	4 00@	15 00	
" Killarney Brilliant	.....	3 00@	12 00	
" Killarney	.....	3 00@	10 00	
" White Killarney	.....	3 00@	10 00	
" Richmond	.....	3 00@	10 00	
" Prince de Bulgarie	.....	3 00@	10 00	
" Rhea Reid	.....	3 00@	12 00	
" My Maryland	.....	3 00@	10 00	
" Mrs. Geo. Sawyer	.....	3 00@	10 00	
" Milady	.....	3 00@	12 00	
" Sunburst	.....	3 00@	10 00	
" Mrs. Aaron Ward	.....	3 00@	10 00	
" Hadley	.....	3 00@	12 00	
" Ophelia	.....	3 00@	12 00	
" Double White Killarney	.....	3 00@	10 00	
" Mrs. Moorfield Storey	.....	3 00@	10 00	
" Champ Weiland	.....	3 00@	10 00	
" Stanley	.....	3 00@	10 00	
" Tipperary	.....	3 00@	10 00	
" Francis Scott Key	.....	3 00@	12 00	
" Bayard Thayer	.....	3 00@	12 00	
" Cecile Brunner	.....	2 00@	3 00	
" George Elgar	.....	2 00@	3 00	
" Baby Doll	.....	2 00@	3 00	
" Fireflame	.....		4 00	
" Our selection	.....		4 00	
Carnations	.....	2 00@	4 00	
Cattleyas...per doz.	7 50@	9 00		
Vandas.....	25c	per bloom.		
Gardenias.....	\$ 4 00	per doz.		
Sweet Peas	.....	75@	1 50	
Daisies.....	1 00@	2 00		
Calendulas.....	2 00@	4 00		
Snappdragons. 50@	\$1 00	per doz.		
Chrysanthemums.....	per doz.	1 50@	4 00	
Pompons....per bunch.	25@	50		
Violets.....per 100.	1 00@	1 50		
Lilium Harrisii.....	12 50@	15 00		
Valley.....	5 00@	6 00		
Adiantum Croweanum.....	1 00@	1 50		
Stevia.....per 100	1 50@	2 00		
Paper Whites...per 100	3 00			
Strawflower.per bunch	25@	35		
Ferns.....per 1000.	2 00@	2 50		
Galax.....	1 00@	1 25		
Leucothoe.....	75@	1 00		
Mexican Ivy.....per 1000.	5 00@	6 00		
Plumous Strings...each.	60@	75		
Smilax.....per doz.	2 00@	2 50		
Sprengel, Plumous Sprays.....	3 00@	4 00		
Boxwood. 25clb., per case.	7 50			
Wild Smilax.....per case.	\$ 6 00			
Winterberries, per case.	2 00@	3 00		

LEAMINGTON, ONT.—Miss Gladys Beech, who started in the florist business here three years ago, now has a busy up-to-date establishment. Funeral designs and decorations are her specialties.

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

Mention the American Florist when writing.

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

Mention the American Florist when writing.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

Mention the American Florist when writing.

HOERBER BROS.

Wholesale Growers of Cut Flowers

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave.,

Mention the American Florist when writing.



Mention the American Florist when writing.

Boxwood Sprays

50-lb. case - \$ 7.50
100-lb. case - 14.00

New Bronze Galax, per case, \$7.50. Lycopodium (Princess Pine), 100 lbs., \$10.00.

If you buy your Greens from us, you always get the full extent of your money's worth.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

WHOLESALE MARKET MUCH IMPROVED.

The condition of the wholesale cut flower market is very much improved, the supply and demand being more balanced. Chrysanthemums are in demand, a good supply of the later varieties coming in and bringing fair prices. Pompons are plentiful, the better sorts selling well. Carnations are popular. Lily of the valley is scarce and there being a good demand, the price is high. Lilies are still in excess of requirements. Orchids, hybrids, Trianae and labiata are scarce and the tendency of the prices is upwards. Roses are in good demand, shipments being lighter with prices advancing. The supply of American Beauties is equal to the demand. Violets have strengthened in value and improved in quality. Paper Whites are increasing. Bouvardias, pansies and stevias are coming in, while the call for autumn foliage and wild smilax is very good. Altogether conditions warrant a prosperous Thanksgiving.

NOTES.

A meeting of the American Rose Society was held in the club room of the Pennsylvania Horticultural Society, November 22, and there was a good attendance. President S. S. Pennock called the meeting to order and after some discussion, it was decided to hold the show on the dates of March 20-23, in the First Regiment armory. Everybody present was very enthusiastic, and conditions point to a very successful show. There was also present: John Welsh Young, Henry F. Michell, Charles Meehan, W. K. Harris, J. F. Zieger, Benjamin Hammond, secretary; Harry O. May, treasurer, and Robert Pyle.

Among the visitors this week were: Mr. Deal, of the W. W. Johnson Co., England; H. A. Bunyard and Mr. Malandre, of New York; Max Gordon and Edward Dupuy, of Whitestone, N. Y.; Julius Roehrs, of Rutherford, New Jersey.

Franklin Ely, of the flower seed department of the H. F. Michell Co., reports a good demand for flower seeds for early sowing, as well as winter flowering varieties of sweet peas.

Henry A. Dreer, Inc., have a very attractive window display of bird houses, one of the specialties of this house.

At the Leo Niessen Co. everyone is on the move and the indications point to a very busy Thanksgiving.

The J. W. Colflesh Co. reports a good demand for English ivy, of which this firm makes a specialty.

Robert Craig reports an unusual demand for pot plants of every variety.

Berger Brothers are featuring some splendid chrysanthemums.

F. C. .

TORONTO, ONT.—The Majestic Flower Show has opened at 103 Yonge street and the Arcade Florist has opened a branch at 131 Yonge street.

SECAUCUS, N. J.—John DeBuck, the well known orchid collector, has returned from Colombia after a trip of 11 months' duration. Mr. DeBuck says there is no horticulture in that region.

CHRYSANTHEMUMS

LARGE FLOWERED AND POMPONS

IN CHOICEST VARIETY

Roses, Carnations, Orchids, Violets, and all other flowers in season.

Ferns, Galax, Magnolia Leaves, Asparagus, Adiantum, Etc.

H. G. BERNING,

WHOLESALE FLORIST

1402 PINE STREET,

ST. LOUIS, MO.

EDWARD REID

CHRYSANTHEMUMS OF QUALITY

ORCHIDS, VALLEY, HIGH GRADE ROSES

This is the exclusive shop, only one block from Express Depots.

1619-1621 Ranstead Street,

PHILADELPHIA, PA.

Wholesale Flower Markets

BUFFALO, Nov. 29.		Per 100
Beauty Special.....	20 00@25 00	
Fancy.....	15 00@20 00	
Roses, Killarney.....	3 00@ 8 00	
My Maryland.....	3 00@ 7 00	
Sunburst.....	3 00@ 6 00	
Ward.....	2 00@ 5 00	
Ophelia.....	3 00@10 00	
Russell.....	4 00@11 00	
Stanley.....	4 00@ 8 00	
Mock.....	3 00@ 7 00	
Shawyer.....	3 00@ 8 00	
Lily of the Valley.....	6 00	
Lilies.....	12 00@15 00	
Cattleyas.....	40 00@50 00	
Carnations.....	2 00@ 3 00	
Pompons.....	25 00 5	
Chrysanthemums.....	5 00@20 00	
Violets.....	50@ 60	
Asparagus Sprengeri.....	35@ 50	
Ferns.....	per 1000, 2 00	
Smilax.....	20 00	

CINCINNATI, Nov. 29.		Per 100
American Beauty, per doz.....	75@ 4 00	
Roses, Killarney.....	3 00@ 8 00	
Mrs. Chas. Russell.....	6 00@10 00	
Ophelia.....	4 00@10 00	
Richmond.....	3 00@ 8 00	
Sunburst.....	3 00@ 8 00	
Taft.....	3 00@ 8 00	
Carnations.....	2 00@ 4 00	
Lilium Giganteum.....	10 00@12 50	
Lily of the Valley.....	6 00	
Orchids.....	7 50@ 9 00	
Chrysanthemum, doz.....	75@3 00	
Asparagus Plumosus, per bch., 25c		

BOSTON, Nov. 29.		Per 100
Roses Beauty.....	20 00@60 00	
Killarney Queen.....	4 00@12 00	
White and Pink Killarney.....	4 00@12 00	
Double White Killarney.....	4 00@12 00	
Killarney Brilliant.....	6 00@16 00	
Hadley.....	6 00@16 00	
Cardinal.....	4 00@ 8 00	
Mock.....	8 00@16 00	
Mrs. Chas. Russell.....	8 00@16 00	
Sunburst.....	8 00@16 00	
Taft.....	4 00@ 6 00	
Milady.....	4 00@ 8 00	
Ward and Hillingdon.....	4 00@ 8 00	
My Maryland.....	50@ 5 00	
Cattleyas.....	60 00@75 00	
Lily of the Valley.....	5 00@ 8 00	
Sweet Peas.....	50@ 1 00	
Carnations.....	1 50@ 2 00	
Chrysanthemums.....	3 00@ 5 00	

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Cut Flower Market

262B DEVONSHIRE STREET,
BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 a. m.

Mention the American Florist when writing.

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ROSES, ORCHIDS, VALLEY

Choice Early Chrysanthemums
Always high grade Easter Lilies

1225 Race St., Philadelphia, Pa.

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CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., Milwaukee, Wis.

Wholesalers and Growers of
**Choice Cut Flowers
and Greens**

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

Mention the American Florist when writing.

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers in Kansas City. If on the market, we have it. Get our prices and we will fill your orders. Satisfaction guaranteed.

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Kansas City, Mo.

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Always Seasonable Flowers
Orchids, Valley, Roses, Easter Lilies,
Best Early Chrysanthemums.

Unexcelled Opening for Carnation Consignors for the Coming Season.

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GUST. RUSCH & CO.

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Special Picked. Leave Your
Regular Orders with Us.

Lily of the Valley and Orchids, Chrysanthemums, Lilies,
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C. A. KUEHN, Wholesale Florist.
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Nov. 29.		
		Per 100
Roses, Beauty, special	25	00@30 00
" " fancy	16	00@20 00
" " extra	12	00@15 00
" " shorter grades	6	00@10 00
" Mrs. Chas. Russell	3	30@15 00
" Prima Donna	3	00@15 00
" Killarney	2	00@6 00
" White Killarney	2	00@6 00
" Liberty	2	00@6 00
" Hadley	4	00@12 00
" Sunburst	3	00@6 00
" Ophelia	3	00@8 00
" Hoosier Beauty	4	00@6 00
Carnations	1	00@2 00
Cattleyas.....each \$0 40@	50	
Lilium Longiflorum	8	00@10 00
Valley	4	00@6 00
Chrysanthemums	6	00@20 00
Calendulas	2	00@4 00
Daisies, yellow	1	00@3 00
" white	1	00@3 00
Violets, single	50	@ 75
" double	50	@ 75

PITTSBURGH, Nov. 29.		
		Per 100
Roses, Beauty, special	25	00
" " fancy	20	00
" " extra	15	00
" " No. 1	8	00
" Killarney	2	00@8 00
" My Maryland	2	00@8 00
" Sunburst	2	00@6 00
" Mrs. Aaron Ward	2	00@5 00
Cattleyas	40	00
Lilium Giganteum	8	00
Carnations	3	00
Lily of the Valley	6	00
Chrysanthemums, doz., 1 00@	3 00	
Snappdragons	4	00
Adiantum	1	25
Asparagus Sprengeri, per bunch	35@	40 50
Violets	50	

MILWAUKEE, Nov. 29.		
		Per 100
Roses, Killarney and W. Killarney	3	00@8 00
" Ward	3	00@8 00
" Mrs. Chas. Russell	5	00@20 00
" Ophelia	4	00@10 00
" Hoosier Beauty	3	00@10 00
Lilies	12	50@15 00
Cattleyas.....per doz., 6 00@	9 00	
Carnations	2	00@4 00
Rubrams	4	00
Valley	6	00
Chrysanthemums	1	00@3 00
Pomponsper bunch, 35@	50	
Violets	1	50@2 00

DAVID WELCH

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WELCH'S

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COMMISSION FLORISTS

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280 and 282 Devonshire St.,

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Consignments of Beauties, Lilies of the Valley,
Orchids and all other flowers received daily.

Telephone—Court Hill 2964, 2965.

Philadelphia Wholesale Florists' Exchange

High Grade Roses, Gladioli, Asters, Easter Lilies
and other Seasonable Flowers.

Up-to-the-Minute Service. Satisfaction Guaranteed.

WANTED—A consignor with 25 bunches Asparagus a day.

1615 Ranstead St., Philadelphia, Pa.

ST. LOUIS, Nov. 29.		
		Per 100
Beauty, Special	5	00 per doz.
" Fancy	4	00
" Extra	3	00
" No 1	2	00
" No 2	1	50
Short		

Hadley	4	00@8 00
Killarney	3	00@6 00
Hoosier Beauty	4	00@8 00
Richmond	4	00@8 00
Sunburst	3	00@8 00
Ward	2	00@5 00
Mrs. Shawyer	6	00@15 00
Mrs. Russell	6	00@15 00
Ophelia	3	00@8 00
Carnations	1	50@2 00
Valley	4	00@6 00
Lillies		10 00
Orchids	50	00@60 00
Ferns	per 1000	2 00

Bulbs--Boxwood--Nursery Stock

Sales at Auction Every Monday and Thursday at 10 a. m.

Note Sales Days—MONDAY and THURSDAY.

JOHNSON & MILLANG, Inc.

Coogan Bldg., 55-57 W. 26th St., NEW YORK

Consignments Solicited.

10,000 Square Feet Devoted to Our Auction Business.

Under Cut Flower Exchange.

Branch Store, 165 W. 34th St.

Write for Catalogue. Ask for Prices.

New York.

PRICES SHOW UPWARD TENDENCY.

Business continues fair, but there is no boom. While the chrysanthemums have to some extent thinned out, there are yet plenty to supply all demands. Carnations are not in surplus and are wholesaling at \$3 and \$4 per 100. Such varieties as Cottage Maid bring \$5. On account of the football games, November 25, there was quite a flurry in violets. About 400,000 came in on November 24-25 and cleaned up at \$1 to \$1.50 per 100, according to quality. Special American Beauties run from 30 to 40 cents. There is not much change in tea roses, but the tendency is upward. A cold wave, which always, to some extent, reduces the supply, has struck the city; this, with the approach of Thanksgiving, is likely to stiffen prices. Orchids, lilies and lily of the valley are firm.

November 27.—The market is fairly active and indications point to a good week's business. There will be plenty of chrysanthemums for Thanksgiving, but there is no probability of a surplus in any stock.

NOTES.

William H. Kuebler, the leading Brooklyn wholesaler, says that: "Prosperity has not struck us yet." Brooklyn is largely a residential section for people of moderate means, and he says that on account of the high cost of living the people have not the money to spend on flowers. This is a feature which others in the trade have been considering. Without the great middle class, the florists could not live and do business; at least, it would be a very small proportion of them that could. The outrageous prices that are being exacted for the necessities of life is making it prohibitive with many to indulge in luxuries.

Archibald C. Weeks, librarian of the Brooklyn Entomological Society, has written to the Sun denying that the English sparrow is a nuisance. He says that the sparrow is a most industrious destroyer of noxious insects and noxious weeds. He reiterates what others have stated, that the sparrow stays close to human habitation, leaving the fields and forests to the other birds. We have always thought that much of the prejudice, in this country, against the English sparrow, was on account of his Christian (or first) name and not his habits.

The pot situation seems to be growing worse. Not only have prices been raised, but even at that growers are complaining that they cannot get pots that they now greatly need. We learn that in this vicinity, during the past week, a number of men were laid off from greenhouses because no pots were available. If this keeps up for any length of time, it is safe to say that a number of growers will take up lines of growing in which fewer pots will be needed.

The news has been received that Henry Siebrecht, Jr., of this city and New Rochelle, has been married in Pasadena, Calif., to Mrs. Francescina Miner, also of this city. Henry Siebrecht, Jr., was at the Panama Pacific Exposition in charge of the horticultural features for New York, Bolivia and Italy. He was awarded a gold medal. It is stated that the newly married couple will live at Pasadena.

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York.

A very neat and well conducted retail store is located at 485 Eighth avenue, of which Alexander Scommadau and his sister, Matilda, are the proprietors. This business was established over 50 years ago by their father, the late Richard Scommadau, who died a few months ago, and though the location has been changed, there has never been a break in its continuance.

C. Spengler and wife, 342 Second avenue, are interesting people, having had a good retail store in that locality for 34 years. C. Spengler went to work for the old firm of Hanft Brothers, in 1873, going into business for himself in 1882. Mrs. Spengler is also a good florist, and both are well informed on the leading events of the business since they embarked in it.

Some of the finest American Beauties reaching this market are being received by Badgley & Bishop, Inc., 34 West 28th street, from Duke's Farm, Somerville, N. J. Superintendent Macdonald is an all around horticulturist, and in the past his exhibits have won valuable prizes at the shows held in this city.

H. L. Baylis, who represents Dailledouze Brothers and Edward Asmus in the New York Cut Flower Co., is handling fine roses and carnations from the former firm and fine roses and an exceptionally fine grade of lily of the valley from the latter.

One of the busy retail stores of the East Side is that of Theodore Karampas, the St. Mark's Florist, 131 First avenue. He not only keeps a good stock of cut flowers and plants, but also conducts a side line of jewelry and musical instruments.

John M. Hunter & Son, of Englewood, N. J., are shipping to Charles Millang exceptionally fine stock of the carnations, Champion, Enchantress Supreme, Ward and White Enchantress; also, Ophelia and other standard varieties of roses.

One of the popular and active retailers of the West Side is John J. Curley, 532 Eighth avenue. "Honest John," they call him. He is popular with the theatrical people, and they patronize him freely, both on occasions of joy and sorrow.

George Vock, salesman with the New York Cut Flower Co., for Frank Abrams and Julius Chevalley, of Blue Point, L. I., is handling good carnations of the varieties Christmas Pink, Enchantress, Ward, Beacon and White Wonder.

At Traendly & Schenck's, 436 Sixth avenue, in addition to a great stock of fine roses, we have recently noticed particularly fine chrysanthemums of the varieties Goldmine, Wm. Turner, Odessa and Wells' Late Pink.



Mention the American Florist when writing

—We are—

Wholesale Florists

Have twenty-two years' experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

GUTTMAN & RAYNOR,

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PHONE—FARRAGUT 8913

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64 West 26th St., NEW YORK

(Opposite Coogan Building)

20 years experience

Consignments Solicited and Prompt RETURNS GUARANTEED.

Nippon Garden, Inc.

Successors to Satow & Suzuki

259 Fifth Avenue, NEW YORK

Greenhouses: Woodside, L. I.

Telephone: Madison Square 8950.

We are headquarters for Japanese Miniature Gardens. Fern Dishes, Vases, Flower Pots, Jardinieres and Dwarf Plants. A great stock of Fern Monkeys and Fern Balls.

This state has many laws which affect the florists as well as other people, and some of these laws are unpopular, but there is one law that every body likes—you guessed it—her first name is Ruth.

J. J. Coan, Inc., 115 West 28th street, has been receiving exceptionally fine chrysanthemums of the varieties Brock, Chadwick and Yellow Eaton from Jacob Hauck, Bloomfield, N. J.

PAUL MECONI

WHOLESALE FLORIST

55-57 W. 26th Street

Telephone:
3864 Farragut.

NEW YORK CITY

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All the NEW ROSES, CARNATIONS and
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All the New and Standard Varieties of Roses,
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The Right People to Deal With.

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NEW YORK, Nov. 29. Per 100

Roses, Beauty, special.....	35 00@50 00
" " extra and fancy.....	25 00@30 00
" " No 1 and No 2.....	10 00@15 00
" Prima Donna.....	2 00@15 00
" Alice Stanley.....	2 00@ 8 00
" Francis Scott Key.....	4 00@25 00
" Mrs Geo. Shawyer.....	2 00@ 8 00
" Double White Killarney.....	2 00@ 8 00
" Killarney, Special.....	6 00@ 8 00
" " No 1 and No 2.....	2 00@ 4 00
" " Queen.....	2 00@ 8 00
" " Brilliant.....	2 00@ 8 00
" Aaron Ward.....	4 00@ 8 00
" Richmond.....	2 00@ 8 00
" Sunburst.....	2 00@ 8 00
" J L Mock.....	2 00@10 00
" Ophelia.....	2 00@ 6 00
" Mrs. Chas. Russell.....	2 00@15 00
" Cleveland.....	2 00@ 8 00
" Hadley.....	4 00@35 00
" Hoosier Beauty.....	2 00@15 00
Cattleya Orchids, special.....each	75@ 1 00
" " inferior grades.....	40@ 50
Bouvardia.....	2 00@ 4 00
Rubrams.....	4 00@ 6 00
Lilies, Longiflorum and Harrisii.....	5 00@ 6 00
Lily of the Valley.....	5 00@ 6 00
Carnations.....	2 50@ 5 00
Chrysanthemums.....per doz.	75@ 3 00
" Novelties, per doz.....	4 00
Gardenias.....per doz.	75@ 3 00
Sweet Peas.....	75@ 1 25
Snapdragons.....	8 00@10 00
Violets.....	1 00@ 1 25
Paper White Narcissus.....	2 00@ 3 00
Adiantum Croweanum and	
" Hybridum.....	75@ 1 00
Asparagus Plumosus.....doz. bchs.	2 50@ 3 00
Smilax.....doz. strings,	75@ 1 00

United Cut Flower Co., Inc.

WHOLESALE

111 West 28th St., New York

Telephones: Farragut { 4422
4423

Mention the American Florist when writing.

HOUSE OF FERNS

Phone, Madison Square 4051.

41 West 28th St., NEW YORK

Asparagus Plumosus Manus A Specialty.

RETTA E. RANKIN, Manager.

Mention the American Florist when writing.

Frank H. Traendly

Charles Schenck

Traendly & SchenckWholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY

Between 26th and 27th Sts.

Telephones: 798 and 799 Farragut.

Orchids, Roses, Carnations and all the other
best products of the leading growers.
Consignments solicited.**WM. KESSLER,**

Successor to Kessler Bros.

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WHOLESALE PLANTSMEN AND FLORISTS

Phone 2336 Farragut Shipments Everywhere
Prompt and satisfactory. Consignments solicited**N. Y. Cut Flower Exchange**Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales
at 6 o'clock every morning.

Desirable well space to rent for advertising.

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The Kervan Company
FRESH CUT EVERGREENSand Mosses. Decorating Material for
Florist Trade at Wholesale.Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK**George B. Hart**

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24-30 Stone St., Rochester, N.Y.

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Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
A complete assortment of the best in the
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Wholesale Commission Florists

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Telephone, Madison Square 5296.

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Leading Retail Florists Everywhere Say So.

Many Chicago florists use no other kind as they have found from experience that Arnold Boxes suit their purpose best and are the most reasonable in price, taking quality into consideration.

Write for samples and prices or better yet order your supply today

A. A. Arnold Paper Box Co., 1302-1308 W. Division St.,
CHICAGO, - ILLINOIS.

Joseph Morichard, supply salesman for the S. S. Pennock-Meehan Co., who has been very ill of pleurisy, is slowly recovering. He is being well cared for at the home of Manager Rigby.

George J. Polykranas, 104 West 28th street, is receiving very fine chrysanthemums for so late in the season. They comprise Enguehard, Glenview and other good varieties.

George Peters & Sons, of Hempstead, L. I., are bringing to the New York Cut Flower Co., where they sell their own stock, a good assortment of carnations and pompons.

H. E. Froment, 148 West 28th street, continues to receive a great stock of all the standard varieties of roses from the range of L. B. Coddington, Murray Hill, N. J.

J. J. Coan, Inc., has received the first yellow narcissi of the season, which brings 50 to 75 cents per dozen. He is also handling a fine line of mignonette.

Alexander M. Westwood, the retailer of the Pennsylvania terminal, has been having a great sale of violets during the football season. He catches them coming and going.

Alexander Donaldson, of Englewood, N. J., is bringing to the Cut Flower Exchange a variety of good stock in chrysanthemums, carnations and callas.

M. C. Ford, 121 West 28th street, is now handling a fine variety of stock in roses and carnations. In chrysanthemums his Goldmines are very fine.

Clarence Slinn, 123 West 28th street, is receiving good stock of both double and single violets, these being his specialty, and they are selling well.

At Alexander McConnell's business is good. At this store we have noticed fine window decorations with begonias of the Lorraine type.

The George W. Crawbuck Co., Inc., have got their new store in fine shape and their business is improving rapidly.

B. S. Slinn, Jr., in the Cut Flower Exchange, received about 200,000 violets November 24-25, and sold out well.

Mrs. Retta E. Rankin, manager of the House of Ferns, 41 West 28th street, reports business improving.

Look! \$10.00 Look!

12-14-inch Holly Wreaths,	\$2.50
6-14-inch Cedar Wreaths,	1.20
6-14-inch Laurel Wreaths,	1.20
6-14-inch Pine Wreaths,	1.50
25 yards Laurel Roping, -	1.25
10 branches berried holly,	2.00
1 6 to 8 ft. Xmas Cedar Tree,	3.50
6 Spruce Bows with Cones,	1.20
1 Branch Mistletoe, -	.50

Regular price, \$14.85

SPECIAL PRICE, \$10.00

We make a specialty of the above and guarantee all goods as represented or money refunded.

TERMS—ONE-HALF CASH WITH ORDER.

We have everything in EVERGREENS.

Write Your Requirements.

DELAWARE EVERGREEN CO.,
MILTON, DELAWARE.

J. H. Small & Sons report excellent business. On November 25 they had a great run on violets and gardenias.

Gardenias are scarce, and there are few good ones, but they are up to \$5 and \$6 per dozen, wholesale.

Riedel & Meyer, Inc., 49 West 28th street, are handling fine stock of roses and carnations.

Manager Willoughby, of T. F. Galvin, Inc., reports business as greatly improved. A. F. F.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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Established 1857.



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L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

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Wm. A. Seeger
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Flowers or Design Work.

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We deliver anywhere in Canada and guarantee safe arrival.

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Deliveries to steamers and all Eastern Points.

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And 49th St., NEW YORK

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New London, Conn., Norwich, Conn. and
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And give special attention to steamer and theater
orders. Prompt delivery and best
stock in the market.

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Bangor, Me.

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Successor to Sievers & Boland

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H. B. WHITTED, Prop.

Careful attention given to all orders for
delivery in the Twin Cities or the
Northwest.

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trusted by the trade to our selection
for delivery on steamships or else-
where receive special attention.

Reference or Cash must accompany all orders
from unknown correspondents.

Cable address; Alexconnell,

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ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.

Largest and most centrally located store in
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Wire and Mail Orders Our Specialty.

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FLORIST

536 SOUTH SALINA STREET

General designs—All flowers in season



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LARGEST FLOWER STORE IN THE CITY

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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Established 1874.

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We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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KEENAN BLDG.

Largest Floral Establishment in America.

Established 1874. Incorporated 1909.

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Pittsburgh, Pa.

COLD WEATHER BRINGS IMPROVEMENT.

The first cold spell reached this city last week with the temperature falling to 15°. This seemed to put more snap into the business than any time before. It has been the custom before a holiday for the business to fall off considerably, but not so this year. Chrysanthemums still have the call with good white and pink on the scarce list. Yellow Bonnaffons are about the only good ones to be had now and always find ready sales. Short roses have more demand than the longer grades and often the best are sold at the prices of shorts. Carnations are very good. Violets and sweet peas are selling well. Pompons have quite a demand, as they are almost over. Lilies are moving slowly. American Beauties are not quite so plentiful, but enough to meet the demand. All greens are moving nicely.

CLUB BANQUET.

The florists' and gardeners' club celebrated its twenty-fifth anniversary with an elaborate banquet at the Fort Pitt hotel, November 21. About 70 members were present and all had a very enjoyable evening. All the oldest members and officers of the club were seated at the speakers' table. They included: E. C. Reineman, P. S. Randolph, Geo. Osterleo (the first secretary of the club), W. A. Clark, Fred Burki, J. W. Ludwig, E. C. Ludwig, Wm. Loew, B. L. Elliott, Neil McCallum, John Jones, Wm. Falconer, T. P. Langhans, H. Meuschke, President Fred Becker and Secretary H. P. Joslin. After an excellent menu, the president introduced E. C. Reineman, the first president of the club, who acted as toastmaster and gave a brief history of the club from the day of its organization up to the present time, which proved very interesting to all present. Others who followed and made brief talks were: P. S. Randolph, J. W. Ludwig, W. A. Clarke, Wm. Falconer, George Burke, Neil McCallum, John Jones, T. P. Langhans, George Wessenauer, Fred Burki and H. Meuschke. All present expressed a desire to have a large flower show in the city in the near future and expressed a willingness to help the Garden Club with its exhibition in June. The banquet was one of the most enjoyable events in the club's history and the members joined in a wish that the anniversary could be celebrated every month.

I. Bayersdorfer, of Philadelphia, called on the trade in this city and vicinity during the week.

G. M.

Albany, N. Y.

Under the direction of Philip Bender, superintendent of parks, workmen have completed the planting of 225 beds of tulip and other bulbs in the various recreation centers owned by the municipality. One order placed by the city for the work amounted to 95,000 bulbs.

The annual chrysanthemum show, conducted by the park department, came to a close, November 19. The plants were grown in the park greenhouses on New Scotland avenue and brought to the lake house, Washington park, for the exhibition. A list of 30 new varieties on exhibition in the collection for the first time was published in the daily papers and stimulated curiosity. The exhibit, however, as a whole, was not as good as a year ago.

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Corner Broadway and Gratiot Avenues.

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High Grade Cut Blooms

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Main store— 334 Lewis Ave., Telephone
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Penn The Florist

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Greenhouses and Nurseries in Riverdale.

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The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President; F. W. Bolgiano, Washington, D. C., First Vice-President; L. L. Olds, Madison, Wis., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fifth annual convention, June, 1917.

EGG PLANT seed will be short.

BOSTON, Mass.—Chas. H. Breck and wife are spending a few days at Atlantic City.

THERE will be a big demand for tomato seed. Early sorts, \$2 to \$2.50; late, \$1.75 to \$2.

SPINACH is very short and the price is as much as the traffic will bear, 75 cents approximately.

RADISH is in short supply. Turnip sorts will be quoted to the trade at 40 to 50 cents, long sorts 35 to 40 cents.

SAN FRANCISCO, Calif.—Lester L. Morse is thought to have improved in health during and since his recent Chicago trip.

NEW YORK.—Watson S. Woodruff returned from the west via Galveston, Tex., and admires the pluck of these rebuilders after the tidal waves.

HAVE you provided your Early Jersey Wakefield cabbage seed for 1918? Cabbage for wintering this season is scarce. The northwest coast is in fair shape for cabbage crop.

CANNERS are said to have deliberately invaded Connecticut seed sweet corn sections and, bidding double local prices, pirated considerable stock which was verbally optioned to local jobbers.

IN the New Jersey pepper seed growing region green peppers proved of greater value than the prospective seed because of which truckers repudiated their contracts. Legal efforts failed to get the seed saved.

THE demand for seed sweet corn from canners who have had a prosperous season seems to put the price so high that it becomes a serious matter for the average seedsman to ask his market garden customers to pay three dollars or more per peck.

SWEET CORNS quoted at top price, one because of very strong retail demand, the others because of canners' necessities, are Golden Bantam, Country Gentleman and two types of Stowell's Evergreen. All these are said to be worth \$25 to \$30 per 100 pounds at wholesale.

THE Wholesale Seedsman's League met at the Hardware club, New York, November 23. Former officers were reelected. General discussion of seed harvests and importations followed. Sweet corn and peas (canners' sorts), wax and bush beans, spinach and beet were all reported short.

THE use of the cental system in the garden seed trade is strongly urged. Four states require by law all seeds sold by ounce and pound. Other states differ in legal weights of sweet corns, peas, etc. All catalogue seedsmen should adopt the cental system at once. Probably more than half of the jobbers have already done so.

Holly and Green.

Holly scarcity continues. The supply will be short, the quality not yet certain. Florists may have to be satisfied with a lower grade than usual.

Bouquet green will be scarcer this year than ever known, both east and west. Old dyed stocks are exhausted.

Commercial Varieties of Alfalfa.

Increased interest in varieties of alfalfa and the need for the grower to know whether a certain variety is suitable for his neighborhood, has led to the publication under the above title of Farmers' Bulletin 757 by the United States department of agriculture. Its 24 pages are devoted to a discussion of the characteristics and habits of the nine distinctive strains now recognized in the United States as fairly distinctive commercial varieties, together with their adaptation to climatic conditions.

Seed Growing Speculation.

The inexperienced men or women who invest money in wild cat seed growing schemes before consulting competent and reliable experts can only blame themselves for any losses they may sustain in these ventures. Thrifty and diligent men have grown old in this industry, in California and elsewhere, without any of that excess of the world's wealth with which they are credited in certain extravagant announcements in newspapers of the profits in seed growing.

Beans.

Some jobbers are of the opinion that farmers will require from \$1 to \$1.50 advance over last season for growing garden beans, because of present very high prices for food beans.

Elevator men in Michigan are getting from farmers beans which have been grown for seedsmen from the latter's seed stock.

In the Santa Ynez Valley, Lompoc region, 40 pounds of garden beans yielded 1,200 pounds.

Bean crops in Idaho went off during November 50 per cent from October expectations.

Rocky Ford bean planting did not return seed stock.

Ground Storage of Bulbs.

In a recent paper by Eltweed Pomero, the well-known bulb grower of Donna, Tex., attention is called to the advantage of ground storage of bulbs in sections of the country where climatic conditions permit. In Texas, for example, the bulbs can be stored in the ground, where they continue to in-

crease in size and value, and can be dug in the late winter or early spring and supplied to the northern planter in a fresh condition, with their vitality preserved, while in northern climates the bulbs must be grown in greenhouses, which means added expense and inferior bulbs, or else dug in the fall and stored until spring, and it is difficult to preserve their vitality during these long storage periods, which, however, are necessary wherever frost enters the ground. The author states that in his experience not more than 50 per cent of canna tubers obtained from warehouse storage survive, while bulbs from ground storage increase in value and there is no loss at the end of the season.

Insect Powders Irregular.

The United States Insecticide Board Announcement No. 14 shows that the makers of the following insecticides have been tried and punished under the law:

Naptha-Kale.
Cedar Spray.
Germo Animal Dip.
Feiris Cedarol Fluid.
Lime Sulphur Solution (Riches-Silver & Co.).
Bowes Blue Label Slug Destroyer.
San-O-La.
Killitol.
O. K. Fly Relief.
Kibler's Paris Green.
Fuller's Carbolic Insecticide.
Sectease.
Readeana.
Soluble Pine Oil.
Simplex.
Rat-Mum.

Seedsmen who are offered the above or other similar preparations should investigate thoroughly before stocking the same and buy only when a full legal, signed guarantee is written on every invoice.

Free Seeds Not True to Names.

That a good many people who tried this season to have a garden from free seed sent out by the government had all sorts of trouble with the seed is indicated in a speech made recently by Representative P. P. Campbell of Kansas in the house of representatives. He, like practically all his colleagues in the house and the senate, sent out 20,000 packages of government garden

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids,

Mich.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Lilium Harrisii BULBS

	Per 100	Per 1000
5 in. to 7 in.....	\$ 4.50	\$36.00
7 in. to 9 in.....	8.00	72.00

PAPER WHITE NARCISSUS GRANDIFLORUS

Prices on application.

WE OFFER TO FLORISTS
A CHOICE SELECTION OF
HYACINTHS, TULIPS, Etc.,
FOR FORCING OR
OUTDOOR PLANTING.

Send us a list of your requirements and
we will give you attractive
special prices.

J. M. THORBURN & CO.
53 Barclay Street, through to 54 Park Place
NEW YORK CITY.

seed to his constituents. Evidently the responses that have come to him from his constituents have not been complimentary to the quality of the seed. He told his colleagues that they might expect to hear from their constituents about the seeds when they get home and start their campaigns. He also attacked the practice of the government in buying these seeds from dealers in foreign countries, the fact that the department of agriculture has just entered into a contract with an English firm to supply 40 tons of seed for next year's distribution having been brought out in the debate.

"What I want to get at is the policy involved," Mr. Campbell said. "Whether or not these seeds were purchased in England because it was hoped that the department would get a variety of seed that would be useful in introducing new plants into the United States or whether it was done because a lot of miscellaneous and badly mixed seeds could be purchased cheaper in England than in the United States.

"If what gentlemen have said here today be true, that the American seed growers were not competing in these bids for congressional seeds for next year, I am wondering if it is because they feel they cannot compete with the seed growers of foreign countries under present conditions."

"I know something of the character of the seeds sent out this year," he told the house, "and they were a badly mixed lot of poor seeds. Cucumber seed and cantaloupe seed were mixed indiscriminately; watermelon seed and pumpkin seed were mixed in the same package; and six separate kinds of lettuce were mixed in one small package, all marked some sort of special lettuce, and yet there were six kinds in that one little package—all poor."

Efforts were made in congress this session to abolish the free seed distribution, but without success. The usual appropriation was made for the purchase of seeds for next year's distribution.

Asparagus Plumosus Nanus

Greenhouse Grown Seed

1,000 Seeds, \$3.50 10,000 Seeds, \$32.50

Californian Grown Seed

1,000 Seeds, \$2.50 10,000 Seeds, \$22.50

5 per cent discount, Cash with order.

ARTHUR T. BODDINGTON CO., Inc.
128 Chambers Street, NEW YORK.

Kentia Seeds

New Crop--Just Arrived.

KENTIA BELMOREANA KENTIA FORSTERIANA
COCOS WEDDELIANA

WRITE FOR IMPORT PRICES, STATING QUANTITY REQUIRED.

McHUTCHISON & CO.,

THE
IMPORT HOUSE

95 Chambers St., NEW YORK

BEANS, PEAS, RADISH

AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write or prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St., Telephone Main 2762. CHICAGO

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.
SANTA ANA, CALIFORNIA.

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; **TOMATO, LIMA and POLE**
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

S. M. Isbell & Co.

JACKSON, MICH.

Contract Seed Growers

Beans, Cucumbers, Muskmelon,
Watermelon, Squash, Sweet Corn.

Michigan-grown Radish our Specialty.

Correspondence Solicited.

Mention the American Florist when writing.

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc.
Moorestown, New Jersey

Mention the American Florist when writing.

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, - NEBRASKA

Mention the American Florist when writing.

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale
Farm.

Bristol, Pa.

Mention the American Florist when writing.

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City**THE C. HERBERT COY SEED CO.**

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDSCucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

97th Year

J. BOLGIANO & SON,Wholesale Garden and Field Seeds,
Onion Sets, Seed PotatoesGrowers of
Pedigree Tomato Seeds Baltimore, Md.**American Bulb Co.**

A. Miller, President.

WHOLESALE DEALERS IN

Bulbs, Seeds, Supplies, Etc.

178 N. Wabash Ave., Chicago, Ill.

THE

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Contract Seed GrowersSpecialties: Pepper, Egg plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

My New PRICE LIST of

**Winter Orchid-Flowering
Sweet Pea Seed**Has been mailed. If you have not received a
copy, send Postal for it.

Part of new crop is ready now.

Ant. C. Zvolanek, Lompoc, Calif.**GARDEN SEED**Beet, Sweet, Corn, Garden Beans, Onion Sets,
and Seed Potatoes in variety. Also other items
of the short crop of this past season, as well as a
full line of Garden Seeds, will be quoted you upon
application to**S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK**
and Orange, Conn.**Last Call For
FALL BULBS****Hyacinths**

Per 1000

First Size Named, our selection \$40.00

Second Size Named, our selection ... 27.00

Dutch Romans N. med 10.00

Tulips (Early)

Per 1000

Less 10% in 1000 lots.

La Reine \$ 6.75

Belle Alliance 10.00

Rose Gris de Lin 6.00

Chrysolora 9.00

Yellow Prince 8.00

Thos. Moore 6.75

Cottage Maid 7.50

Tulips

Darwin and Cottage

Less 10% in 1000 lots.

Per 1000

Gesneriana Spatulata \$ 8.50

Bizards, mixed 8.00

Sweet Nancy 10.00

Mad. Krelage 10.00

Sultan 10.00

Rev. Ewbank 10.00

Nauticus 10.00

Lilium Formosum

Per 1000

6 to 8-inch, (350 to case) regular

strain \$35.00

6 to 8-inch (350 to case) true black

stem variety 40.00

We are mailing now,
Decorations, Xmas Greens, Etc. Also New Crop Asparagus
Plumousus Nanus Seed.Special offer of Holiday Dec-
orations, Xmas Greens, Etc. Also New Crop Asparagus
WRITE FOR BOTH.**CHICAGO Vaughan's Seed Store NEW YORK****Narcissus**

Per 1000

Soleil d' Or, Early \$20.00

French Trumpet Major (1750 bulbs to

the case) 10.00

Victoria, (bicolor), mother bulb, 20.00

Select size 10.00

"JOSS" LILIES, Chinese Narcissus,
per mst (120 bulbs) \$5.50 at Chi-
cago. In New York, 6.00.**Lilium Giganteum**

NEW CROP

Per 1000

6 to 8-inch (400 to case) \$30.00

7 to 9-inch (300 to case) 45.00

8 to 9-inch (250 to case) 65.00

8 to 10-inch (225 to case) 73.50

9 to 10-inch (200 to case) 88.00

Hardy Lilies

Per 100

Per 1000

Lilium Auratum, 9-11 in.,

(100 to case) \$ 8.00 \$ 75.00

Lilium Rubrum, 8-9 in.,

(160 to case) 5.50 50.00

Lilium Rubrum, 9-11 in.,

(100 to case) 9.00 85.00

Lilium Album, 9-11 in.,

(100 to case) 12.00 100.00

Lilium Candidum

Per 1000

Regular Grade (20-22 ctm) \$48.00

Special offer of Holiday Dec-

orations, Xmas Greens, Etc. Also New Crop Asparagus

WRITE FOR BOTH.

TOMATO SEEDAlso Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed
and Field Corn, in variety, on contract.**EDGAR F. HURFF,**Correspondence
Solicited.

SWEDSBORO, N. J.

Grass Mixtures

— FOR —

Golf-Tennis-Polo

MEET ALL REQUIREMENTS FOR ALL SOILS

The Albert Dickinson Co.,
CHICAGO, ILL.**The L. D. Waller Seed Co.**

Gaudalupe, California

Wholesale Growers of

**FLOWER SEEDS, SWEET
PEAS AND NASTURTIUMS**

Correspondence Solicited.

Henry Fish Seed Co.**Bean Growers for the
Wholesale Seed Trade**

CARPINTERIA,

CALIF.

BRUNNINGSNow contracting for Beans and Peas
for 1917, 1916 stocks being exhausted.**AUSTRALIAN BROWN ONION**

1915-1916 crop seed still available

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Asters,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.**The Everett B. Clark Seed Co.**

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip,
Radish, Beet, Etc.Branches: Michigan,
Wisconsin and Idaho.

MILFORD, CONN.

CHRYSANTHEMUM NOVELTIES

1917

Our Novelties for 1917 are the best we have ever had. The finest of the year in the large flowering type will be—

LOUISA POCKETT

Mr. Pockett, who raised both varieties says that **Louisa Pockett**, will easily displace Wm. Turner as the best white in cultivation. From our knowledge of it I can endorse this statement.

In 1906 I distributed Beatrice May, which remained our standard white for years. Five years later in 1911, I distributed Wm. Turner and now after a lapse of five years, in 1917 I will distribute this sensational white that surpasses all others—**Louisa Pockett**.

This is a seedling from Turner but a larger flower and heavier grower.

Other splendid Novelties for 1917 will be: **Nag-Ir-Roc**, **W. H. Waite**, **Pres. John Everitt**, **October King** and **Bol d'Or**, January delivery, 2½ inch pots, \$16.00 per dozen; \$100.00 per 100.

We will also distribute Schaeffer's Phenomenal **Japanese Anemones** and our new **Singles** for 1917, are as usual, the **Finest in the World**.

CHARLES H. TOTTY, Madison, N. J.

Panama Gladiolus

California Raised

300,000 Bulblets..... Per 1000 \$ 1.00
5,000 Bulbs, 1¼-inch..... 25.00

C. C. MORSE & CO.,

749 Front St., San Francisco, Calif.

James Vick's Sons

Seedsman, Nurserymen, Florists

SEEDS All the leading
PLANTS kinds for summer
BULBS and fall planting.
Ask for Catalogues. **ROCHESTER, N. Y.**

R. & M. GODINEAU

SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

BARNARD'S
Seed Store
231-235 W. Madison St.
CHICAGO.

KELWAY'S

SEEDS--Flower, Vegetable and Farm

For present delivery or on contract. Wholesale only.

Special quotations for next season and
from 1917 harvest now ready.

Langport, - England.

THE KIMBERLIN SEED CO.

WHOLESALE SEED GROWERS **SANTA CLARA, CAL.**

Growers of
ONION, LETTUCE, RADISH, ETC.
Correspondence solicited.

MANN'S

Lily of the Valley

are the finest in existence and their flowers
bring the best prices on the London market.
For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

Trade Directory

PRICE, \$3.00 POSTPAID.

AMERICAN FLORIST CO.
440 S. Dearborn Street, CHICAGO

ALL Nurserymen, Seedsman and Florists wishing to do business with Europe should send for the

"Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the horticultural trade; it is also taken by over 1,000 of the best continental houses. Annual subscription, to cover postage, 75 cents. As the H. A. is a purely TRADE medium, applicants should, with the subscription, send a copy of their catalog or other evidence that they belong to the nursery or seed trade. Money orders payable at Lowdham, Notts.

Address **EDITORS OF "H. A."**
Chilwell Nurseries, LOWDHAM,
Notts, England.

A. N. Pierson, Inc.

Wholesale Florists
CROMWELL, - CONN.

Market Gardeners

Vegetable Growers' Association of America.

H. W. Selby, Philadelphia, Pa., President;
H. F. Thompson, Arlington, Mass., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; Eugene Davis, Grand Rapids,
Mich., Treasurer.

Next annual convention will be held at
Springfield, Mass., in 1917.

COLUMBUS, O.—The sixth annual exhibition of vegetables and fruit of the Ohio State University Horticultural Society will be held December 14-16.

FARMERS' BULLETIN No. 753 of the department of agriculture, Washington, D. C., 40 pages well illustrated, is devoted to the commercial handling, grading and marketing of potatoes.

RECENT advices from Riverhead, L. I., stated that pickle manufacturers had paid \$100 per ton for cauliflower, delivered on the siding at that place. It was further stated that not very long ago the growers were glad to get \$20 a ton for it. It appears that the pickle manufacturers are hard pressed for stock to carry on their business.

Prices of Indoor Fruits and Vegetables.

Chicago, Nov. 28.—Mushrooms, home grown, 35 to 60 cents per pound; lettuce, small cases, 12½ cents; radishes, \$1.50 per 100 bunches; celery, 75 to 90 cents, open crate; tomatoes, 10-lb. baskets, \$1.00 to \$1.40; cucumbers, per 2 dozen box, \$1.75 to \$2.50.

New York, Nov. 28.—Celery, per crate, \$2.50 to \$4.00; cucumbers, \$1.00 to \$1.50 per dozen; mushrooms, 75 cents to \$1.50 per 4-lb. basket; tomatoes, 10-lb. basket, \$1.25 to \$2.00; radishes, per 100 bunches, 50 cents to \$1.00; lettuce, per package, 20 cents to \$2.50.

Vegetable Prices at New York.

Potatoes at New York continued high November 25, much stock being held in storage. The following prices were quoted: Long Island (180 lbs.), \$5.25 to \$5.50; Maine (165 lbs.), \$4.75; Canadian (180 lbs.), \$4.80 to \$5.25; Southern sweet (per bbl.), \$2.00 to \$3.00.

Cauliflower is higher, Long Island, short cut, being quoted at \$4.00 and \$4.25 per barrel.

At Thanksgiving the turkey market attracts particular attention. On November 25, prices for fresh killed were 33 and 34 cents per pound.

A. F. F.

Potato Prices at New York.

Joseph Hartigan, commissioner of weights and measures, has predicted that a break in potato prices will come this week. He thinks they will drop from 5 to 7 cents a pound, to 4 to 6 cents. The farmers are now shipping in larger quantities. There is always some loss in stored potatoes, and again, the recent high prices have brought about what may be called an automatic boycott, as the public has been buying less potatoes and more of other and cheaper vegetables. Commissioner Hartigan has made the interesting statement that for every dollar paid by a New York family for food, only 35 cents goes to the farmer or producer.

Oklahoma City.

Retailers say business is satisfactory in all lines. We have been having cold, snappy frosts during the nights and clear, sunny days, so that the weather conditions have been ideal. Then there has been a season of grand opera, which tended to stimulate social functions, most of which called for some floral effort; also, one or two rather large weddings, so florists have reason to remark that business is keeping up very nicely. Thanksgiving trade is always of a generous order and big things are looked for in the next few days. The stock of flowers available is excellent. Moreover, unlike many other commodities, flowers are not being affected by the high cost of living prices; for instance, special sales of carnations at 60 cents per dozen have been featured this week.

NOTES.

W. R. Maxwell, Tulsa, Okla., is building 20,000 feet of glass in that town, which will be managed by his two sons. He has been in the florist business in Alva, Okla., for several years.

Visitors: John Stuppy, St. Joseph, Mo.; M. Koontz, Springfield, Ohio.

S. S. B.

SALT LAKE CITY, UTAH.—A greenhouse 30x60 feet is being planned for the capital grounds of which Martin Christopherson is superintendent.

CONTRACT GROWER of

Cucumber and Muskmelon Seed

I offer Pure Stock, Personal Service Intimate Knowledge of Stocks and Local Conditions. Good Deliveries and Moderate Prices.

R. H. JAMES, Rocky Ford, Colo.

Mention the American Florist when writing.

ENORMOUS PROFITS



START GROWING MUSHROOMS
Learn the latest authoritative way to make still bigger profits than you ever thought possible or ever made growing mushrooms. Add \$10 to \$75 a week to your income. Florists make money using space under benches in greenhouses. Use spare time. Mushrooms command high prices, especially now. Start now. Demand bigger than supply. Send for big free book of expert authority. "The Truth About Mushrooms."

Bureau of Mushroom Industry, Dept. 327, 1842 N. Clark St., Chicago

Mention the American Florist when writing.

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.

THE BEST AMERICAN BOOK ON THE SUBJECT
170 Pages.—Price \$1.00—29 Illustrations.

AMERICAN FLORIST COMPANY

440 S. Dearborn Street, Chicago.

TO THE TRADE.

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1787.)

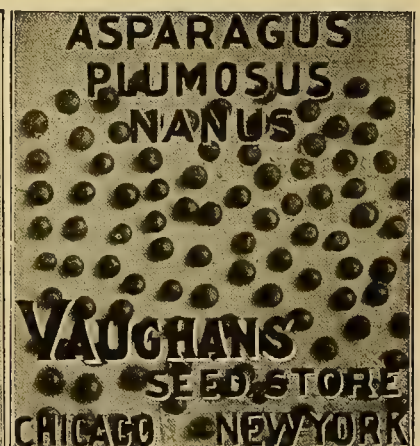
SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuce, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, Pansies, Phloxes, Primulas, Scabiosa Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES—(mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ⅓ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

Asparagus Plumosus Nanus



NEW CROP SEED NORTHERN GREENHOUSE GROWN

Price Per 100 seeds, 50c; 250 seeds, \$1.00; 1000 seeds, \$3.50;

5000 to 10,000 seeds at \$3.25 per 1000.

—Prices on larger amounts on application.—

CHICAGO

VAUGHAN'S SEED STORE,

NEW YORK

To Bloom for Easter

EXTRA STRONG CLIMBING ROSES FIELD-GROWN

We offer the following list of EXTRA STRONG FIELD-GROWN stock that will make fine plants for Easter if started cool.

3 YEAR OLD.

Excelsa—"Red Dorothy Perkins."
Delight—Bright carmine flowers; base of petals, white.
Dorothy Perkins—Beautiful shell-pink.
Flower of Fairfield—Everblooming Crimson Rambler.
Hiawatha—Single crimson, lighter center.
Lady Gay—Beautiful cherry pink.

Price: Doz., \$3.00; 100, \$22.00; 1000, \$200.00

2 YEAR OLD.

Crimson Rambler.
Dorothy Perkins.
Excelsa.
Flower of Fairfield.
White Dorothy Perkins.
Baby Ramblers.

Price: Doz., \$2.00; 100, \$15.00; 1000, \$140.00

HYBRID PERPETUAL ROSES--2 Year.

	Doz.	100
Anna de Diesbach.....	\$2.00	\$14.00
Frau Karl Druschki.....	2.50	18.00
General Jacqueminot.....	2.00	14.00
Gloire Lyonnaise.....	2.00	15.00
Mabel Morrison.....	2.00	15.00
Magna Charta.....	2.90	15.00

	Doz.	100
Mrs. John Laing.....	\$2.00	\$15.00
Paul Neyron.....	2.00	15.00
Prince C. De Rohan.....	2.00	15.00
Ulrich Brunner.....	2.00	15.00
Persian Yellow.....	2.00	15.00
Orleans.....	2.50	18.00

Ask for Prices on All Plants and Decorations for Xmas. LISTS FREE.

CHICAGO

VAUGHAN'S SEED STORE

NEW YORK

CYCLAMEN

Extra fine, Wandsbek type, 7-inch60c to 75c
 " " " 6-inch50c

Extra fine, Wandsbek type, 5-inch40c
 " " " 4-inch35c

Begonia Cinninati

Large plants, 7-inch.....75c Large plants, 6-inch.....60c
 " " 5-inch.....50c " " 4-inch.....35c

Begonia Lorraine

Large plants, 5-inch.....50c Large plants, 4-inch.....35c

Christmas Peppers

Three varieties: bushy plants, full of fruit.

7-inch, 3 in a pot.....35c
 5-inch, strong plants.....15c
 4-inch, strong plants.....12c

Jerusalem Cherries

Strong bushy plants, full of cherries.

4, 5 and 6-inch.....12 to 20c each

Primulas

Malacoides, very fine plants, in bloom, 4-inch.....10c
Chinensis, very fine plants, in bloom, 4-inch.....10c
Obconica, very fine plants, in bloom, 4-inch.....10c

Geraniums

2½-inch stock, best varieties.....\$20.00 per 1000

PYFER & OLSEM,

Wilmette, Ill.

Massachusetts Agricultural College.

The classes in floriculture visited the establishment of A. N. Pierson, Inc., at Cromwell, Conn., November 18. Tom Beers acted as guide to the classes, pointing out the special features, and the varied crops grown. The trip was very enjoyable and the students all left very tired, but much impressed by the size and magnitude of the business done by this firm.

The students are engaged in the planting of bulbs and trenching of sweet peas this week.

The florists' and gardeners' club met November 23 for a discussion on the publication of an "annual." Great plans are being laid for this enterprise and it is hoped a valuable booklet will be the result.

Jens Jensen, of Chicago, spent the week end at the college. November 17 he addressed the landscape gardening students, explaining somewhat his work.

WALLA WALLA, WASH.—Miss Grace Kelly will open a flower shop in the Elks' building in the near future.

Nephrolepis Verona

Best of all crested ferns, rapid grower; it's splendid fronds stand up well; each show individually; does not rot in center.

BUY FROM THE ORIGINATORS.

	Per 100	Per 1000		Per 100	Per 1000
2-inch.....	\$8.00	\$72.00	3-inch.....	\$12.00	\$90.00

BAMBOO

Best decorative plant that grows; strong bushy stock.

7-inch pots\$1.50 each 12-inch tubs.....\$6.00 each

P. S. Randolph & Sons

Wholesale Florists and Plant Specialists

R. D. VERONA, - PA.

The Nursery Trade

American Association of Nurserymen.

John Watson, Newark, N. Y., President;
Lloyd C. Stark, Louisiana, Mo., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Forty-second annual convention will be held at Philadelphia, Pa., June, 1917.

BARRINGTON, R. I.—The town authorities have appropriated \$1,000 for the extermination of tree pests.

LOS ANGELES, CALIF.—Theodore Payne of this city has been elected president of the Arboricultural Association of Southern California.

PIEDMONT, CALIF.—The city authorities have voted an additional \$13,000 for park purchases in connection with Dracena and Linda parks.

LEXINGTON, KY.—Gratz park will be beautified in the spring, plans for the improvements having been drawn by Olmstead Bros., Brookline, Mass.

SAN DIMAS, CALIF.—The San Dimas Citrus Nurseries, Inc., has gone out of business and will be succeeded by the R. M. Teague Citrus Nurseries as an individual enterprise.

HAINES CITY, FLA.—The Consolidated Fruit Corporation, 204 Franklin street, New York, has purchased 3,000 acres of citrus fruit land, near here, and will develop it in the near future.

"CRANBERRY RED" may become a new color for ultra-fashionable men next spring if reports coming from Jersey are true. The dye shortage caused manufacturers to buy up entire crops in South Jersey this year to convert the Thanksgiving turkey seasoners into coloring.—Milwaukee Journal.

WASHINGTON, D. C.—Trueman Latham, superintendent of trees and parkings in the District of Columbia, died at the home of his son at Fort Howard, Md., following a short illness. He had held the position since 1885. He will probably be succeeded by his son, Clifford, the present assistant superintendent.

BOSKOOP, HOLLAND, nurserymen write regarding British embargo: "This has no effect whatever on the prices of the articles which are usually shipped to the United States. England imported Azalea mollis and all kinds of hardy azaleas from Belgium, but comparatively little of other stock. In fact England paid more to America before the war than at present and this would tend to make the prices go up instead of down. The season so far has been unfavorable for some articles, for example roses and ampelopsis. Many small growers have discontinued because of low prices, having found more profit in vegetables."

Tanbark for Roofing.

A method for using waste hemlock tanbark to partially replace expensive rag stock in the manufacture of felt roofing has been developed at the forest products laboratory of the United States department of agriculture, and is now being used commercially by co-operating mills, according to an announcement made by the forest service. It is stated that, in these mills, from 20 to 30 per cent of the rags is being replaced by waste bark and that the quality of the finished product is equal to that manufactured solely from rags. According to the census of 1909, over 698,000 tons of hemlock bark is produced each year in the United States. After the tannin is extracted this bark is used for fuel purposes, for which it is said to have a value of 60 cents per ton.

In addition to the use of the bark for roofing, papers made at the forest products laboratory on the basis of 80 per cent of waste tanbark, have been successfully printed on a commercial twelve-color wall-paper printing machine, and give promise of being entirely satisfactory. Other paper of the same make-up has been made into fiber conduits by a commercial manufacturer.

Providence, R. I.

BUSINESS IN GENERAL IS GOOD.

The weather has been crisp and November has given us a taste of winter business. Parties, weddings and other social functions have all added their share and the local florists have been busy. The main supply is in cut flowers and chrysanthemums are far in excess of all other varieties. Pompons are more popular this year than ever before. Roses are about equal to the demand and the quality is better than at this time last year.

NOTES.

The Quidnick Greenhouses can be classed as a truly model range. Several houses, modern in construction and equipment, are given over to roses and carnations exclusively. The latter were formerly grown in great numbers but in recent years this place has developed into one of the largest rose growing establishments in southern New England.

John Wood has entered into an agreement with the proprietor of one of the local fruit stores to act as manager of the flower department next to the Empire theater. He opened up last week, and as the location is a central one, business should come his way.

The new store of T. J. Johnston & Co. will be ready for occupancy the first of the year. Many transformations are being made, the lighting fixtures are rich and novel, and the whole establishment will present a handsome appearance.

J. Kopelman & Co. have quite an area planted to hardy inside chrysanthemums at Riverside. The crop has been of good quality but too large in quantity for this market to completely absorb them.

Smith, the Washington street florist, is using considerable newspaper space. His advertisements, while moderate in tone, are of a convincing character and are about the best in their line seen here this year.

Wm. Hoffman, of Pawtucket, has entered upon his ninth year at his Main street store. His window of green tile has stood up wonderfully and is in almost perfect condition today.

Orchids are scarce, both locally and in the Boston market. Macnair, who predicts a growing demand for this flower, reports he cannot secure enough of them to fill his orders.

Mr. Solomon, of Kresge's 5 and 10 cent store, has purchased the Empire Floral Co. establishment. The store is on a new street with low rent and should be a success.

M. J. Leach & Sons had 50 floral designs for Diamond Hill a few days ago. Timothy O'Connor is also filling many orders for this service.

H. A. T.

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,

P. O. Berlin, N. J.

Williamstown Junc., N. J.

ROSES, CANNAS

Shrubbery

THE CONARD & JONES CO.,

West Grove, Penna.

Mention the American Florist when writing

PEONIES and IRIS

Write for list.

PETERSON NURSERY

Post Exchange Building, CHICAGO

OWN ROOT

ROSES

Pot grown
2½ and 4-in.

Field grown
to pot 5 to 6-in.

THE LEEDLE FLORAL COMPANY.
SPRINGFIELD-OHIO.

Hill's Evergreens

BEST FOR OVER HALF A CENTURY

Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists Largest Growers in America
Box 404. DUNDEE, ILL.

AMARYLLIS

(Hippeastrum)

\$18.00, \$22.00, \$25.00 per 100 Mixed Colors.

Fancy Stock, \$1.00 to \$5.00 Each.

C. S. TAIT, BRUNSWICK, GA.

Special Grade California Privet

I have 450,000 of this special grade of California Privet, grown by a new method.

Price (for 30 days only), 12 to 18 inches, \$8.00 per 1000
 " " " " " 1½ to 2 feet, 10.50 per 1000

Packed for cash with order. No order accepted for less than 1000 plants.

Also over two millions of California Privet of finest quality, in all sizes, from one to four feet, grown in the usual way. Attractive prices given upon request, especially on carload lots.

Amoor Privet, Polish Privet and Berberis Thunbergii in quantity.

J. T. LOVETT,

Little Silver, N. J.

Ferns in Flats

In Best Varieties For Fern Dishes.

\$1.50 per 100

100,000 READY NOW

Write for Wholesale Catalogue of
 FERNS, KENTIAS, ETC., to

H. PLATH

"THE FERNERIES"

Lawrence and Winnipeg Avenues.
 SAN FRANCISCO, CALIF.

Mention the American Florist when writing.

Orchids

If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application.

LAGER & HURRELL, Summit, N. J.

Geraniums

Per 100 Per 1000
 100,000 2 and 2½-in. Pot geraniums in 28 varieties..... 2.25 20.00
 Also abundance of other stock. Correspondence Solicited.

ALONZO J. BRYAN, Wholesale Florist.
 Washington, New Jersey.

ORCHIDS

FRANCISCO DELGADO Q.
 ORCHID COLLECTOR

Solicits orders for shipments of Orchids.
 Prices quoted upon application.

BOGOTO (Chapinero) COLOMBIA.

Robert Craig Co...

High - Class **PALMS**

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

COTTAGE GARDENS NURSERIES, Inc., EUREKA, CALIF.

Largest growers of

Ornamental Nursery and Florist Stock
 IN AMERICA.

-- NOW READY --

PRELIMINARY CATALOGUE containing full descriptions and suggestions for growing **RHODODENDRONS, INDIAN AZALEAS, BOXWOOD, HOLLIES, WINTER-BLOOMING and BERRIED PLANTS** from **AUSTRALIA, JAPAN, ASIA, CHILE and CALIFORNIA**, suitable for use in the Commercial Florist Trade.

Also **NARCISSI, HYACINTHS, TULIPS and PEONIES**

If interested mail us your name and address please.

HILL'S CHOICE LANDSCAPE, DECORATIVE AND FORCING STOCK FOR FLORISTS' TRADE

Boxwoods—Pyramids, Standards, Globes, Bush, Dwarf—One of our leading specialties. Stocked in enormous quantities.

Bay Trees—Standards, Half Standards, Pyramids. We can save you money and give better quality. Let us prove it.

Hardy Tubbed Evergreens—Clipped specimens in Taxus, Thujas, Juniperus, Abies varieties in Pyramids, Globes and natural-shaped in large assortment.

Araucarias—Best sorts, best values, in both small and large sizes, for immediate effect and growing on.

Forcing Stock—Azaleas, Rhododendrons, Aucubas, Skimmia Japonica, Hydrangeas, Lilacs, Spireas, Magnolias, Japanese Maples, Wistaria Chinensis, Japanese Flowering Cherry, Peonies, Roses, in large assortment, choicest quality, best commercial sorts.

Wholesale price list will be mailed promptly on request.

Landscape Evergreen and Conifers—New, rare and standard varieties. Small, medium and large sizes supplied in perfect specimens, with ball and burlap. Largest and most extensive collection in America.

Window-Box Plants—Hardy Coniferous Evergreens for winter use. All hardy and desirable sorts, best selection, lowest prices. Also Bush Box and Dwarf Edging. This line offers wide-awake florists a grand opportunity to increase their sales and profits.

Deciduous Trees and Shrubs—Our leaders—Norway Maple, American White Elm and Japanese Barberry.

Young Stock for Lining Out—Ornamental Evergreens and Deciduous Trees and Shrub seedlings, rooted cuttings, grafts, etc., in large assortment at very low prices. Annual output, 10,000,000 plants.

Write for information and price today.

THE D. HILL NURSERY COMPANY, INC.

EVERGREEN SPECIALISTS
 LARGEST GROWERS IN AMERICA

Box 404, DUNDEE, ILL.

WHOLESALE GROWERS AND IMPORTERS

BELLE WASHBURN

The New Red Carnation With an Unbeatable Record Behind It.

Winner two years in succession of the American Carnation Society Silver Medals, 1915 and 1916. Also winner of the S. A. F. Silver Medal, 1916. besides numerous first prizes and certificates at various shows in different parts of the country.

This is purely a commercial carnation—very bright clear red, large flower, non-splitable calyx, long stem and just as free blooming as Enchantress of which it is a seedling.

Prices of rooted cuttings ready for delivery Dec. 15th and later, 25 or less at the rate of \$8.00 per 100. 50 and less than 100 at \$6.00 per 100. Orders of 100, and less than 250, \$5.00 per 100 and orders of 250 or more at the rate of \$45.00 per 1000. All cuttings guaranteed strictly first class.

BASSETT & WASHBURN, Store and Office: 178 N. Wabash Ave. **Chicago**
Greenhouses: Hinsdale, Ill.

GERANIUMS

Immediate delivery at \$13.50 per 1000 for S. A. Nutt and Buchner and \$16.00 per 1000 for Ricard and Poitevine.

Asparagus Plumosus, fine stock at \$25.00 per 1000; same rate per 100.

ALBERT M. HERR, LANCASTER, PA.

BOXWOODS—MOST BEAUTIFUL STOCK

Pyramids, 2 -ft.....\$1.00 each
Pyramids, 2½-ft.....1.50 each
Pyramids, 3 -ft.....2.00 each
Pyramids, 3½-ft.....2.50 each
Standard Shape, 14x14 in.....2.50 each
Globes, 14x14 in.....3.00 each
Heavy Bushes, 2-ft.....1.50 each
Nice Bushes, 15-in.....35c each

F. O. FRANZEN 5319 N. Clark St CHICAGO

CARNATIONS

F. DORNER & SONS CO.,

Lafayette, - - Indiana

Mention the American Florist when writing.

Begonia Glory of Cincinnati

Begonia Melior, Begonia Mrs. J. A. Peterson.

CYCLAMEN, our own selected strain.
APLENUM NIDUS AVIS (Bird's Nest Fern).
Price list on application.

J. A. PETERSON & SONS, WESTWOOD, CINCINNATI, OHIO
Mention the American Florist when writing.

Dracæna Indivisa

2-in., \$2.00 per 100; \$18.00 per 1,000.

Per 1000
Vinca Variegata, 2 in., \$2.00 per 100....\$20.00
S. A. Nutt, 2-in.....18.00
Rex Begonias, 3-in.....per dozen 1.00
Satisfaction guaranteed.

ELMER RAWLINGS,

Wholesale Grower

ALLEGANY, NEW YORK

Mention the American Florist when writing.

If You are interested in Mid-Winter

Blooming Plants

—or anything in—

Soft Wooded Plants

—Write—

Geo. A. Kuhl, Wholesale Grower, PEKIN, ILL.

Mention the American Florist when writing.

Ferns, Araucarias, Palms, Etc.

Araucaria, 2 to 3 tiers, 5 in., 40c; 3 tiers, 6 in., 50c; 3 to 4 tiers, 6 in., 60c.

Kentia Belmoreana, 4 in., pots, 5 leaves, 15 in. high, 40c each; 5 in. pots, 5 leaves, 18 to 20 in. high, \$1.00 each; 6 in. pots, 5 to 6 leaves, 20 to 24 in. high, \$1.25 each; 6 in. pots, 6 leaves, 24 to 28 in. high, \$1.50 each.

Kentia Forsteriana, 6 in. pots, 5 to 6 leaves, 30 in. high, \$1.50 each; 7 in. pots, 6 leaves, 34 in. high, \$2.00 each; 7 in. pots, 6 to 7 leaves, 36 in. high, \$2.50 each.

Kentia Forsteriana, made up bushy plants, 3 and 4 plants to a tub, 7 in. tubs, 36 in. high, \$3.50 each; 8 in. tubs, 38 to 40 in. high, \$4.50 each; 8 in. tubs, 40 to 44 in. high, \$5.00 each; 9 in. tubs, 54 to 60 in. high, \$8.50 each.

Ferns, Teddy, Jr., extra fine, special prices, quantity—5 in. pots, broad and perfect, 35c each; 6 in. pots, broad and perfect, 50c each.

Boston Ferns fine fresh stock, quantity—5 in. pots, 30c each; 6 in. pots, 50c each.

Adiantum Hybridum, heavy, 4 in. pots, \$16.00 per 100.

Asparagus Sprengerii, bushy field plants, now in 4 in. pots, \$12.00 per 100; 5 in. pots, extra heavy, \$18.00 per 100. (Worth more to cut from.)

THE STORRS & HARRISON CO., Painesville, Ohio

THE NEW 'MUMS OF THE YEAR

As usual our products surpass all the so-called commercial sorts sent out last spring.

EARLY ROSE—

A bright pink. Cut Oct. 15th to 20th.

OCTOBER QUEEN—

The purest of whites. Cut Oct. 20th.

TIGER—

Very bright yellow, an ideal commercial kind. Cut Oct. 22nd.

JOSEPHINE FOLEY—

A splendid incurving white. Maturing Oct. 30th.

We are now booking orders for early delivery.

\$15.00 per 100; \$125.00 per 1000 from 2¼-inch pots.

12.50 per 100; 100.00 per 1000 for Rooted Cuttings.

The best new late white POMPON is NORDI; new last spring, is more productive than the older sorts.

\$7.00 per 100; \$60.00 per 1000 from 2¼-inch pots.

6.00 per 100; 50.00 per 1000 for Rooted Cuttings.

Our 1915 introductions—Crystal Gem, Golden Queen, Marigold and Tekonsha will be in strong demand. They have been money makers this season.

\$4.00 per 100; \$35.00 per 1000 from 2¼-inch pots.

3.00 per 100; 25.00 per 1000 for Rooted Cuttings.

Our collection of Novelties for 1917 will be exceptionally strong.

An announcement of these will appear later.

Elmer D. Smith & Co., Adrian, Mich.

Mention the American Florist when writing.

Ready Reference Section.

10 CENTS PER LINE, NET.



ADIANTUM.

Adiantum Farleyense. Nicely furnished plants, 4-in., \$50 per 100. J. A. Peterson & Sons, 3132 McHenry Ave., Westwood, Cincinnati, O.

AMARYLLIS.

AMARYLLIS (Hippeastrum). Imported and American seedlings, 9 to 10-in. cir., \$18; 11 to 12-in. cir., \$22 per 100. Tait's seedlings from very choice stock, \$25 per 100; fancy stock, \$1 to \$5 each. C. S. Tait, Brunswick, Georgia.

ARAUCARIAS.

Araucaria Excelsa, 5-in., 60c each; 6-in., 75c to \$1 each; 7-in., \$1.25 to \$1.50 each. Robusta Compacta, 7-in., \$2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucaria, 2 to 3 tiers, 5-in., 40c; 3 tiers, 6-in., 50c; 3 to 4 tiers, 6-in., 60c. The Storrs & Harrison Co., Painesville, Ohio.

ASPARAGUS.

Asparagus Sprengerii, 3-in., \$6 per 100; 4-in., \$10 per 100. Plumosus, 2½-in., \$3.50 per 100; 3-in., \$7 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Asparagus plumosus and Sprengerii seedlings, \$1.00 per 100; \$8.00 per 1,000. Sprengerii, 2-in., \$2.00 per 100, \$18.00 per 1,000. Fine stock. EDWARD W. SCHUSTER, Crookston, Minn.

Asparagus Sprengerii, bushy field plants, now in 4-in. pots, \$12.00 per 100; 5-in. pots, extra heavy, \$18 per 100. The Storrs & Harrison Co., Painesville, Ohio.

ASPARAGUS PLUMOSUS SEEDLINGS, extra strong, \$6.00 per 1,000. VAUGHAN'S GREEN-HOUSES, Western Springs, Ill.

Asparagus plumosus, fine stock, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

AZALEAS.

Azaleas for Christmas. Mme. Petrick, Veraneana, Petrick Superba, 75c, \$1, \$1.25, \$1.50, \$2.00, \$2.50, \$3.00, \$4.00, \$5.00, \$7.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Azaleas. W. & T. Smith Co., Geneva, N. Y.

BAY TREES.

Bay trees. New importation from Belgium in prime condition. Both standard and pyramid-shaped. For sizes, prices, etc., see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEGONIAS.

Begonias. Luminosa, 5-in., 20c each; Chate-laine, 2½-in., \$3.50 per 100; 3-in., \$8 per 100; 4-in., \$15 per 100. Cincinnati, 5-in., 75c each; 6-in., \$1 to \$1.25 each; 7-in., \$1.50 to \$2 each. Lorraine, 4-in., 30c each. Melior, 5-in., 75c each; 6-in., \$1 to \$1.25 each; 7-in., \$1.25 to \$2 each. Mrs. J. A. Peterson, 4-in., 50c each; 5-in., \$1 each. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS—Immediate Delivery.

Per 100
Mrs. J. A. Peterson (new), 2½-in. pots, \$25.00
Per 1,000 200.00
JULIUS ROEHRS CO., Rutherford, N. J.

BEGONIAS.

Begonia Cincinnati, large plants, 4-in., 35c; 5-in., 50c; 6-in., 60c; 7-in., 75c. Begonia Lorraine, large plants, 4-in., 35c; 5-in., 50c. Pyfer & Olsem, Wilmette, Ill.

Begonias. Glory of Cincinnati, Melior and Mrs. J. A. Peterson. Price list on application. J. A. Peterson & Sons, Westwood, Cincinnati, O.

BOXWOOD.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

Boxwood Sprays, good, clean, glossy, green sprays, 50 lbs., \$7.50; 100 lbs., \$13.50. Pittsburgh Cut Flower Co., Pittsburgh, Pa.

BOXWOODS.

PYRAMIDS. Broad, heavy specimens, 2 ft., \$1.90 each; 2½ ft., \$2.00 each; 3 ft., \$2.50 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee, Ill. Write for prices on larger sizes.

BUSH SHAPE, 10-12-in., balled, 30c each; 18-in., balled, 60c each; 30-in., balled, \$1.75 each.

THE D. HILL NURSERY CO., INC.
Box 404, Dundee, Ill.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

Boxwood, bush, 15-in., 50c each; 18-in., 60c each. Poehlmann Bros. Co., Morton Grove, Ill.

BULBS.

Bulbs. Chinese Narcissus, per mat of 120 bulbs, \$5.50. Named Hyacinths, 1st size, \$42 per 1,000; 2nd size, \$30 per 1,000. L. Formosum, 6 to 8-in. (350 to case), regular strain, \$35 per 1,000; 6 to 8-in. (350 to case), true black stem variety, \$40 per 1,000; L. Giganteum, L. Candidum, Tulips, early single named, Darwin and Cottage. For varieties, sizes and prices, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Yellow Calla Lily (Elliottiana), pure yellow flower.

Bulbs, 1½ to 2½-in. \$2.50 per doz.
Bulbs, 1½ to 2½-in. \$15.00 per hundred

Express prepaid if cash accompanies order.

A. WHEELER, Santa Cruz, Calif.

Bulbs. Dutch Roman Hyacinth; single early Tulips and Gladiolus. For varieties and prices see advertisement on front cover page of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Bulbs. Lilium Harrisii, 5 to 7-in., \$4.50 per 100, \$36 per 1,000; 7 to 9-in., \$8 per 100, \$72 per 1,000. Paper White Narcissus Grandiflorus, prices on application. J. M. Thorburn & Co., 53 Barclay St., New York City.

Bulbs. Lilium Formosum and Giganteum, ready now. For sizes and prices see advertisement on front cover page of this issue. Wm. F. Kasting Co., 563-570 Washington Street, Buffalo, N. Y.

Bulbs. Send me 50 cents and I will send you a collection of fine Holland-grown bulbs. M. OSTFELD, 158 East 113th St., New York.

Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Bulbs, seeds, supplies, etc. Wholesale only. American Bulb Co., 178 N. Wabash Ave., Chicago.

CARNATIONS.

Belle Washburn, the new red carnation with an unbeatable record behind it. Winner two years in succession of the American Carnation Society Silver Medals, 1915 and 1916. Also winner of the S. A. F. Silver Medal, 1916, besides numerous first prizes and certificates at various shows in different parts of the country. This is purely a commercial carnation—very bright clear red, large flower, non-splitable calyx, long stem and just as free blooming as Enchantress of which it is a seedling. Prices of rooted cuttings ready for delivery Dec. 15th and later, 25 or less at the rate of \$8.00 per 100. 50 and less than 100 at \$6.00 per 100. Orders of 100, and less than 250, \$5.00 per 100 and orders of 250 or more at the rate of \$4.50 per 1,000. All cuttings guaranteed strictly first class. Bassett & Washburn, 178 N. Wabash Ave., Chicago.

Carnation Superb. Fine new flesh pink. Rooted cuttings, Jan. 1, 1917, delivery, \$10 per 100, \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

Carnations. F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS

CHRYSANTHEMUM STOCK PLANTS.

Fine large plants full of cuttings. Price, \$15.00 per 100; \$2.00 per dozen. We dig all our plants from soil. They are not pulled up.

Varities, in white—Early Frost, Crystal Gem, Oconto, White Chieftain, Wm. Turner. In yellow—Golden Queen, Marigold, Yellow October Frost, Mrs. Morgan, Odessa. In pink—McNiece, Wells' Late Pink, Chieftain.

Special—Bronze Tekonsha, \$5.00 per doz.
BASSETT & WASHBURN.
178 N. Wabash Ave., Chicago.

CHRYSANTHEMUM STOCK PLANTS.

Bonnafton, Egnuehard, Wm. Turner, white and pink Ivory, Robert Halliday, \$4.00 per 100. Cash with order. Subject to prior sale. E. O. LUDWIG FLORAL CO., 710 E. Diamond St., North Side, Pittsburgh, Pa.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Elmer D. Smith & Co., Adrian, Mich.

ALEX GUTTMAN.

Chrysanthemum (Dinda). The best early lavender-pink in the market. Blooms have been selling for \$6.00 per dozen since middle of September. Stock plants, 75c each; \$7.50 per dozen. GUTTMAN & RAYNOR, Inc., Wholesale Florists, 101 W. 28th St., New York, or Frank Dinda, Farmingdale, L. I., N. Y.

CHRYSANTHEMUMS. Good commercial varieties, 2½-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

COLEUS "Defiance." It defies any other coleus for commercial purposes. C. Winterich, Cyclamen Specialist, Defiance, O.

Coleus, Emperor William, 5-in., 25c to 35c each. Poehlmann Bros. Co., Morton Grove, Ill.

CROTONS.

Crotons, 4-in., 40c; 5-in., 60c each. Poehlmann Bros. Co., Morton Grove, Ill.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CYCLAMEN.

CYCLAMEN. Improved Wandsbek type, 4-in., 12c, 15c and 20c; 5-in., 25c, 35c and 50c; 6-in., 60c and 75c. All in bud and elegant condition. Cyclamen seedlings, Wandsbek type, 8 varieties, equally divided, \$4 per 100; \$30 per 1,000. Rocco erecta, new, finest ever introduced. Comes in separate colors, \$5 per 100; \$40 per 1,000. ERNEST ROBER, Wilmette, Ill.

Cyclamen Giganteum. Extra choice plants. For sizes and prices see advertisement elsewhere in this issue. J. A. Peterson & Sons, 3132 McHenry Ave., Westwood, Cincinnati, O.

Cyclamen, for December delivery, 4-in., \$4.20 per doz.; 5-in., \$6 per doz.; 6-in., \$9 per doz.; 7-in., \$12, \$15 and \$18 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN, fine 4-in. stock, giant quality, \$15.00, \$20.00 and \$25.00 per 100. C. Winterich, Cyclamen Specialist, Defiance, O.

Cyclamen. Extra fine Wandsbek type, 4-in., 35c; 5-in., 40c; 6-in., 50c; 7-in., 60c to 75c. Pyfer & Olsem, Wilmette, Ill.

DAHLIAS.

My latest novelty, "The Millionaire," \$10.00 per bulb. A light lavender decorative. A monster; a beauty. It's simply wonderful. My new catalogue tells about it.

GEO. L. STILLMAN,

"Dahlia Specialist."

Originator of "World-Known" Dahlias.
Box A-7. Westerly, R. I.

Dahlias. Best new and standard varieties. Peacock Dahlia Farms, Williamstown Junction, N. J.

DAISIES.

DOUBLE DAISIES. MONTROSE.

The big giant double daisy in pink and white. Plant this giant daisy now. It is very hardy and will bloom early if planted now. Send your order in at once with the cash for strong plants, \$2.50 per 1,000.

GLOBE GREENHOUSES.

Second Ave., Munroe and Garfield St., Denver, Colo.

BEST FLOWERING DAISIES. Chicago White, special strain, 2½-in., \$5.00 per 100; Etiole D'Or (yellow), 2½-in., \$5.00 per 100. Cash, please. A. E. HUNT & CO., 30 E. Randolph St., Chicago.

DEUTZIA.

Deutzia Gracilis, pot grown, very bushy plants, now ready. Splendid forcing stock, 6-in., \$2.60 per doz., \$18 per 100; 8-in., \$3.50 per doz., \$25 per 100. Vaughan's Seed Store, Chicago and New York.

DRACAENAS.

Dracaena fragrans, 4-in., bushy stock, \$3 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

DRACAENA INDIVISA. 5-in., 35c. Harry Heintz, West Toledo, O.

Dracaena Indivisa, 2-in., \$2 per 100, \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

FERNS.

BOSTON FERNS.

	Per doz.
5-inch	\$ 2.40
6-inch	4.20
7-inch	9.00
8-inch	12.00
9-inch	15.00

THE GEORGE WITTBOLD CO.,

737 Buckingham Place, Chicago.

Bostons. Grown by us and are the finest in the west. 3-in., \$1.75 per doz., \$12 per 100; 4-in., \$2.50 per doz., \$20 per 100; 5-in., \$5 per doz., \$40 per 100; 6-in., \$8 per doz., \$60 per 100. Vaughan's Seed Store, Chicago and New York.

Ferns, Teddy Jr., extra fine stock, broad and perfect; 5-in., 35c each; 6-in., 50c each. Boston, fine fresh stock; 5-in., 30c each; 6-in., 50c each. The Storrs & Harrison Co., Painesville, Ohio.

FERNS.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns. Nephrolepis Verona. Splendid fronds, stand up well, 2-in., \$8 per 100, \$72 per 1,000; 3-in., \$12 per 100, \$90 per 1,000. P. S. Randolph & Sons, R. D., Verona, Pa.

TABLE FERNS, best varieties, fine stock, 2-in., \$3 per 100, \$25 per 1,000; 3-in., \$5 per 100, \$40 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Fine Nephrolepis ferns. For varieties and prices see advertisement elsewhere in this issue. F. R. Pierson Co., Tarrytown, N. Y.

Ferns, table, 2½-in., \$3.50 per 100; 3-in., \$8 per 100; holly, 5-in., 25c each. Poehlmann Bros. Co., Morton Grove, Ill.

GERANIUMS.

GERANIUMS. Extra strong, 2-in., S. A. Nutt, Ruby (best dark red), Dagata, Ricard, Red Wing, Vland, Landry, La Favorite, Perkins, Oberlee and Gen. Wayne, \$2.00 per 100; \$18.50 per 1,000. Dr. Wylie, Aviator, Rogers, Frenot, Mrs. E. G. Hill, Dryden, Vincent, Poitevine and Panama, \$3.00 per 100; \$25.00 per 1,000. Send for geranium catalogue. F. H. DE WITT & CO., Wooster, O.

Geraniums. Alpha, Ricard, Beauty Poitevine, Jean Vland, Edmond Blanc and Scarlet Bedder, 2-in., \$2 per 100, \$20 per 1,000; 3-in., \$3 per 100, \$30 per 1,000. S. A. Nutt, Gen. Grant, Mad. Buchner, Mad. Recamier, Jean Oberlee, Abbie Schaffer, E. G. Trego, etc., 2-in., \$2 per 100, \$18.50 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums. Well established two and a quarter inch stock. Top cuttings and no hard wood. Varieties: S. A. Nutt, General Grant, Madame Buchner, Gloire De France, \$3.00 per 100, \$25.00 per 1,000. You will appreciate our good packing.

See our ad for Schizanthus elsewhere in this issue.

STUPPY FLORAL COMPANY, Missouri
St. Joseph

GERANIUM CUTTINGS: Nutt, double Grant, Perkins, Castellane, Vland and Jaulin, \$14.00 per 1,000; Poitevine, \$16.00 per 1,000. HARRY T. MEAD, 1230 Hanover St., Manchester, N. H.

Geraniums, 100,000 in 2 and 2½-in. pots, in 28 varieties, \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, S. A. Nutt and Buchner, \$13.50 per 1,000; Ricard and Poitevine, \$16 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, 2½-inch stock, best varieties, \$20 per 1,000. Pyfer & Olsem, Wilmette, Ill.

GLADIOLI.

Panama Gladioli, California raised, 300,000 bulbs, \$1 per 1,000, 5,000 bulbs, 1½-in., \$25 per 1,000. C. C. Morse & Co., 749 Front St., San Francisco, Calif.

GREENS.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. Caldwell, The Woodsman Co., Evergreen, Ala.

Green sheet moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag; smilax, \$2.50 per case. E. A. Beaven, Evergreen, Ala.

Greens. Choice cases holly, holly wreaths and laurel roping. Write your requirements. H. E. Conwell, Milton, Del.

Southern Wild smilax, \$2.00 per case here. WINTERGREEN GARDENS, Marion, Ala.

HYDRANGEAS.

HYDRANGEA OTAKSA, 3-in., \$5 per 100. Flowering sizes pot-grown, 25c to 50c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

JERUSALEM CHERRIES.

Jerusalem Cherries, 4-in., stocky, \$1 per doz., \$8 per 100. The George Wittbold Co., 737 Buckingham Place, Chicago.

LANTANAS.

LANTANAS, 3-in., yellow and pink, strong plants, \$8 per 100; weeping, 3-in., \$6 per 100; 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

MOONVINES.

Moonvines, Parlor Ivy, Cuphea, Petunias, Salvia, Swainsona, Lemon Verbenas, Alternantheras, 2-in., \$2 per 100; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

NURSERY STOCK.

Write for wholesale price list of ornamental nursery stock. MAYWOOD NURSERY CO., Maywood, Ill.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

PALMS.

KENTIA FORSTERIANA SINGLE PLANTS.

Leaves		Each
6 inch pots	5-6 28 inches high...	\$ 1.25
6 inch pots	6-7 32-34 inches high...	1.50
6 inch pots	6-7 34-36 inches high...	2.00
8 inch tubs	6-7 40-42 inches high...	3.50
8 inch tubs	6-7 42-46 inches high...	4.00
8 inch tubs	6-7 50 inches high...	5.00
9 inch tubs	6-7 52-56 inches high...	7.00
10 inch tubs	6-7 60 inches high...	8.00
10 inch tubs	6-7 60-65 inches high...	12.00
15 inch tubs	6-7 8 feet high...	40.00
15 inch tubs	6-7 9-10 feet high...	50.00

KENTIA BELMOREANA SINGLE PLANTS.

Leaves		Each
2½ inch pots	4 \$1.50 per doz., \$12 per 100	
	ins. high	Per Doz.
4 inch pots	5-6 16-18 45c each...	\$5.00
6 inch pots	5-6 24 each	1.25
6 inch pots	5-6 28 each	1.50
8 inch tubs	5-6 42 each	5.00
Specimen plants, 15 inch tubs, \$75.00 each.		

KENTIA FORSTERIANA MADE UP PLANTS.

Plants		Each
6 inch pots	3 26-28 inches high...	\$ 2.00
7 inch tubs	3 30-32 inches high...	2.50
8 inch tubs	3 38 inches high...	4.00
8 inch tubs	4 48-50 inches high...	5.00
9 inch tubs	4 52 inches high...	6.00
10 inch tubs	4 54 inches high...	8.00
12 inch tubs	4 60-64 inches high...	12.00
12 inch tubs	4 66 inches high...	15.00
15 inch tubs	4 6-6½ ft. high, heavy...	25.00
15 inch tubs	4 75-80 inches high...	30.00

ARECA LUTESCENS.

Plants		Each
6 inch pots	4 bushy, 24-26 inches high...	\$1.25

ASPIDISTRAS.

5 inch pots	10-12 leaves green	1.00
6 inch pots	16-20 leaves green	1.50
5 inch pots	10-12 leaves var.	1.50

POEHLMANN BROS. CO.,

Morton Grove, Illinois.

Palms. Cocos Weddelliana, 2-in., \$1.75 per doz.; \$14 per 100; 3-in., \$2.50 per doz. The George Wittbold Co., 737 Buckingham Place, Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

PALMS.

Kentia Belmoreana, 4-in., 5 leaves, 40c each; 5-in., 5 leaves, \$1.00 each; 6-in., 5 to 6 leaves, \$1.25 each; 6-in., 6 leaves, \$1.50 each. Kentia Forsteriana, 6-in., 5 to 6 leaves, \$1.50; 7-in., 6 leaves, \$2; 7-in., 6 to 7 leaves, \$2.50. Made-up bushy plants, 3 and 4 plants to a tub, 7-in. tub, 36 in. high, \$3.50 each; 8-in. tub, 38 to 40 in. high, \$4.50 each; 8-in. tub, 40 to 44 in. high, \$5 each; 9-in. tub, 54 to 60 in. high, \$8.50 each. The Storrs & Harrison Co., Painesville, Ohio.

LATANIA BARBONICA PALMS, 15-in. tubs, suitable for decorative work, \$5 each. Pandanus Veitchii, 15-in. tubs, \$5 each. HENRY SMITH, Grand Rapids, Mich.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th Sts., Philadelphia, Pa.

Kentia Palms, 4-in., \$40 per 100; 5-in., \$1 each. The Storrs & Harrison Co., Painesville, O.

Palms. Joseph Heacock Co., Wyncote, Pa.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. HENRY SMITH, Grand Rapids, Mich.

Pandanus Veitchii, 4-in., 35c each; 6-in., 75c to \$1 each; 7-in., \$1.25 each; 9-in., \$2.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

PANSIES.

Giant Flowering Pansy seedlings, heavily rooted, 35c per 100; \$2.50 per 1,000. Steele's Private Stock Pansy seedlings, exhibition strain, 50c per 100, \$4.50 per 1,000. Prepared to ship immediately short distances. JOS. H. CUNNINGHAM, Delaware, Ohio.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

Peppers. Bird's-Eye, bushy plants, 4-in., \$12.00 per 100; \$100.00 per 1,000. Peppers, Celestial, 4-in., \$12.00 per 100; \$100.00 per 1,000. Jerusalem Cherry, 4-in., \$12.00 per 100; \$100.00 per 1,000.

PYFER & OLSEM, Wilmette, Ill.

POINSETTIAS.

Poinsettias for Christmas flowering, 5-in., 25c; 6-in., 35c; 8-in., 60c; 9-in., 75c. Made-up, 7-in., 75c; 8-in., \$1 and \$1.25; 9-in., \$1.50 and \$2; 10-in., \$2 and \$2.50. The George Wittbold Co., 737 Buckingham Place, Chicago.

Poinsettias, 6-in., 50c each; 7-in., 75c each; 8-in., \$1 to \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

PRIMULAS.

PRIMULA MALACOIDES.

Extra fine stock.	100	1.000
2-inch	\$3.00	\$27.50
2½-inch	4.00	35.00
3-inch	6.00	50.00

PYFER & OLSEM, Wilmette, Ill.

Primula Obconica. Assorted rich colors, 4-in., \$1.50 per doz.; \$12.00 per 100; \$100 per 1,000. The George Wittbold Co., 737 Buckingham Place, Chicago.

PRIMULAS. Obconica, Chinensis and Malacoides, 2-in. pots at \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

Primulas Malacoides, Chinensis and Obconica, very fine plants, in bloom, 4-in., 10c. Pyfer & Olsem, Wilmette, Ill.

PRIVET.

California Privet, special grade, 12 to 18-in., \$8 per 1,000; 1½ to 2 ft., \$10.50 per 1,000. Cash with order. Also Amour Privet, Polish Privet and Berberis Thunbergii at attractive prices. J. T. Lovett, Little Silver, N. J.

ROSES.

Roses. Extra strong, field-grown climbing roses to bloom for Easter; also hybrid perpetual roses. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Roses. Pot-grown, 2½ and 4-in. Field grown, to pot, 5 to 6-in. The Leedle Floral Co., Springfield, O.

Roses, cannas and shrubbery. The Conard & Jones Co., West Grove, Pa.

SCHIZANTHUS.

SCHIZANTHUS WISETONIENSIS. Nice bushy plants, well established and ready to shift up. Should make nice fives and sixes for March and April sales. Strong 3-in. stock, \$1.00 per 100. You will appreciate our good packing. See our ad for Geraniums elsewhere in this issue.

STUPPY FLORAL COMPANY, Missouri

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10 per 1,000. Asparagus Hatcheri seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seeds. Kentia. New crop, just arrived, Kentia Belmoreana and Forsteriana, Cocos Weddeliana. Write for import prices, stating quantity desired. McHutchison & Co., 95 Chambers St., New York.

Seeds. Asparagus Plumosus Nanus, greenhouse grown, 1,000, \$3.50; 10,000, \$32.50. California grown, 1,000, \$2.50; 10,000, \$22.50. Arthur T. Boddington Co., Inc., 128 Chambers St., New York.

Increase your stock; 1,000 seeds, 50c. 200 Asparagus plumosus, 200 Asparagus Sprengeri, 200 Boston Ivy, 200 Dracaena Indivisa, 100 Pepper tree, 100 Acacia Floribunda. GEORGE LEAVER, P. O. Box 1049, Los Angeles, Calif.

Seed. New crop northern greenhouse grown Asparagus plumosus nanus, 50c per 100 seeds; \$1 per 250 seeds; \$3.50 per 1,000 seeds. Vaughan's Seed Store, Chicago and New York.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, contract growers of cucumber, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, contract growers of pepper; egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds. Bean, cucumbers, muskmelon, watermelon, squash and sweet corn. Michigan-grown radish our specialty. S. M. Isbell & Co., Jackson, Mich.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed. Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers. Pedricktown, N. J.

Seeds, specialties: Lettuce, onion, sweet pea, aster, cosmos, mignonette, verbenas in variety. Waldo Rohmert, Gilroy, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsley, parsnips, turnips. R. & M. Godineau, Angers, France.

Seeds, large growers and shipper of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds. Beet, sweet corn, garden bean, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

Seeds which succeed. Get quotations from Landreth, Bristol, Pa.

SEEDS.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Elliott Sts., Baltimore, Md.

Seed. Flower and vegetable of every description. Barnard's Seed Store, 231-235 W. Madison St., Chicago.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Flower and garden seeds. Sweet Pea and Nasturtium a specialty. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds. Cucumber and Muskmelon. Pure stock, good deliveries and moderate prices. R. H. James, Rocky Ford, Colo.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seed. Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

Seed. High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds. Flower, sweet pea and nasturtiums. The L. D. Waller Seed Co., Guadalupe, Calif.

Seeds. All the leading kinds for summer and fall planting. James Vick's Sons, Rochester, N. Y.

Seed. Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seeds, flower, vegetable and farm. Wholesale only. Kelway's, Langport, England.

Seeds. Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seed. For the wholesale trade only. Brazilian Seed Growers' Company, San Jose, Calif.

Seeds. Onion, lettuce, radish, etc. The Kimberlin Seed Co., Santa Clara, Calif.

Seeds. Pea and bean. Alfred J. Brown Seed Co., Grand Rapids, Mich.

Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

STRAWBERRY PLANTS.

Progressive and Superb, \$5.00 per 1,000. Other varieties as low as \$1.50 per 1,000. Catalog free. L. G. Tingle, Box 170, Pittsville, Md.

SNAPDRAGONS.

Ramsburg Silver Pink Seedling Snapdragon, Garnet and Nelrose. 2½-in. pots ready for 3-in. or to bench, \$2.50 per 100, \$20.00 per 1,000. Cash.

W. A. BALLOU,
Wholesale Grower.

Wheaton, Illinois.

SNAPDRAGONS, the color of Ophelia rose, beautiful pink yellow, took first prize at the 1915 Cleveland show, topped and branched, 2-in., \$3.00 per 100; \$27.50 per 1,000. C. Winterich, Cyclamen Specialist, Defiance, O.

SWAINSONA.

SWAINSONA, 4-in. pots, fine plants, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

VINCAS.

Vinca variegata, 2-in., \$2 per 100; \$20 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

VIOLETS.

VIOLETS. Gov. Herrick. The best of all. Fine field clumps, \$5.00 per 100; \$45.00 per 1,000. C. Winterich, Cyclamen Specialist, Defiance, O.

MISCELLANEOUS.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igce Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Choice landscape, decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., Box 404, Dundee, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

MISCELLANEOUS.

Boiler flues, cleaned and trimmed. Stuttle's clamps and elbows to join flues. H. Munson, 1353 N. Clark St., Chicago.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Japanese miniature gardens, fern dishes, vases, flower pots, jardinières, etc. Nippon Garden, Inc., 259 Fifth Ave., New York.

Daylite glass cleaner, quick and powerful. Will not injure paint or putty; leaves no greasy surface. Andersen Specialty Co., 6 E. Lake St., Chicago.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Norway Spruce for miniature Christmas trees. 2-3 ft., \$15 per 100; 18-24 in., \$12 per 100; 12-18 in., \$10 per 100. Can be shipped at once or later on, up to December 1st. Jackson & Perkins Co., Newark, New York.

Prepared cypress leaves. Best quality, perfect color, very pliable. 100 assorted sizes up to 36 inches long. \$4.80. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Vaughan's perfection points. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Nursery stock of all descriptions. Catalogues and price lists free on application. The Storrs & Harrison Co., Painesville, O.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Catalogues. Large runs our specialty. Write for prices. Regan Printing House, 503 Plymouth Place, Chicago.

Baskets of every description. Write for catalogue. Raedlein Basket Co., 713 Milwaukee Ave., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 1302-1308 West Division street, Chicago.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Boilers of high grade for greenhouses. Write for catalogues. Giblin & Co., Utica, N. Y.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Blooming plants or anything in soft wooded plants. Geo. A. Kuhl, Pekin, Ill.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 95 Chambers St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Hail storm insurance. John G. Esler, Sadle River, N. J.

Glass, large stock and good prices. Sharp, Partridge & Co., Chicago.

MISCELLANEOUS.

Wired toothpicks, 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Greenhouse boilers, Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Everything the best in florists' supplies. H. Bayersdorfer & Co., 1127 Arch St., Philadelphia.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

GREENHOUSE INSURANCE.

Cyclone and hail insurance; also insurance on growing crops while in the fields. The American Mutual Cyclone and Hail Insurance Co., Muncie, Ind.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1000 Masonic Temple, Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 908 Blackhawk St., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabasha Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Pecky Cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction and equipment. King Construction Co., North Tonawanda, N. Y.

INSECTICIDES.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nikoteen, excellent for spraying. Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset flower, vegetable waterproof paper pots. Vaughan's Seed Store, Chicago and New York.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kohr, 2934-36 N. Leavitt St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

POTS AND PANS.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c for 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE. 264 Randolph St., Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

STAKES.

Cane Stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

WIRE WORK.

Florists' wire designs and fancy wire lamp shades. NORTHWESTERN WIRE WORKS, 228 13th Ave., N. E., Minneapolis, Minn.

WHOLESALE CUT FLOWERS.

Amling Co., E. C., Chicago.
Angermueller, Geo. H., St. Louis, Mo.
Badgley & Bishop, Inc., New York.
Bassett & Washburn, Chicago.
Berger Bros., Philadelphia, Pa.
Berning, H. G., St. Louis, Mo.
Budlong, J. A., Chicago.
Chicago Flower Growers' Ass'n., Chicago.
Coan, J. J., New York.
Coyle, James, New York.
Crawbuck Co., George W., New York.
Erne & Klingel, Chicago.
Ford, M. C., New York.
Ford, William P., New York.
Froment, H. E., New York.
Goldstein & Futterman, N. Y.
Gunterberg, M. C., Chicago.
Gutman & Raynor, Inc., New York.
Hart, George B., Rochester, N. Y.
Hentz & Nash, Inc., New York.
Hoerber Bros., Chicago.
Holton & Hunkel Co., Milwaukee, Wis.
House of Ferns, New York.
Kasting Co., Wm. F., Buffalo, N. Y.
Kennicott Bros. Co., Chicago.
Kervan Co., The, New York.
Kessler, Wm. A., New York.
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Totty, Chas. H., Madison, N. J.
Traendly & Schenck, New York.
United Cut Flower Co., New York.
Vaughan, A. L. & Co., Chicago.
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Calling recently at the range of Herman C. Steinhoff, we found a great amount of stock coming forward in fine condition. In the past he has been noted for the bulbous stock which he shipped to the New York market, and for this season he will probably have more than in any previous year. One hundred thousand tulips, narcissi and hyacinths are being rooted and 50,000 lilies are in pots. Bouvardias, pink, white and red, are leading features of this range. In addition there is a variety of plant stocks, heather, hydrangeas, cyclamens and rubbers being noteworthy. He has another range and nursery at West Norwood, N. J., where much stock is grown. Anthony J. Dwyer, who for a time conducted a retail store in Hoboken, has sold it and is again at the Steinhoff range.

Although Oscar Boehler does an extensive business in designing and decorating, he has considerable glass and works it to the limit. The surplus that he grows is sold in the New York market, but he is an extensive buyer of roses and other stock not grown at his range. At present he is bringing forward a large stock of bulbs. Carnations, callas and other stocks are also grown.

W. Gullicksen has a fine store at 130 Summit avenue, "the Junction," and does an extensive business. He has also a considerable glass area at Secaucus, N. J., but buys extensively in the New York market to supply his retail trade. He is one of the very active young florists of this section of the state.

George Giatras makes a specialty of ferns and has brought out several new varieties and has a fine stock on hand. He recently received a shipment of 2,000 rhododendrons, and we have never seen finer stock. Acacias, bottle-brush plants and hydrangeas are also grown.

Rudolph Wittman has been cutting good stock of chrysanthemums and has also a fine stock of bouvardias. He is an extensive grower of bedding plants.

Henry Baughman is erecting a residence for his son, who is now associated with him in the business.

John Birnie is showing good carnations and working up a great stock of bedding plants. A. F. F.

Carlstadt, N. J.

Carlstadt is a near and good neighbor to Rutherford, of which we sometimes write, and has several clever and energetic florists. Emil P. Knorr has a considerable glass area. He is yet a young man, but knows his business and is full of push and vim. He is now about through cutting a very fine stock of chrysanthemums, about the last being a splendid stock of Major Bonnaffon. Though there has been much complaint this fall relating to the low prices on chrysanthemums, he says that he has been well satisfied, which shows that his stock was good. He also grows a great stock of bedding plants.

Fred Luther makes a specialty of designing, though he also grows quite a variety of stock, also doing a seed business. His place is neat and well cared for. A. F. F.



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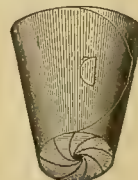
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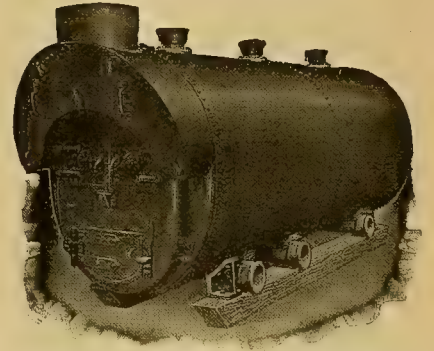
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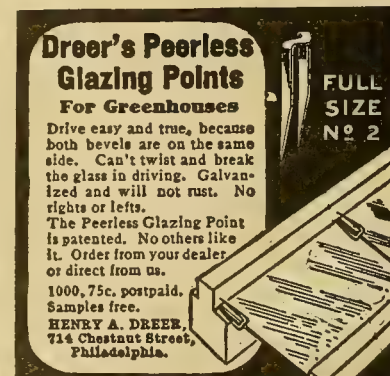


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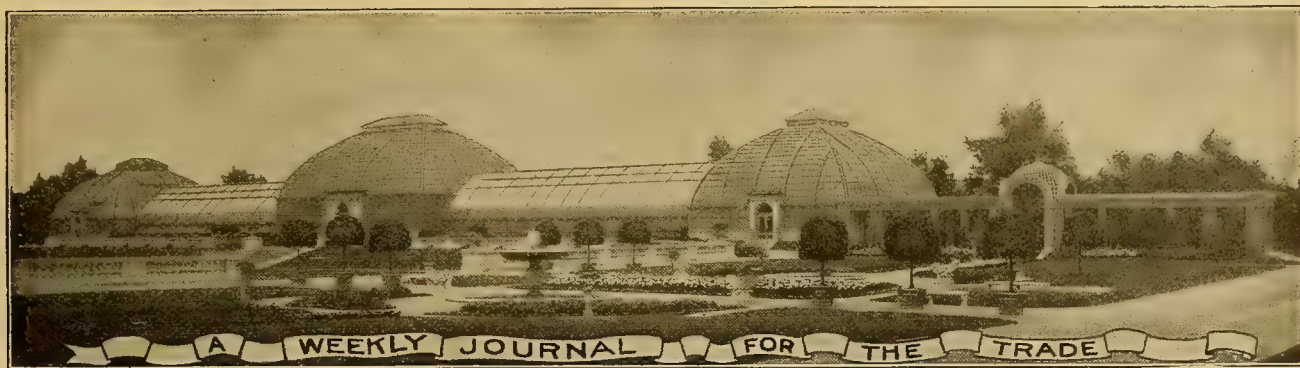
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Vol. XLVII.

CHICAGO AND NEW YORK, DECEMBER 9, 1916.

No. 1488

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Fifth National Flower Show.

The Fifth National Flower Show and the
Thirty-fourth convention of the Society of Amer-
ican Florists will be held at St. Louis, Mo.,
April 6-15, 1918.

The American Florist CHRISTMAS NUMBER

To be issued

NEXT WEEK

Just Right For The

Christmas and Holiday Trade

CHRISTMAS PLANTS.

Plants As Christmas Gifts.

A considerable portion of the holiday business is the sale of plants. "Gifts that will grow" are always attractive, and are made doubly so by the addition of fancy pot covers, jardinières, ribbons and other like artistic touches, features that add much to the appearance at very slight cost.

The foliage varieties are always popular, being so much sturdier than those which are prized for their flowers, and which are so comparatively short-lived. Kentias are always robust looking and saleable. In the various sizes of single specimens and made-up plants, there will be found something to meet all purses. Arecas are not nearly so plentiful, but find favor with many, as does the graceful and very hardy Phoenix Roebelenii. Well shaped aspidistras, if the leaves are kept rubbed up, have a record for longevity that appeals to many and are good stock to carry. A well grown ficus is sure to be asked for; the comparatively newer sorts, pandurata, utilis and altissima, if foliage is kept lustrously clean, will hold their own with any other plants in the shop. Dracenas of the bold type—fragnans and Massangeana—always look good for the money, while the color effect of terminalis and others of this sort makes them very desirable. Nothing is more gorgeous than a well colored croton. Made-up pots and tubs are now offered in a luxurious harlequin of colors that are very striking. The araucaria, beautiful in itself and appropriate on account of its resemblance to a fir tree, is essentially a Christmas plant and they will be found good sellers.

Probably more ferns are sold at Christmas than any other season, particularly of the Boston and its sports. It seems as if it would be impossible now to run a shop without a stock of this remarkable family. The Teddy, Jr., and the Scottii seem to hold the lead with the old Boston always hovering near. Elegantissima and E. compacta, Scholzei, tedeoides and John Wanamaker lead the tasseled sorts,

while every locality appears to have a sport of its own. They are all splendid stock, and always sell to good advantage. The cibotium, with its light, feathery fronds, and the bird's nest fern, two extreme types, are both necessary for every collection. Pandanus Veitchii gives life and variety to any group and makes a handsome single specimen.

In the flowering class, the gay poinsettia is easily first. Few are now sold as single plants, being for the most part offered in low pans of from five to 10 plants, set off with ferns or asparagus, or in combinations of three or more taller plants, with asparagus, whose sprays thicken up and cover the rather naked stalks of the poinsettia, which soon drops its lower leaves.

The azalea, with its showy flowers and buds of promise, can now be flowered as well at Christmas as at Easter. Mme. Petrick and Vervaeana are the best early sorts; as offered by the leading growers, they leave nothing to be desired.

Christmas is the season of the cyclamens; they are one of the most satisfactory blooming house plants. Most growers now appear to know how to handle this rather difficult plant and splendidly flowered stock is seen in all the large centers.

Begonia Cinnamomi appears now to have the call in this class of wonderfully beautiful holiday plants; although fragile to a degree, they are yet with their clouds of lovely pink blossoms, much in demand, and for the day as attractive, or more so, than anything else in the shop.

Heather is a classy addition that finds discriminating buyers. When ribboned up, they attract much attention.

Plants, whose chief attraction is their fruit, generally meet with favor. Jerusalem cherries, while they do not hold their berries very long in the house, are brilliant with their branches of red berries and have the advantage of a low price. Many customers, whose limit is from one to two dollars, find them just the thing.

The ardisia has a lot of friends, with its compact, glossy foliage and tiers of brilliant red berries, which will sometimes hold into the second season. It is sure of a place.

When the aucuba is well set and the berries color up in time, it is a most ornamental and useful plant. Sprays cut from odd shaped plants, about to be left over, have been turned into splendid value in table decorations and other places where such material could be used.

The Otaheite orange, when well fruited, fairly walks away; there are generally orders on the file for these before the stock arrives. No grower who does these well ever has enough for his customers.

Quite a business can be done in jardinières and pot covers if some of the choice things are displayed in these receptacles. A bow of ribbon, tied around a plain pot cover, changes it at once into something noticeable and attractive. A chip mat, tied around a pot, with a cord or ribbon, all of a color to produce the best effect, may sell a plant that has stood for a time because of a rather naked stem. A nice red bow of silk ribbon (always silk) will give a touch of seasonable color to foliage plants that is well worth while.

Plant Baskets and Combinations.

Combination baskets of flowering and foliage plants have of late years become a standard feature of the holiday offering. As far as possible, each succeeding season's stock must show originality and variety. The supply men are alert—theirs is a business in which novelty is the leading feature. "What have you got new?" is the first question put to their traveling men, to be answered by the proud salesman with a line of photos or samples and a description that proclaim them the finest ever. New shapes, new colors, new materials, fancy duo-tone colorings, broad contrasting stripes and raised flower garland effects are now seen in all the stocks. Roomy baskets, with skeleton frame work, through which the fancy colored inside tin shows plainly, are now very popular, and while good looking, are less expensive than the more closely woven. Oblong baskets, with high handles at each end, are very effective. These have much the appearance of a pan. When filled with cyclamens of one color and a fringe of maidenhair, or the smaller plants of the Glory fern, and tied with a choice ribbon, they are especially attractive. They can be made up for the final rush with defective or smaller plants, which, when arranged together with the ferns, leave nothing to be desired. Short poinsettias also work up very well in these low baskets, whether oval or round. They are also very suitable for begonias. With poinsettias, or in fact all work of this character, it is much better to have it filled at the greenhouse the week before. Many growers now offer such made-up stock, but if special baskets, filled in certain combinations, are desired, it is best to make arrangements with the greenhouse man to get together the various plants required, fill the tins, which are cared for and delivered as required. Low pans and baskets of poinsettias are much improved with the addition of maidenhair ferns from three or four-inch pots; if

these plants are short and bushy, they can be made to go further by cutting the root ball in two or three parts from the bottom up to within half an inch of the top. They will then divide much better than by tearing them apart. Each clump makes a separate plant that can be used without further disturbance of the roots. Asparagus plumosus is much used, but does not give the same finish as the maidenhair.

For the larger baskets, there is a great variety. Kentias, arecas and coconuts, of various sizes, together with dracaenas of the terminalis type, Sanderiana, and the very valuable Keleriana, with its white speckled and dotted branching foliage, are especially suited for this purpose. Small Pandanus Veitchii, high colored crotons, peperomias and all the dwarfier forms of the Boston fern family, particularly Smithii, are useful. Several varieties of maranta, while a trifle expensive, give a finish that is worth the cost. The bird's nest fern also makes a striking feature. Poinsettias, flowering begonias and cyclamens in these baskets will sell many a combination that would stand still without their life-giving coloring. Small azaleas are also useful.

For the higher class baskets, Otaheite oranges, well flowered heather and ardisias, add greatly to the appearance and are considered indispensable when certain color and other artistic effects are desired. The final finish is given by the ribbon bow, butterfly birdsticks, and other adornments, which are more or less necessary, being the fads of the present day.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia. Pa.

Thanksgiving in New York Stores.

Appropriately, the chrysanthemums were very prominent at Thanksgiving. Though some of the best varieties had passed, there was fine stock to be seen. The Chadwicks, Eatons, Bonnafons, Glenview and other varieties gave much color to the show windows. Indian Summer, a sport of Golden Chadwick, and of a yellowish bronze shade, is a large and attractive flower and large bunches of it made a fine display in several stores. A narrow band, darker than the main body of the flower, encircles it near the base and gives it a novel appearance. The pompons, both cut and in pots, were everywhere prominent. The causes and reasons for a tremendous jump in the wholesale prices of cut flowers, November 28, will be elsewhere noted; it is here mentioned to show that plants came to the front probably as they never did before at Thanksgiving.

Nothing, unless it may have been a particularly sad or a particularly joyous event that happened a year ago, is quite as vivid in our memories as what happened this year, but we think the flowering plants were better this year than ever before, at a Thanksgiving. None were more noteworthy than the Begonia Mrs. Peterson. It seems to have thrown the older varieties entirely in the shade. The rich bronze foliage is in striking contrast to the sickly appearing green, sometimes noted in the older varieties. Thou-



**The Real Spirit
of Thanksgiving
Is Expressed Best Thru
FLOWERS**

*Be thankful that you have many loved ones
dear to you that you can remember this year.*

*Think how they would appreciate a nice
house plant or a box of*

WALKER'S BEAUTIFUL FLOWERS

to brighten their home on this great day of Thanksgiving.
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THANKSGIVING ADVERTISEMENT OF F. WALKER & CO., LOUISVILLE, KY.

In Local Newspaper.



O. J. FRIEDMAN'S STORE, CONGRESS HOTEL, CHICAGO, NOVEMBER, 1916.

sands of plants of this variety, well flowered, were seen in the various retail stores; in fact, but few stores were without them. Their best effects were shown in hanging baskets in the show windows. The cyclamens, usually a popular plant, were seen in numbers and in good bloom. There were also fine specimen poinsettias. Solanums (Jerusalem cherries), Celestial peppers, Otaheite oranges, a great variety of pompon and single chrysanthemums, and a sprinkling of azaleas were also seen. In foliage plants, ferns and heathers, crotons, Pandanus Veitchii, dracenas and other plants were noted.

The bowls filled with short cut flowers were features in a number of stores. Were it not for offending some aesthetic taste, we would call some of them platters, others saucers. This form of decoration has never greatly impressed us, but this is meant for a record of what we have seen, and not exclusively what pleases us. Some of those receptacles are too large, others are of grotesque shapes, but there is a happy medium where they are truly pleasing.

In a number of stores, the Japanese miniature gardens and dwarf plants were pleasing features and they seem to have reached the stage where they can be called a vogue. Patience and ingenuity appeal to the average mind, and there is a touch of both in these plants and gardens. These enduring qualities are also features not to be overlooked.

There was a time, in the lives of the pioneers, when "Bro. Turk" was a necessity, but from that he rose to be a luxury; and now he has risen even higher and become a decorative feature. This, of course, is in a figurative sense, for those seen in the shop windows are not real turkeys, but they are mighty good imitations. These imitation turkeys, mostly gobblers, are made in various sizes. At the store of the Dennison Manufacturing Co., Fifth avenue and 26th Street, we have noticed imitations of full grown gobblers and hens, but most of those used by the florists are in sizes corresponding to the stages of a chicken's growth, but made up as gobblers. On the back there is a receptacle for short cut flowers.

At the store of E. J. Hession, 984 Madison avenue, we noticed fine window decorations. This store has two large show windows. In one there was a grand display of the chrysanthemums, Indian Summer and other good varieties; also, a variety of orchids; in the other a number of hanging baskets of the begonia, Mrs. Peterson. The store was otherwise well stocked with flowering and foliage plants, which are handled to good advantage, as there is a large conservatory in the rear; or to be exact, the store is built in the form of a conservatory, with two houses of considerable dimensions in the rear. He also handled a fine stock of carnations, grown at the Hession range in Flatbush.

At the store of Herman Warendorff, in the Ansonia hotel, there were a number of pleasing features. Numbers of the begonia, Mrs. Peterson, were noticed, with other good plants. Handle baskets, filled with large red apples, were in the show windows, the handles being decorated with small apples and red winter berries and ribbon.

Malandre Brothers, Broadway and 72d street, had turkey decorations, previously described, and also a fine stock of plants, chrysanthemums and other cut flowers.

At A. Ehrmann's, 2112 Broadway, a great variety of flower bowls is always kept in stock, and many of these were handsomely filled and arranged. As usual, there was a good stock of standard varieties of plants and cut flowers.

At the store of David Clarke's Sons, 2139 Broadway, there was a very excellent stock of cut flowers and plants and business continued good from the first of the week. This store has a fine family trade.

The Astoria Florist (M. Vlachos), 2188 Broadway, had fine features in plants; Otaheite oranges, cyclamens and hanging baskets of the begonia, Mrs. Peterson, being noteworthy.

Pappas Brothers, 2216 Broadway, had good features in plants; also in cut flowers, baskets of roses, sweet peas and calendulas.

Charles H. Brown, 2366 Broadway, always has an attractive store. The

large cibotium in his show window is in itself a decoration. In plants, he had good begonias, solanums and azaleas.

A public market is a good place to sell flowers and plants at a holiday season. In the Astor market, Broadway and 95th street, the United Floral Co. has large space which they utilized to good advantage with flowering and foliage plants.

P. Velotas, 2445 Broadway, was well stocked with a variety of plants and also had a good business in cut flowers.

Although D. J. Pappas is now in the wholesale business, the store at Broadway and 106th street still bears his name and is conducted by a capable man. Many fine plants were noticed, such as heathers, begonias, cyclamens and crotons.

The Cathedral Florist (Pappageles), 2840 Broadway, had a fine stock of cut flowers and plants, noteworthy among the latter being Pandanus Veitchii.

Christatos & Koster, 717 Madison avenue, had many good features, noteworthy being their Japanese miniature gardens.

G. E. M. Stumpp, Fifth avenue and 58th street, usually has the best the market affords and was not behind for Thanksgiving. Exceptionally fine Otaheite oranges, poinsettias, begonias and other plants were noticed. He also carries a very attractive stock of vases, baskets, bowls and various decorative features.

At the C. A. Dards store, Madison avenue and 44th street, clever window arrangement was noticed in heather, poinsettias, crotons, bougainvilleas, cibotiums and other ferns. Pompon chrysanthemums were very tastefully arranged. Manager Perry stated that business was good.

Ralph Armstrong, Madison avenue and 47th street, had very clever features in baskets of begonias, orchids, roses and pansies.

There is a fine display at Alexander McConnell's, Fifth avenue and 49th street, all the year round, but when a holiday arrives they always add new features. There was an exceptionally fine display of poinsettias and many other plants, with an exceptionally fine stock of cut flowers.

Alfred Kottmiller, 426 Madison avenue, had his store finely decorated during the past summer and added new and pleasing features, one being a miniature fountain. For Thanksgiving he had hanging baskets of begonias and other fine pot plants.

Ferdinand Fleischman, Inc., Fifth avenue and 42d street, always has an attractive store, and takes pride in dressing it up for the holidays. He had a splendid lot of well colored poinsettias and tall and well fruited plants of Otaheite oranges, with many other good features.

Hugo Jahn, Nostrand avenue and Prospect place, Brooklyn, keeps a fine store and his Thanksgiving features were attractive. His window was finely arranged, a good stock of Adiantum Farleyense being reinforced by foliage and flowering plants.

The Callas Brothers, 656 Nostrand avenue, Brooklyn, have recently taken the second story, over their original store, which also has fine show windows. They have fitted it up in good shape and put in a large stock of palms and other foliage plants, thus having two stories, which make a fine

display. For Thanksgiving they added an extra stock of fine cut flowers.

William Mallon, Fulton street and Lafayette avenue, Brooklyn, has a store finely arranged for display which was utilized to the fullest extent.

A. F. F.

Thanksgiving in Chicago Retail Stores.

The Thanksgiving trade was very good, according to the majority of the local florists, who disposed of practically all the stock they had to offer at satisfactory prices. The demand started in very late this year but there was a whirlwind finish and what at first appeared to be one of the poorest Thanksgivings turned out to be one of the best in years and helped considerably in offsetting the poor sales during the early part of November. Stock of all kinds sold well, especially colored flowers, there being very little demand for white only where funeral orders were booked. Pompons sold surprisingly well and there was a good demand for pink and yellow chrysanthemums. Roses, especially American Beauty, Mrs. Chas. Russell, Milady, Richmond, Hadley, Rhea Reid and Hoosier Beauty, sold quickly and so did Opheelia and the other newer varieties. Orchids, lily of the valley, sweet peas, violets and gardenias were in brisk demand and in short supply. Freesias, Paper White narcissus and some Mrs. Francis King gladioli, were to be had and sold well. Cyclamens, begonias and azaleas had a good call and sold out early. Prices were much higher than last year, and, taking everything

into consideration, everyone is more than satisfied with the Thanksgiving trade, which, from every point, was the most satisfactory in years.

Salzer Seed Co.'s Thanksgiving Publicity.

In a recent issue of the La Crosse, Wis., Tribune a splendidly illustrated full page advertisement of the greenhouse department of the John A. Salzer Seed Co. of that city, presented a forceful reminder of the appropriateness of flowers in the observance of Thanksgiving. In another section of the same edition, several illustrations of the company's extensive plant were shown, together with an interesting account of the rapid growth of the business from a modest beginning in 1866 to its present enviable position in the seed trade.

Jones-Russell Co. Adds Floor Space.

The Jones-Russell Co., 1284-1300 Euclid avenue, Cleveland, O., has solved a problem which confronts many florists located in the high-rent districts of large cities, where floor space is limited. This firm's store proper is located on a triangular shaped corner, which, though offering opportunity for fine window displays on three streets, left limited space for the conduct of its business, the display of a handsome line of baskets, of which they make a specialty, together with the extensive line of novelties usually carried by all first-class florists. Underneath this store, however, is an unusually large basement extending to the curb of the street on three sides (and the Euclid avenue



CHICAGO FLORAL ART AND NOVELTY SHOW.
Basket of Chrysanthemums and Orchids by John Mangel

sidewalks are exceptionally wide), which is now being utilized for offices, large store-rooms, a work-room, where funeral designs and similar orders are filled and a basket-making room, a wide ornamental stairway connecting with the main floor store, which is now used as a salesroom exclusively.

The basement addition, which adds about three times the original floor space, presents a very attractive appearance. The room is well lighted,

WITH THE GROWERS

Poehlmann Bros. Co., Morton Grove, Ill.

It looks very Christmassy at the "Plant A" section of this wonderful cutflower and plant growing establishment, at Morton Grove, 14 miles from Chicago. A few years ago the ranges now occupied by palms, ferns and other foliage and flowering pot plants were filled with carnations.



CHRISTMAS BEGONIAS AT POEHLMANN BROS. CO., MORTON GROVE, ILL.

comfortable easy chairs give it a homey look, while displayed on stands, tables and on the walls are baskets, novelties, etc. The company is well pleased with the new arrangement and claims it is giving the best possible return for the investment. C. F. B.

Greenhouse Heating by Wood Stove.

ED. AMERICAN FLORIST:

Would it be advisable to use a wood stove in a little greenhouse 10x20 feet, running the stove pipe under one of the benches? I use the house for geraniums and other summer bedding plants.

Michigan.

C. B.

Very good results may be obtained in heating greenhouses, even larger than the one described, with wood stoves. However, it will be found much more satisfactory, and the care needed will be greatly reduced, if a hot water system is put in.

There are on the market several inexpensive hot water heaters, and for the house described, a heater rated for 80 to 100 square feet of radiation will be amply large. In the way of heating surface, it will only be necessary to run a 1½-inch flow pipe on each side-wall and connect each of them with two 1½-inch returns underneath. L. R. T.

MONTGOMERY, ALA.—A. M. & A. T. Spies have leased the Morning View Greenhouses.

PAULDING, O.—Mr. and Mrs. L. E. Hawkins of this city celebrated their golden wedding Monday, December 4. Mrs. Hawkins is 73 years of age and the genial florist is 86 years young. Mr. and Mrs. Hawkins are well known in this vicinity and received many valuable tokens from their many friends in honor of the occasion, including a beautiful shipment of cut flowers from Bassett & Washburn, Chicago.

A constant demand for foliage and flowering plants by their customers, much of which stock had to be brought from eastern centers, induced the company to add this new department, and it now carries everything in plants and flowers, particularly such stock as is sold in the stores who depend on them for cut flowers. This department has grown very rapidly, more space having to be added each year. Although grown in large quantities, the quality is vigorously maintained; cyclamens are just as fine here as with a specialist, because men with special training have charge; plants in six-inch pots with 12 to 14 flowers are plentiful, the foliage is well marked and hard. The entire stock, filling two large houses, has all been sold, most of it for holiday delivery. The plants ranged in size from four to eight-inch pots, the

six to eight inch sizes being the short azalea pots. Two large houses were filled with Begonias Cinnamati and Mrs. J. A. Peterson, all very full of bloom. Poinsettias were a feature; a good stock from three-inch pots up to large made-up pans, ferns and asparagus were added in the larger sizes. Thousands of azaleas were commencing to show color—Vervaeanea, Simon Mardner and Mme. Petrick were the varieties. They have carried very well. Already many orders have been taken for this stock, and Thos. Conlon, foreman of the plant department, is to be congratulated upon the excellent condition of all the stock.

The various palm ranges hold a great variety of stock in all sizes. H. M. Oeser, the foreman in this department, says the trade is growing so fast that they appear never to have enough of a size to meet the demand. Big blocks of the larger sized kentias are imported, while house after house is filled with plants from two-inch pots on up to four and six-inch, in the endeavor to grow all sizes here. One hundred and twenty bushels of kentia seed in the two varieties was sown last year. One hundred thousand areca seed was last season's planting. This palm is hard to get up, as the seed is apt to arrive in bad condition, if not handled carefully at every stage from gathering to delivery. All areca seed is planted in two-inch palm pots, four seeds together, which are grown on as one plant, finally making a beautiful specimen. Nearly 4,000 Phoenix Roebelii have an added value from the fact that no seed arrived last year, nor is there any for this season. Livistonia rotundifolia is a feature, there being 10,000 of this scarce palm. Probably the largest stock of Pandanus Veitchii in the country is seen here; several large houses in various sizes are filled with this useful—decorative plant. Dracenas in variety are also a feature. Crotons have a house and will soon be one of their quantity plants.

Ferns, so necessary for the retail trade, are largely grown; a range of houses is filled with stock, planted out for runners and to grow on. There are also blocks of the finished product, which find a ready sale. The value of the Cibotium is recognized here in a house full; it is difficult to get a stock of large plants, because of the demand, which is so constant for this great fern. The Glory fern and Far-



CYCLAMENS AT POEHLMANN BROS. CO., MORTON GROVE, ILL.

leyense, the former planted out for cutting, have a generous space. White *Adiantum hybridum* and California are grown in pots for fronds. Two-inch table ferns are seen in large numbers. The fern and orchid section are in charge of A. K. Anderson, who is an orchid enthusiast. A recent importation of *phalaenopsis* direct from the Philippines, had suffered considerably on the trip, but was recovering nicely under his care. There were about 3,000 plants in this lot.

A section of six 125-foot houses were filled with cattleyas. *Trianae* is full of buds that will furnish a good crop for the holidays.

An interesting feature was *Gigan-teum* lilies just planted for Easter—40,000 in a block that filled several houses. These were all in six-inch pots, the bulb set in the bottom on an inch of soil, with just enough additional to cover it, filling about one-third of the pot. When later, the shoot is well above the rim, another third of soil is added, when about a foot in height, the filling is completed. The extra work entailed is more than repaid by the results. There is never too much water. The stem sends out roots to the surface of the soil, which in addition to those of the bulb, are a great addition to the plant.

Chrysanthemums are the crop before the lilies. They are grown like everything else here, in quantity; 17,000 of *Bonnaillon* gives an idea. A table of short stock *Bonnaillon*, planted as late as July 20, were just right for Thanksgiving. A lot of late pompons in narrow boxes, to fit side by side across tables, were grown outside and brought in just before frost, taking the place of Boston ferns that had just been lifted. Two long propagating tables were filled with many thousands of *chrysanthemum* cuttings. *Stevia* is also grown in boxes outside and fills the space when the early *chrysanthemums* are cut out. Sweet peas also follow the early *chrysanthemums*, several large houses being planted to them, from which the first flowers were expected the middle of January. White cotton strings, six inches apart, running to a height of six feet, criss-crossed either side of a row, formed a double lattice to support the vines.

One might fill a book with the many features that presented themselves on every side. Each section foreman is a specialist in his line. Tony Gabel is the efficient man in charge of carnations and *chrysanthemums*. There are something over 200,000 carnations. Leading varieties were: White Wonder, White Perfection and Matchless, white; Mrs. Ward, Akehurst and Enchantress, pink, and Beacon, red. Akehurst was not thought free enough and Matchless became blotched with pink in late winter and spring, but sold just as well. Enchantress was still one of the best. A new pink snapdragon, called Janesville, a short grower, but a fine color and very free, with spikes 24 inches in length was their best variety.

In plant B, the Killarney range, 13 houses each 30x250, ridge and furrow plan contained 50,000 Killarneys, three houses of White, four of Brilliant, and six of Pink; they were all being groomed for the holidays. The American Beauty range of nine houses, 500 feet in length, seemed ready for a record holiday crop. The plants, grown on cement tables about a foot from the ground, were strong and vigorous, with a wealth of heavy dark

green foliage, topped with a fine showing of the much desired buds. A section of plant "A," a large range, was filled with Russell, which was carrying a lot of flowers and looked very promising. Plant C, devoted entirely to roses, is worth another day. No one interested in the business, can visit this wonderful establishment without getting much valuable information and an inspiration that will awaken a new life and interest in his work.

J. A. Budlong, Chicago.

There is something over 250,000 feet of glass in this establishment, all planted with roses, with the exception of *chrysanthemums*, which fill the propagating houses during the summer and fall. The treatment of the stock here is somewhat different from that of other growers, in that the plants are given a higher temperature and watered much more frequently. Albert Collatz, the foreman, who seems to know every little wrinkle in rose growing, but who is still experimenting, holds that many growers water too sparingly. Some beds were pointed out that had been flooded with water four days in succession, well syringed the fifth, and had another copious watering the next day. Asked about black spot, he said it did not worry them—a double dosing of water and a trifle higher temperature soon fixed the spot. Dull days made no difference in watering or syringing; it was always cloudy when it rained and they watered or syringed whenever they thought it necessary, regardless of the weather. The houses are all built on the ridge and furrow plan; one block of seven houses, 47x200 feet; one of nine houses, 47x300 feet, and one of nine houses, 20x300 feet, all heated by eight boilers of 160-horse power each. The stock was planted, some in ground beds and others grown on low benches, about 12 inches from the ground. Table bottoms had spaces between the boards to allow drainage; a layer of cinders prevents soil from coming through.

in some ranges a half crop had been taken, the balance coming on for the holiday trade. All the plants looked strong and vigorous, in splendid condition for the winter campaign. Quite a number of the houses had been kept straight on without rest for two and in some cases three years, and appeared to do equally as well as those which were cut back and rested. In pruning some varieties, the practice is to leave all bottom wood, cutting the plants back to about 18 inches with hedge shears, the lower leaves developed being a great addition to the strength of the plant.

Grafted stock here gave more flowers, when forced, than own root. Some varieties did not take well to the stock. Sunburst would often jump or break off at the junction. Russell is a winner with them—as good as any rose they had. Milady is also a good one and Lady Alice Stanley looked very promising, although all varieties appeared to be at their best.

Interesting experiments with manures and some beds entirely without stimulants were seen side by side, with but little apparent difference. The Russell, however, appeared much happier under well fed conditions, the starved section looking very hungry. Lily of the valley is forced in quantity. Some pips, the last of a lot two years old, were producing fair flowers.

Frank Oechsli, Chicago.

A splendid line of flowering and foliage plants is to be seen in quantity at the establishment of Frank Oechsli, 4711 West Quincy street, his range extending to Jackson boulevard and from Forty-seventh to Forty-ninth avenues, where 85,000 feet of glass is filled at all times with choice, seasonable stock. A large section of this range contains *kentias* in various sizes; also *Dracenas* *Massangeana* and *fragrans* in from six to eight-inch pots, a very even lot of vigorous growth, with the *Massangeana* showing splendid color. A lot in tubs on pedestals were fine specimens. *Aspidistras* are handled in quantities and several houses of *Scottii* and ele-



PANDANUS VEITCHII AT POEHLMANN BROS. CO., MORTON GROVE, ILL.

The varieties grown in quantity are: Killarney Brilliant, 16,000; White Killarney, 22,000; Pink Killarney, 8,000; Russell, 37,000; Ophelia, 24,000; Sunburst, 12,000; Milady, 5,000; Lady Alice Stanley, 2,600, and Hoosier Beauty, 3,000—about 131,000 plants in all. The stock was in various productive stages;

gantissima are being finished on a skeleton board staging just above the benches.

Ficus is grown here in quantity, old *elastica* being favored; this variety is grown outside during summer, they were very robust looking. Single and branched plants. *Araucaria robusta*,

quite a block of plants, were done well. Table ferns for dishes, mostly two-inch stock, filled several houses. Mossed baskets of *Asparagus Sprengeri* and *plumosus*, also earthenware hanging baskets filled with *tradescantia* in assorted variegations, appeared very saleable.

Several houses, recently filled with pot chrysanthemums, now hold azaleas, some for Christmas and others for later delivery. Poinsettias, cyclamens

An additional range of 40,000 feet is now established at Twenty-second street and Seventy-second avenue, about four miles farther out. This is filled with cyclamens and a large stock of ferns of the Boston types, which are always in demand. His handsome residence on Jackson boulevard, adjoining the greenhouse, has a good sized lawn, well planted with shrubbery. An elaborate rock garden is also a feature.

of his stock for Christmas. He was always successful with ericas or heather, but as good wine improves with age, so does he; therefore, we think his ericas are, if there is any difference, a little better than ever before. There is a great and wonderfully well fruited and ripened stock of solanums or Jerusalem cherries. Otaheite orange are prominent. Azaleas, cyclamens, daisies, dracenas, camelias and ferns are all well represented, and there are many other varieties of plants. He forces great quantities of lily of the valley, and the lilies, *Formosum* and *rubrum*. Florists visiting New York in search of Christmas plants should take the Long Island railroad at the Pennsylvania terminal, with a ticket for College Point. Just across the tracks from the College Point station, there is a large range—that's Schultheis'.

Hill's Window Box Evergreens.

The outside, winter decoration of the city or suburban dwelling with hardy ornamental evergreens is rapidly becoming the custom in all the large cities. Boxes are fitted to the windows and balconies, and filled with dwarf or young stock of the proper size for the location.

Evergreens in selected single specimens, planted in terra cotta or vitrified clay pots or vases, make very acceptable ornaments for the stoop and in the vestibule. There are other vantage points as on the landings and along the steps leading up to some of the large residences. Porch boxes, which are such a feature of the summer decorations, are filled with the hardy evergreens and add much in their decorative appearance.

Hotels now consider these evergreens as an important part of their winter decoration, so that every available window ledge is fitted with boxes to conform to the architectural appearance of the building and filled with the varieties that will make the best appearance. The large clubs have also adopted this form of beautifying their structures, all of which features, collectively, add much to the appearance of the city.



PRIMULA OBCONICA AT FRANK OECHSLIN'S, CHICAGO.

and primulas are largely grown. Thousands of poinsettias in various sizes, from three-inch pots up to large made-up pans, filled several houses, all quality stock, leaved to the soil.

Several houses are devoted to cyclamens, set for the most part on a skeleton staging over the benches, which admits of more light and air. The bench proper was then filled with freshly potted Easter lilies, which double use of space is a feature with Mr. Oechslin, there being a number of sub-benches or shelves wherever it was possible to place them. The cyclamen were very strong and vigorous, well set with buds. They are grown inside all summer.

Primula obconica, select strains, occupied two houses—timed to be just right for the holidays. A house of celestial peppers, were full of their red and bluish green pods—a good Christmas plant. A large frame outside held Jerusalem cherries. There was also a house of *Begonia Cincinnati* in fine color.

Mr. Oechslin, who imports considerable stock from Europe, had, in common with others, great difficulty in getting much of it through—some things had carried well, while others had arrived somewhat damaged. He is a great economist and keeps a close rotation of plants in all the houses. Immediately after Easter, a large line of bedding plants as far forward as possible, fill the space. Ferns, cyclamens and other plants are brought along when the bedding stock is sold. In the foliage plant range, young stock is always waiting to be shifted on as soon as the finished plants are moved. Several large auto trucks are required for deliveries to keep up with the quick service now demanded.

Anton Schultheis, College Point, N. Y.

Anton Schultheis always has something interesting to show visitors, as with particular reference to plant growing, he is "a fellow of infinite variety." He has had a great stock of chrysanthemums in pots, but they were well cleaned out for Thanksgiving, and his next big drive is for Christmas. As usual, his stock of Christmas plants is very fine and orders are already coming in. He has a particularly fine stock of poinsettias, some of which were sold at Thanksgiving, but he managed to keep a part



POINSETTIAS AT FRANK OECHSLIN'S, CHICAGO.

The D. Hill Nursery Co., Inc., Dundee, Ill., whose nursery was established over 50 years ago, and who grow the largest collection of hardy evergreens in this country, have of late years devoted their attention to the selection of the varieties that are best suited for window boxes, urns and vases.

There are types of all the evergreens in the various species that assume a compact, dwarf symmetrical growth; such stock is especially fitted for this work. Norway spruce, Austrian pine, Mugho pine, white pine, American arbor vitae and boxwood, are all available, and by reason of their short, bushy growth, may be worked into any decorative scheme.

There are a number of ways of filling boxes. Placed closely together, all of the same height, gives a hedge-like appearance; high at the ends and low in the center, affords with a little clipping, a graceful curved effect. A standard box tree, with its ball-like head coming up to the height of the ends and placed in the center of this curved box line, gives a very pretty affect. High trimmed plants at the ends, with a lower compact line straight across between, present a good appearance. Each alternate plant, six inches higher than the others, and all trimmed square, make an attractive box. Each tree planted so as to show its individuality is another plan, while some bushy stock, such as boxwood, can be trimmed or squared to cubes, standing two inches apart, which are well suited for some locations. A box filled with a number of varieties, gives a shaded color effect that is quite attractive.

Junipers in variety, yews, arbor vitae, hemlock and Norway spruce, are all good as individual specimens, which add very much as decorative features on door steps, in vestibules and other like situations.

A feature at the Hill nursery is Norway spruce, two to three feet, very shapely plants, which are largely used by florists to be potted up and sold as Christmas trees for decoration or for table use. These and all specimen evergreens are delivered in green tubs or with roots covered with burlap, as desired.

K.

St. Louis.

THANKSGIVING BUSINESS GOOD.

The wholesale and retail business during the past week was better than expected by all concerned. Thanksgiving day cleaned up the entire market. Bonnaffons, white and yellow; Chadwick, white and yellow; Eatons, Niagara and pink varieties, sold at prices ranging from \$10 to \$25 per 100. The market was well supplied with Bonnaffons, but the larger varieties were a little scarce, the demand exceeding the supply. Roses were scarce. This can be especially said about American Beauty and Mrs. Chas. Russell. Long stem American Beauties sold at \$5 per dozen, shorter stemmed at \$4, \$3 and \$2. Russells brought from \$8 to \$20 per 100. Ophelia, Killarneys and other varieties of hybrid tea roses were from \$4 to \$12.50 per 100. The supply of carnations was very good. The very best varieties of red and Ward sold at \$4 per 100. Enchantress and white varieties sold at \$20 to \$30 per 1,000. Pompon chrysanthemums were plentiful and they were good. They had eager buyers and sold at \$4 to \$5 per 100 sprays. Violets were scarce. The supply could not satisfy the demand. They were sold at 50 cents, 75 cents and \$1 per 100. Paper White narcissi were plentiful and they brought \$2.50 and \$3 per hundred. There was a great demand for lily of the valley and orchids. The former, steady in price at \$6, sold out and

orchids cleaned up at \$7.50 and \$9 per dozen. Harris lilies sold at \$8 per 100. Greens sold well.

SHAW'S GARDEN BANQUET.

The large hall of the University Club was the scene, December 1, of the Shaw Garden annual dinner, covers being laid for 120 members and guests. Following the repast, Doctor Moore, who presided as toastmaster, introduced Professor White of Cornell University, Ithaca, N. Y., who spoke very enthusiastically of the advancement in floriculture and horticulture in the United States. His address was very entertaining.

NOTES.

The flower show committee reports all arrangements for the spring flower show shaping up nicely. The chairmen of different sub-committees will meet December 6. The general public is taking a great interest in this show. Mr. Ohlweiler of the Missouri Botanical Garden is encouraging all visitors to become interested in the coming spring show.

At the west end flower shops, everybody was busy with weddings and parties for Thanksgiving. Especially good business is reported by F. H. Weber, Miss Neumann, Ayres Floral Co., F. C. Weber and Joseph Wittek.

All florists and their friends are making arrangements to attend the florists' dance December 6 at Westminster hall. The committee of this dance guarantee all a jolly good time.

Professor J. C. T. Uphof, formerly assistant professor of botany and plant breeding at the University of Arizona, has been appointed assistant at the Missouri Botanical Garden.

The Missouri Botanical Garden, during the last year, has shown great improvement and it can truly be said it is now one of the finest in the country.

A new flower store, "The Blossom Shop," will be open next week. I. Ericson, formerly of Atlanta, Ga., and Miss W. McCleaver, will have charge of the same.

J. F. Ammann of Edwardsville, who consigns his stock to C. A. Kuehn, is shipping some very fine orchids and roses.

The down-town florists, Mullanphy, Grimm & Gorly and F. Foster, enjoyed a very satisfactory Thanksgiving trade. Miss Rose Schoenle is a daily visitor to the market. She reports business as good as can be expected.

The first poinsettias and azaleas of the season were seen a few days ago at J. Bourdet's.

W. C. Smith Wholesale Floral Co. reports a very satisfactory Thanksgiving trade.

Miss Bettie Carlson of the Mullanphy Florists, has resigned her position with that firm.

F. Windler & Co. had very fine Paper Whites and pompons, which sold rapidly.

Visitors: Frank Farney, with M. Rice Co.; Martin Reukopf, with H. Bayersdorfer & Co., both of Philadelphia, Pa. X. Y. Z.

Pittsburgh, Pa.

BEST THANKSGIVING DEMAND IN HISTORY.

From all reports 1916 Thanksgiving trade was the best ever. Every dealer cleaned up well, which is a good indication that all the stores had a large business. All the wholesale houses were practically sold out on Wednesday afternoon and by closing time had nothing more to offer. Yellow chrysanthemums were in great demand and sold at good prices. Pink and white were not so plentiful; in fact were very scarce. White had a heavy call, as one football team playing here had this for one of its colors. Short

roses were in very limited supply and brought better money than was expected. American Beauties took quite a jump the first two days of the week, selling as high as \$7.50 per dozen. The advance came on too sudden and most of the buyers did without, buying long stem roses instead. There were some very fine carnations seen which brought good money, the best selling at \$4 per 100. Sweet peas and violets were very scarce. It seems that no violets were shipped to this market at all. Yellow daisies and orchids were sold in their stead. Stevia is coming now, which is very good. Now that the chrysanthemum season is over, other stock will be selling much better. Lilies and Paper Whites will have a much better demand. Taking it all in all the season and the first holiday of the season was very satisfactory and indications are for a very large Christmas trade.

NOTES.

John Baldinger, one of the first and best known florists of this city, died at the home of his parents in Avalon, December 1. For many years he was employed by the B. L. Elliott Co., later with the Elliott & Ulam Co. Of late years he has been with the John Bader Co. He was well known by the florists of this city and very well liked by all who knew him. The sympathy of the trade is extended to the family.

Edw. McGrath, of the Blind Floral Co., says their business is increasing more and more each year. Their new Ford delivery car was received by them in time for the rush. It is one of the most attractive cars in the city.

Annie Garrity had large orders for fancy roses for the opening of the Third National Bank, now occupying new quarters.

Charles Patton, of Sewickley, is cutting some very fine stevia, which he consigns to this market.

J. B. Murdock Co. is cutting some very fine pink, white and yellow chrysanthemums.

E. B. Maxwell, of Wilkinsburg, has a handsome new delivery car.

M.

Kansas City, Mo.

COMPLETE THANKSGIVING CLEANUP.

The Thanksgiving trade surpassed all expectations. Business started with a rush on Wednesday and continued through Thanksgiving morning, the result being a complete cleanup. Chrysanthemums as usual were the leaders in popularity and the supply was heavy, especially in the larger blooms, many of which sold as high as \$1 each. American Beauty roses were good sellers as long as they lasted, but the supply ran short early. There was a big increase in the supply of fancy baskets and corsages as compared with a year ago. Begonia Lorraine made its appearance and sold at sight as the supply was very limited. Roses of all varieties, carnations, sweet peas, violets, orchids, lilies and narcissi were all good stock.

NOTES.

The Alpha Floral Co., as usual, prepared for the greatest Thanksgiving trade in its history, but in spite of the immense amount of stock on hand, they were soon cleaned out. This firm is installing one of the finest as well as the largest show cases for ribbons and chiffons in this city.

W. J. Barnes reports a splendid trade and sold out to the last flower. He had an exceptionally large cut of chrysanthemums as well as carnations, white and yellow narcissi and orchids. Pot plants were in heavy demand and the supply was much short of the call.

T. J. Noll & Co. report Thanksgiving business double that of last year.

The shipping trade here was enormous. Their large supply of chrysanthemums sold out early, including 8,000 Bonnaffon received from a St. Louis grower November 29.

H. Kusik & Co. handled about 14,000 fine blooms in chrysanthemums alone and cleaned up early. A fine line of roses, carnations and violets were also fast movers. The shipping trade was the heaviest since this firm has been in business.

Biederman & Son report business was better than they expected and they had to make several trips to the market for additional stock. They have also had numerous orders for funeral work.

Ed. Humfeld had a splendid business, but did not have enough chrysanthemums to meet the demand. He reports his azaleas are in fine shape and will be on hand for the Christmas trade.

The Geo. M. Kellogg Flower & Plant Co. had a big increase in sales compared with those of a year ago. Chrysanthemums were in great demand and their large supply was exhausted early.

A. F. Barbe cleaned up well on cut stock and says he wished he had 10,000 more chrysanthemums coming on. Last week he cut 5,000 fine carnations and a great many excellent roses.

Arthur Newell reports prices better than last year with an increase in volume of business fully 30 per cent. Fine Eaton and Chadwick were features here in quantity.

The Wm. L. Rock Flower Co. sold out completely. They had a large supply of chrysanthemums, fancy baskets, corsages, etc. Trade was exceptionally heavy.

John Stevens was the "chrysanthemum king" in this city this year. His Eaton and Chadwick could not have been better grown and met with ready sale.

Fred Fromholdt had a very heavy call for corsage work. His business was much larger than he anticipated and used up every available flower.

The Peterson Floral Co. report A1 business with heavy call for chrysanthemums and Lorraine begonias in seven and eight-inch pots.

Thousands of chrysanthemums were disposed of in this city to autoists who attended the Missouri-Kansas football game at Lawrence.

A. Mohr moved in a few perfectly grown Lorraine begonias and found a ready market for them.

Visitors: H. P. Zweltsloot, representing Driehuizen Bros., Lisse, Holland; W. P. Ward, of D. Hill Nursery Co., Dundee, Ill.; A. P. Pannevis, with Koster & Co., Boskoop, Holland.

E. J. B.

Milwaukee.

THANKSGIVING TRADE SATISFACTORY.

The ideal weather conditions the past week, especially on Thanksgiving, had their good effects, for the wholesale houses report a clean up at moderate prices. There still was a large supply of chrysanthemums, but they cleared nicely. The receipts of both roses and carnations were just about equal to the demand. Both single and double violets and good stevias were quickly disposed of. While in pot plants there was not a great variety, the quality was good and all moved well. All in all, business fully came up to expectations.

NOTES.

Otto Speidel, wife and family, of Oconomowoc, Wis., will remove to Lake Forest, Ill., this week, where Mr. Speidel will execute the landscape architecture on the new country residence of Philip D. Armour. Mr. Speidel, who has lived in Oconomowoc for many years, having had charge of "Danforth

Lodge," owned by Mr. Armour, is favorably known among the local craft, having officiated as judge at several of our local flower shows.

Hans Heine, for many years decorator for the Edlefsen-Leidiger Co., has joined the A. F. Kellner & Co.'s force, due to the fact that the former firm has dropped this line of work.

On December 7 the annual charity ball takes place in the auditorium, and, as in former years, there ought to be a brisk demand for corsage bouquets and table decorations.

Two members of the florists' club will be on the programme with papers at the annual meeting of Wisconsin State Horticultural Society, to be held in Madison, December 12-14.

E. O.

Detroit.

TRADE HIGHLY SATISFACTORY.

Thanksgiving day business was highly satisfactory and exceeded in volume the trade of any previous year upon this festive occasion so important to the trade. Chrysanthemums of both the pompon and standard types were used in great quantities, and though many of the larger ones were soft, being held back for the event, they nevertheless sold readily, as did the ever-popular anemone and pompon types, and when the business of the day was over there was practically no more to be had, except perhaps some very inferior stock. Roses, too, sold well and the market was caught short of enough of the better grades to meet the unusual demand. Violets sold surprisingly well and the stock was, for the season, unusually fine and many more could have been sold had they been available. The supply of carnations was about equal to the demand and the quality fairly good and both the supply and quality of these is daily improving, though a decided shortage is expected for Christmas trade. The coal question is still serious with many growers, though some improvement is noted in both the supply and price, but not sufficient to dispel the apprehension of the larger consumers. Shipments of azaleas are still arriving, and frequently the stock is found in very bad condition and much loss will be suffered by shippers of these and the consignees which will be difficult to properly adjust. Belated shipments of Dutch bulbs, too, are still coming to further distress an already overloaded market.

J. F. S.

Kerr to Built New Range.

The Robt. C. Kerr Floral Co., Houston, Tex., has acquired 10 acres of land four miles from that city, upon which will be erected 24 houses, 12 of which will be of canvas, an invention of R. C. Kerr's, the result of 20 years' experimenting to secure a cheap yet suitable substitute for glass, and which idea he intends to patent, according to the Houston Post of November 26, 1916. It is proposed to raise as much as possible of the stock that is disposed of by the company in Houston and vicinity. Orchid growing will be a feature at the new range and there will be houses devoted to chrysanthemums, carnations, bluebells, azaleas, cyclamens, ferns, palms, etc. The houses will be 125x150 feet each and the establishment will be equipped with modern systems of heating, lighting and watering. The estimated cost is in the neighborhood of \$60,000.

WOODLAND, CALIF.—George H. Hecke, of this city, has been appointed state horticultural commissioner to succeed Dr. A. J. Cook, deceased.

OBITUARY.

Fred Newell Strail.

Fred Newell Strail, well known Chicago florist, died suddenly at his residence, 4147 Gladys avenue, in that city, November 30. He was 47 years old and spent the greater part of his life in the florist business and worked for many of the leading Chicago retail florists, and at one time, had a store of his own in the Wellington Hotel. He was at one time manager of A. Lange's East Madison street store, and later was connected with the Bohannon Floral Co., Briggs Floral Co. and other establishments. Mr. Strail was one of the best all around florists in the city and had a host of friends in the trade here as well as elsewhere. He has been in ill health for some time and has not been connected with the trade for about a year, but was just making arrangements with one of the downtown florists to return when everyone was shocked to hear of his sudden death. The funeral was held Sunday, December 3, at 2:30 p. m., from the Central Masonic temple, 912 North LaSalle street, Kilwinning lodge No. 311, A. F. & A. M., in charge of services. Burial was at Rosehill. He is survived by a wife, Sarah A. Strail, nee Chandler; mother, Mrs. Mahala Strail, and brother, Chester A. Strail.

James Anderson.

James Anderson, of Chicago, better known as "Jimmy," died suddenly at the Stock Exchange Hotel, Saturday evening, about 11 o'clock, from blood poisoning, at the age of 38 years. He was born in Sparta, Greece, and came to Chicago at an early age and for a time worked at Peter Reinberg's wholesale store and later started in business for himself. He was interested in retail stores at Terre Haute, Ind., Uniontown, Pa., and Dayton, O., and devoted the greater part of his time in the Chicago wholesale market in buying stock to supply these three stores. He was well and favorably known to the trade and had a host of friends who were greatly surprised to hear of his sudden death. The funeral was held from the Western Undertaking establishment, Wednesday, December 6, and the remains were laid to rest in Elmwood cemetery.

F. Charles Herms.

F. Charles Herms, for the past 16 years actively connected with the Herms Floral Co., Portsmouth, O., died at his home in that city November 16, following one week's illness, aged 81 years. Mr. Herms was born in Westphalia, Prussia, and came to America when he was 18 years old. The greater part of his early life was spent in the mercantile business in Portsmouth.

Bayard Thayer.

Bayard Thayer, widely known as one of the most liberal patrons of horticulture, whose extensive estate at South Lancaster, Mass., is recognized as one of the finest in the United States, died November 29 at the age of 54 years.

CORFU, N. Y.—David J. Scott has added one house to his range, 36x126 feet, which will be planted with sweet peas.

BUFFALO, N. Y.—The W. F. Kasting Co. is busy in its new building. Secretary Eliss finds the cut flower supply rather below demand. The receiving, storing, and shipping conveniences are ideal in the new place, not the least being its own refrigerating plant.—M. Bloy, Detroit, Mich., was a visitor.

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THE date of Easter next year is April 8, about two weeks earlier than in 1916.

THE next meeting of the American Genetic Association will be held at New York, December 26-January 1.

PAPER famine has hit department stores hard, many of heavy grades of paper used for wrapping, and of tissue paper used for inside wrapping, having advanced from 300 to 400 per cent in the last year. Paper bills of some of the larger stores will be from \$50,000 to \$100,000 more than last year.

Personal.

John S. Carter, president of the Nicotine Mfg. Co., St. Louis, Mo., is attending the druggists' convention at Chicago this week.

Orchid Fly.

Chas. Bond, the well known orchid specialist of Naperville, Ill., says free ventilation which will permit the fly to escape is one of the best remedies and that another good plan in cold weather is to let the temperature fall to about 38 degrees occasionally, the fly being unable to withstand this low temperature.

Potash From Kelp.

In 1911 the Bureau of Soils was authorized by the Congress to make a survey of the nation's resources in fertilizer materials, particularly in potash, for which this country was entirely dependent upon the German mines. As a result of this reconnaissance, it became evident that the largest and most immediately available source of potash in this country was the giant kelps of the Pacific coast.

As a result of the department's investigations and the prohibition by Germany of the exportation of potash salts, American manufacturers have erected eight large plants in southern California for the extraction of potash from kelp. On September 1, 1916, about 125,000 tons of raw kelp had been harvested and treated, yielding approximately 10 per cent of dry kelp.

The plants now in operation, owing to the present abnormal prices for potash, are devoting relatively little attention to the elaboration of processes for the recovery of by-products. If this situation continues, they probably will not be able to produce potash at a profit when conditions become normal. In the circumstances it seems desirable for the department to demonstrate the commercial feasibility of producing potash and by-products from kelp with a view to put the industry on a sound economic basis. Plans have been formulated for erecting and operating, at some advantageous point on the coast of southern California, a plant with a daily capacity of not less than 200 tons of raw kelp, in order that the necessary experiments may be conducted.

It is hoped that these experiments will result in the establishment of a potash industry which will prove profitable and permanent and render this country independent of foreign sources in normal times.—Secretary of Agriculture Report for 1916.

Bulbs and Other British Imports.

At the meeting of the council of the Horticultural Trades Association of Great Britain and Ireland, October 10, the secretary reported that he had had a heavy correspondence the last few weeks on the subject of bulb imports. Rumors were flying about that extensive importations had come in, in spite of the prohibition, through the parcel post, and also that permits had been, or would be, granted for imports of bulbs for stock-growing purposes. Inquiries from the board of trade elicited that there was no truth in these reports and that the government had no intention whatever of granting any licenses for imports. He said that the president had written to one leading Dutch firm which had been soliciting orders lately, strongly protesting against its action, and pointing out that the letters sent out only gave rise to misun-

derstanding and could be of no service to anyone.

In view of the fact that the Royal Horticultural Society Parliamentary Sub-committee was meeting the same afternoon, to consider the conditions affecting the importation of horticultural products after the war, this question was then considered. The feeling of the meeting was unanimously in favor of action being taken to protect our trade against foreign dumping after the war. The resolution recently passed by the French Nursery Federation to discourage, or totally prohibit, imports from Germany and Austria, to treat neutrals somewhat more favorably, and to give the most favorable terms possible to our allies, was generally approved and recommended as a suggestion for the consideration of the Parliamentary Committee.—British Horticultural Advertiser.

Funeral Flowers.

The Idle-Hour Nurseries, Macon, Ga., send this clipping from the Macon News of December 1, 1916:

In a recent issue of the London Times the following advertisement appears:

"By the special desire of the late Clement Leigh Watson-Smith, friends are requested not to send flowers at his funeral, but in lieu thereof a donation to the Faversham Cottage hospital would be appreciated by his family."

The obvious comment which the average person would be inclined to make with regard to this unusual request would be that the money undoubtedly would do more good if donated to the hospital instead of being spent for flowers. But is there not another side to the question? Are we becoming so utilitarian in these latter days that our criteria of values are to be thus weighed and measured with such nice calculation?

The custom of bringing a few flowers to the bier of our beloved dead is one which, whatever its origin, expresses a sentiment which finds echo deep in the common heart of man. The parting from a loved one through death is a universal experience, one which sooner or later brings us face to face with the one insoluble mystery of life. Faith alone solves it in keeping with the longings of the human heart. Faith upholds and strengthens the fragile and tender hopes of love when love faces the cold and lifeless form of one beloved. Somehow there is an involuntary groping after some tangible expression of all this, and what more beautiful and appropriate form could it take than the bringing of an offering of a few fragrant blossoms to his grave? And why should such an perfect expression of love be marred by the utilitarian consideration as to whether the pittance spent might not be put to better use?

So, in spite of the apparent good sense of the gentleman's "special desire," we shall bring to the bier of each departing friend, as in turn they leave us through the coming years, an offering in keeping with the tender sentiment which prompts it—whether it be good sense or not.

Important to Subscribers.

The date on the yellow address label on your copy of THE AMERICAN FLORIST will show when your subscription expires. Please renew subscriptions promptly on expiration to make certain of receiving your copy of each issue.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.
For Plant Advs., See Ready Reference Section.
 Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Expert gardener seeks engagement on first-class estate. All references, life experience. Pacific coast preferred.
 Key 727, care American Florist

Situation Wanted—As working foreman on big commercial place growing roses and carnations; life-long experience and scientific practice; can handle men; sober and industrious; good references.
 Key 705, care American Florist.

Situation Wanted—Superintendent - gardener (head) seeks position: country estate; temperate; excellent greenhouse manager; landscape artist; knows live stock, engines; life experience; best references.
 A. PAWLITZ,
 17 Vine St., Roxbury, Boston, Mass.

Situation Wanted—Designer with executive ability and experience in growing desires responsible position; experience and credentials that assure results. Ohio preferred but will consider good proposition; young married; a hustler. Address
 Key 710, care American Florist.

Situation Wanted—By a practical man 42 years of age, with 20 years' experience in the florist business. An all around grower, salesman and designer; American born. Married and have one child 7 years old. Can furnish best of references. Please state wages in first letter. Address
 Box 473, Salina, Kan.

Situation Wanted—By Scandinavian, single, with over 20 years' experience in Scandinavia, England, Germany and America. Several years in charge of Greenhouses and outside. Cut flowers, forcing and propagating a specialty. Well up in care of parks. References are good. Address
 Key 717, care American Florist.

Situation Wanted—Seedsmen wants situation; expert on grass, clover and field seeds; reliable vegetable and flower seedsmen; languages, German, French and English; either in office, field, warehouse or on road; practical grower, with extensive European and American field and office experience; good catalogue and advertising man.
 R. GERARD, Ulster Park, N. Y.

Help Wanted—Wanted, experienced store girl, for St. Louis position. Address
 Key 725, care American Florist.

Help Wanted—First class store man; state compensation and send references. Address
 SAMUEL MURRAY
 1017 Grand Ave., Kansas City Mo.

Help Wanted—Salesman calling on seed stores to carry side line; fast seller; good commission; pocket samples; any states.
 M. BAYERSDORFER, Huguenot Park, N. Y.

Help Wanted—Several florists wanted; young men with experience; reliable; steady position. Apply to
 HOTEL BILTMORE, Florist Dept.,
 Madison and Vanderbilt Aves., New York.

Help Wanted—Saleslady and designer for large town, 50 miles from Chicago. \$12.00 per week to start. Address
 Key 000, care American Florist.

Help Wanted—Good pot plant grower for up to-date commercial plant. Send full particulars in first letter, stating age, experience and wages. Address
 Key 724, care American Florist.

Help Wanted—Experienced man for roses, carnations, chrysanthemums and general stock; required on private place; state salary and experience. Address
 Box 424, Bettendorf, Iowa.

Help Wanted—At once, in a well established retail store in New York City, a good designer and salesman. Must be sober. Good wages to such a man
 A. F. F., care American Florist,
 Lock Box 501, Madison Sq. Station, New York.

For Sale or Rent—Retail flower store on State Street, Chicago, i. the heart of the shopping district. The business is now running and buyer can take immediate possession. For further particulars.
 Key 726, care American Florist.

For Sale—Established flower store in Loop. Long lease, low rent, owner cannot give attention to business. Small amount cash required. This is a gold mine for a live florist. Address
 Key 706, care American Florist.

For Sale—High class flower store, with small greenhouse; located near Chicago; doing good business; reason for selling, wish to retire; \$1000 cash, balance on reasonable terms. Address
 Key 705, care American Florist.

For Sale—15,000 feet of glass three houses 23x150, one house 10x150; well stocked with carnations, chrysanthemums, roses and pot plants, in fine condition, and situated in the heart of Birmingham's great industrial district. Ask for full particulars. These houses are practically new. Address
 F. G. KELLY, Florist, Ensley, Ala.

For Sale—Good paying retail store for sale at a bargain. Worth \$1500 but will sell for \$700 or \$800 cash. Books open for inspection. Store is in A1 condition and is an unusual buy. This is a splendid opportunity for a young fellow to start in business for himself
 M. B. HIRSCH, "The Willard Florist,"
 346 East Fifty-first Street, Chicago.

HELP WANTED.

Greenhouse Laborers.

At Hinsdale, Illinois, by Bassett & Washburn. Steady work all winter. Wages, \$2.50 per day. Apply to **A. C. BENSON**, Superintendent of Bassett & Washburn's Greenhouses, Hinsdale, Ill.

Situation Wanted

Experienced seedsmen just disengaged wishes to connect with a reliable seed house as manager, or responsible office position, 25 year's experience in all branches, best references. Address
 Key 728, care American Florist.

Help Wanted.

Good grower for potted plants. Must be quick at potting up.

RANDOLPH & McCLEMENTS,
 5936 Penn Ave., Pittsburgh, Pa.

Help Wanted

A working foreman to take care of 70,000 feet of glass, also a section man to grow cut flowers. English or American preferred. Please state age, nationality, wages expected and reference.

W. W. COLES, Kokomo, Ind.

Male Help Wanted.

Prominent eastern Seed House desires to secure an experienced executive well acquainted in the line, wholesale and retail, who can furnish irreproachable references as to knowledge, ability and integrity. Address
 Key 723, care American Florist.

Help Wanted.

Good rose grower. Must come well recommended.

SINNER BROS.,
 158 North Wabash Avenue, CHICAGO

FOR SALE.

We have installed a new Buchbinder refrigerator in the Geo. Wittbold Co.'s new retail store on Buckingham Place, Chicago, and will sell the two refrigerators that were in use there at a bargain if taken at once. One is a display box 10x4x10 feet high and the other a storage box 8x10 feet. For further particulars address

BUCHBINDER BROS.,
 518 Milwaukee Ave., CHICAGO, ILL

HELP WANTED

Good all around florist for Chicago retail store. Must be expert salesman and designer and come well recommended. Steady position, high salary and splendid opportunity for advancement to the right party.

W. W. ADAMS

1021 Rush Street, Chicago

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
 440 S. Dearborn St., CHICAGO

A HOLLY WREATH

Red and Green

FOR HOLIDAY CIRCULARS AND ADVERTISING.

Plates for printing this fine Holly Wreath in two colors—green leaves and red berries and ribbon—\$3.00 per set of 2 plates. Larger size, 3 3/4 x 4 inches, \$5.00 per set of 2 plates.

Plate shown here for one color \$1.50. The large size, one color, \$2.70

Cash with order.

American Florist Co.

440 S. Dearborn St., CHICAGO.



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Flowering and Decorative

PLANTS

For Christmas Holidays

ASPARAGUS Plumosus Manas

For box and basket work.

	Per doz.	Per 100
2½-inch	\$0.75	\$ 4.50
3-inch	1.25	8.00
4-inch	1.75	12.00

AUCUBA JAPONICA VARIEGATA

Gold Plant. Handsome bushy plants.
18-in. each, 75c; doz., \$8.00; 24-in., each \$1.00; doz., \$10.00.

AZALEAS—In Bloom for Xmas

Fine shapely plants, well set with buds and blooms: Simon Mardner, double red; Vervaeckiana, double variegated; White Vervaeckiana, double white.

In. Diam.	Each	Doz.	In. Diam.	Each	Doz.
12 to 14	\$1.25	\$12.00	16 to 18	\$2.25	\$24.00
14 to 16	1.50	15.00	18 to 20	3.00	30.00
			20 to 22	4.00	40.00

MME. PETRICK—Double Pink

	Each.	Doz.
16 to 18 inches	\$2.25	\$24.00
18 to 20 inches	3.00	30.00
20 to 22 inches	4.00	40.00

MINIATURE MME. PETRICK

\$0.50 to \$0.75 each.

BEGONIAS

Gloire de Lorraine and Cinninatti

Pans	Each	3 for	Doz.
5-inch	\$0.85	\$2.35	\$ 9.00
3-inch	1.25	3.50	12.00

CYCLAMEN—In Bloom

5-inch pots, Each, \$0.50 to \$0.75; Doz. \$6.00 to \$8.00.

CROTONS

A choice selection of Fancy Sorts. Well Colored.

Pots	Each	Doz.	Per 100
4-inch	\$0.60	\$5.00	\$40.00

CYCAS—In Leaf

4-inch.....Each, 25c to 40c

DRACAENAS

Amabilis

Dark glossy green foliage marked and suffused with pink and creamy white.

5-inch.....Each, \$1.00 Doz., \$11.00

CHICAGO,

31-33 W. Randolph St.

DRACAENAS—Continued.

Baptisti

Long broad foliage: cream, red and orange.
4-inch.....Each, \$0.75 Doz., \$8.00

Imperialis

One of the best of the bright colored varieties; dark green foliage with bright pink shadings and edgings.

4-inch.....Each, \$0.75 Doz., \$8.00
5-inch.....Each, 1.00 Doz., 11.00

Kelleriana

One of the finest foliage plants for combination boxes or baskets. Dark green, densely marked with irregular spots of creamy white.

3-inch.....Each, \$0.30 Doz., \$3.00

Lord Wolsley

Bright red foliage, a fine variety for Christmas.

4-inch.....Each, \$0.50 Doz., \$5.00

Massangeana

Broad green foliage with a broad golden yellow band through the center of each leaf.
5-inch.....Each, \$1.00 Doz., \$11.00

Sanderiana

Glaucous green foliage with a broad border of cream white.

2½-inch.....Each, \$0.25 Doz., \$2.00

Ficus Repens

A trailing variety with small foliage.
3-inch.....Each, \$0.15 Doz., \$1.50 100, \$10.00
4-inch.....Each, .20 Doz., 2.00 100, 15.00

Ferns For All Purposes

ASSORTED FERNS for Dishes

A choice assortment, our selection of varieties.

2½-inch.....Doz., \$0.50 100, \$3.50 1000, \$30.00

ADIANTUM OR MAIDEN HAIR FERN

Hybridum

	Each	Doz.	100
2½-inch	\$0.15	\$1.25	\$ 8.00
3-inch .....	.20	1.75	12.00
4-inch .....	.35	3.00	20.00

FERNS—Continued.

Scutum Roseum

	Each	Doz.	100
3-inch	\$0.25	\$2.50	\$15.00
4-inch .....	.40	3.50	.....
5-inch .....	.60	6.00	.....

CIBOTIUM SCHIEDEI

5-inch.....Each, \$1.50 to \$2.00

CYRTOMIUM Rochfordianum

	Each	Doz.	100
3-inch	\$0.25	\$2.50	\$15.00
4-inch .....	.25	2.50	2.50
5-inch .....	.35	3.50	4.00

BOSTON FERNS

Ours are all pot-grown and bushy, well furnished with fronds from the pot up, and are not to be compared with the cheap long drawn up stock lifted from the bench.

Size pots	Each	Doz.	100
3-inch	\$0.20	\$1.75	\$12.00
4-inch .....	.25	2.50	20.00
5-inch .....	.50	5.00	40.00
6-inch .....	.75	8.00	.....
7-inch	1.00	10.00	.....
8-inch	1.25	12.00	.....

PALMS

Kentia Belmoreana

Size Pots	Leaves	Height	Each	Doz.
4-inch	5 to 6	18 to 20 in.	\$0.60	\$6.00
5-inch	5 to 6	22 to 24 in.	1.00	11.00

PANDANUS VEITCHII

4-inch.....Each, 60c; Doz., \$6.00

PRIMUM OBOCNICA

In Bloom.

4-inch.....Each, 20c; Doz., \$2.00; 100, \$15.00

POINSETTIAS—"The" Xmas Plants

The large, handsome red bracts and bright green leaves make a beautiful contrast.

Size Pot	No. Plants	Each	Doz.
5-inch	3	\$0.75	\$ 8.00
6-inch	3	1.00	10.00
7-inch	4	1.50	15.00
8-inch	5	2.00	21.00
10-inch	6	3.00	30.00

SOLANUM MELVINI

Improved Jerusalem Cherry, with large oval berries.

Pots	Each	Doz.	100
4-inch	\$0.20	\$2.00	\$15.00
5-inch .....	.35	3.50	25.00

NEW YORK,
43 Barclay St.

VAUGHAN'S SEED STORE,
Greenhouses: Western Springs, Ill.

QUALITY BOXWOOD SPRAYS

Clean, Classy Sprays, with glossy, green foliage. Every poor branch rejected in securing our "McCallum Quality." The Hedge Variety is the prettiest wreath-making material on the market. \$7.50 per 50-lb. case. Special prices on larger quantities.

Red Ribbon, Satin Taffeta, Pattern 110 Nos. 5 7 9 12 16 22 40 60 80 100
25c 22c 42c 52c 62c 75c 87c \$1.00 \$1.12 \$1.25

Write for our latest booklet, giving prices on other Christmas Goods and Every Day Supplies.

McCALLUM CO.,

"Everything for the Florist"

Pittsburgh, Pa. (only)

Cincinnati.

THANKSGIVING RELIEVES GLUTTED MARKET.

The market is well supplied with stock, but the demand is better than it was for the several weeks preceding Thanksgiving, consequently stock is bringing better prices. Thanksgiving business was good and helped to clean up a glutted market. Roses are in excellent supply with American Beauty receipts sufficient for present needs. Carnations are in good supply and find a good market. Some excellent late chrysanthemums and pompons may be had. Easter lily and calla lily receipts are large enough to take care of every present demand for them. Double and single violets are coming in in good quantities and generally meet with a good call. Stevia is excellent and has become plentiful. Paper White narcissus receipts, too, have become larger. Other offerings include orchids, lily of the valley and sweet peas.

NOTES.

Oliver Pherson, brother of Mrs. Gus Adrian, Jr., and associated with the Wm. Murphy Co. for the past five years, died suddenly, December 4, after a brief illness. His many friends mourn his untimely death.

California Violets

Giant and Princess

ENOMOTO & CO.

35 St. Anne St.,

SAN FRANCISCO, CALIF.

The R. G. Kootz Floral Co. has now completely removed to their new location in the Gwynne building, at Sixth and Main street. The store is a pretty one and is decorated attractively.

L. H. Kyrk is on a business trip to Kalamazoo, Mich., and Portland, Ind. He will return at the end of this week.

Erwin Gear, son of Fred Gear, the Vine street florist, and Miss Hilda Meinhart, were married last week.

P. J. Olinger is spending the first days of this week at his greenhouses at New Castle, Ind.

Geo. Klotter is cutting some of his excellent long, double stevia.

C. E. Critchell has been having a good call for double violets. H.

BALTIMORE, MD.—G. E. Pickering has disposed of his interest in the Howard Flower Shop.

The American Florist

CHRISTMAS

NUMBER

TO BE ISSUED

NEXT WEEK

JUST RIGHT FOR THE
CHRISTMAS AND HOLIDAY TRADE

— The Best Paid —

CIRCULATION

— To the Trade in the Trade —

The Prosperous Times and Depleted Stocks
MAKE GOOD DEMAND FOR
Plants, Cut Flowers and All Florists' Supplies

Rates as usual, \$1.00 per inch, single column width; \$30.00
per page of thirty inches. Usual discounts on time contracts.

American Florist Co.,
440 S. Dearborn St., CHICAGO.

☞ Please mail advertisements early.

Rooted Carnation Cuttings Immediate Delivery.

We are now booking orders for our New Seedling SUPERB—\$12.00 per 100; \$100.00 per 1000.

SUPERB is a sport of Gloriosa and Enchantress. It has the good stem of Gloriosa and the fine growing habit of Enchantress. The color is a flesh pink, and it keeps its color at all seasons. The flowers average about three inches, are very full, and generally receive full score on substance. The flowers are all perfect and do not split. In the four years we have grown it, it has proved the best commercial variety, barring none.

AVIATOR If you want Scarlet Carnations for Christmas, grow Aviator. \$6.00 per 100; \$50.00 per 1000.

STANDARD NEW VARIETIES.

WHITE.	Per 100	Per 1000
Matchless	\$2.50	\$20.00
White Enchantress	2.50	20.00
White Wonder	3.00	25.00

DARK PINK		
Peerless Pink	2.50	20.00
C. W. Ward	2.50	20.00

FLESH PINK.	Per 100	Per 1000
Superb	\$12.00	\$100.00
Enchantress	2.50	20.00
Enchantress Supreme	2.50	20.00
Alice	3.00	25.00

VARIEGATED.		
Benora	3.00	25.00

RED	Per 100	Per 1000
Aviator	6.00	\$50.00
Beacon	3.00	25.00
Champion	3.0	25.00

MEDIUM PINK.		
Miss Theo	6.00	50.00
Mrs. Akehurst	3.00	25.00
Pink Sensation	3.50	30.00

J. D. THOMPSON CARNATION CO.,

Joliet, Ill.

Terre Haute, Ind.

GRATIFYING BUSINESS CONDITIONS.

Business in general seems very satisfactory. There is plenty of money in circulation and the florists are getting their share. The weather has been ideal. Chrysanthemums have about seen the end of their season, but roses and carnations are arriving in fine condition, the former commanding prices ranging from \$1 to \$2 per dozen, while the latter are quoted at 75 cents. Double violets move well at \$1 per bunch of 50. Poinsettias are beginning to arrive and are sold at prices ranging from \$2 to \$4 per dozen. The Thanksgiving trade was the best ever known in this city, everything selling well at good prices.

NOTES.

Cowan Bros. & Co., Thomas Stevenson and the Terre Haute Rose & Carnation Co. have all received shipments of azaleas, but in each case damaged condition is reported.

The Davis Gardens Co. has just completed another house. This makes a total of five house 72x600 feet and one house 30x150 feet.

The Terre Haute Rose & Carnation Co. has just completed a new garage and storage building.

Fred Wunker & Sons disposed of a house of Lynwood Hall for the Thanksgiving trade.

Fred G. Heintz has moved into his new house at the Davis Gardens.

Heintz & Weber have a fine house of poinsettias. B. S.

Columbus, O.

THANKSGIVING TRADE BEST IN YEARS.

A fine Thanksgiving trade, exceeding that of any previous year, is the general report of local florists. One concern showed an increase in sales of about 35 per cent. Business kept up strong all of Thanksgiving day, practically cleaning out stocks. Chrysanthemums were somewhat short of demand, and brought fancy prices, wholesale and retail. They are now out of stock. Roses now have the call, and are coming in plentifully. The variety being shown is unusually large. Prices range from \$1.50 to \$5, aside from American Beauties, which bring \$6 to \$10. Violets, sweet peas and other corsage flowers exclusive of lily of the valley, are in ample supply and in good demand. Cuttings of carnations leave little margin over consumption. The crop is of fine quality, but below the average yield, and florists anticipate a scarcity. The Paper White narcissus is now a popular feature of stock, at from 75 cents to \$1. There is a shortage of small pot plants, although this condition promises to be remedied in the near future. Stock peculiar to the



CARNATION CUTTINGS

IT IS NOT TOO EARLY to order now if you desire December or January delivery

NEW VARIETIES.

COTTAGE MAID: Clear shell pink, sport of Mrs. C. W. Ward, possessing the same wonderful keeping and shipping qualities. **MERRY CHRISTMAS:** Color, intense deep scarlet; large flower, well formed, splendid stem and calyx, splendid keeper. **DORIS:** Color, brilliant maroon; vigorous grower, producing a succession of high grade blooms on long stiff stems; good calyx. **ROSALIA:** A true cerise pink; splendid grower and producer; a good commercial variety in every respect. **OLD GOLD:** Deep yellow with faint pink stripes; the earliest and freest flowering of all yellow varieties; a decided improvement over Yellow Prince. All of the above varieties, \$12.00 per 100; \$100.00 per 1000.

Last year's introductions and standard varieties; prices on application.

S. S. PENNOCK-MEEHAN COMPANY,

The Wholesale Florists of Philadelphia

PHILADELPHIA, 1608-1612 Ludlow St.
BALTIMORE, Franklin and St. Paul Sts.

NEW YORK, 117 W. 28th St.
WASHINGTON, D. C., 1216 H St., N. W.

Hydrangeas

3 1/4 inch pots, \$6.00 per 100.

Single stem plants, set with good, plump flower buds.

Gen. De Vibraye, bright rose, very large heads.

La Lorraine, large flowers, pale rose, turning to bright pink.

Lille Moulleire, bright carmine rose.

Mme. Maurice Hamar, large, delicate flesh-rose color.

Mme. Emil Moulleire, pure white with rosy-carmine eye; very large; the best white.

Otakea, the old standby for pink. More easily forced than some of the newer sorts.

Radiant, clear bright pink, an exceptionally handsome shade.

JACKSON & PERKINS CO. NEWARK, NEW YORK

Christmas season, such as azaleas and poinsettias, and greenery of various kinds, is likely to be abundant, at prices slightly in advance of last season.

NOTES.

O. C. Grice, formerly superintendent for the Livingston Seed Company greenhouses, but who recently started in business for himself north of the city, has bought the 25,000 feet of glass which formed the equipment of the Woolman greenhouses, on the Hill-top. The price paid was \$3,500. It will be removed to Grice's premises. Woolman sold his ground some weeks ago to the Big Four railroad company, and it will be incorporated into the latter's yards.

Frank Miller, manager of the Columbus Floral Company, is at Lawrence hospital, making good recovery from an operation incident to intestinal ailment. J.

150,000

2 and 2 1/4 in. Geraniums

Ready now. Sand rooted, transplanted to pots. Well established; fully as good as last year's. Liberal extras for early orders.

A. Ricard, Beaute Poitevine, Montmore and Castellane, \$2.50 per 100, \$22.50 per 1,000. **S. A. Nutt**, John Doyle, Grant, Jean Oberly, Mrs. L. Perkins, Buchner, La Favorite, etc., \$2.25 per 100, \$20.00 per 1,000.

IVY GERANIUMS, 8 varieties; **ROSE GERANIUMS**, 4 varieties; **DOUBLE PETUNIAS**, 12 varieties; **LANTANAS**, 6 varieties; **MARGUERITES**, White, Yellow and Mrs. Sanders, from 2 1/4-in. pots, \$3.00 per 100, \$25.00 per 1,000. **3-in. CYCLAMEN**, assorted, \$8.00 per 100, \$75.00 per 1,000.

4-in. CYCLAMEN, \$20.00 per 100.

5-in. CYCLAMEN, 40 cts. each.

Also abundance of other stock. Correspondence solicited.

ALONZO J. BRYAN

Wholesale Florist, Washington, N. J.

Mention the American Florist when writing.

Commercial Carnation Culture

A practical guide to modern methods of growing the American Carnation for market purposes.

Edited by J. Harrison Dick.

262 pages, freely illustrated. Price \$1.50.

American Florist Company
440 S. Dearborn Street, Chicago



One of the Many Uses of Hill's Hardy Evergreens.

Progressive Florists

will appreciate the big sales possibilities of **Hill's Hardy Evergreens**. Now's the time to have them on display—when soft stocks are being thrown out. Push **Hill's Hardy Evergreens** now and during the coming months. **Hill's** stock is grown for high-class trade and will please your most exacting customers. Talk winter Evergreen window boxes to the people who have had the summer decorations. Boxwoods, Bays, etc., will soon have to be taken inside—these can all be replaced with hardy outdoor tubbed Evergreens. Both are easy to sell as summer stocks and give complete satisfaction. Try out this line now and see for yourself. Prices include careful packing and crating F. O. B. Dundee. Place your orders now. We will ship at once or reserve them and ship whenever wanted.

HILL'S COMPLETE ASSORTMENT OF HARDY EVERGREENS.

FOR WINDOW BOXES, URNS, ETC.

	Size	Each	Doz.	100		Size	Each	Doz.	100
Hardy Evergreens (especially grown bushy stock).					Pinus Strobus (White Pine).....	12-18 in.	\$0.30	\$1.95	\$15.00
Assorted Varieties (Our Selection)..				\$15.00	Thuya Occidentalis (Am. Arb. Vit.)..	12-18 in.	.30	2.15	16.00
Picea Excelsa (Norway Spruce)....	12-18 in.	\$0.20	\$1.80	10.00	Bush Boxwood for Window Boxes				
Pinus Austriaca (Austrian Pine)...	12-18 in.	.30	2.15	16.00	Boxwood, Bush Shaped.....	10-12 in.	\$0.30	\$3.00	\$22.50
Pinus Mugho (Dwarf Mugho Pine)...	8-10 in.	.35	2.40	18.00	Boxwood Suffruticosa (Dwarf Edging)	4-6 in.	.10	1.00	6.00

6 of same variety and size at dozen rate; 50 of same variety and size at 100 rate.

HILL'S HARDY TUBBED EVERGREENS (CLIPPED SPECIMENS)

	Each	Pair		Each	Pair
Abies Tsuga Canadensis (Hemlock), 2 feet.....	\$2.75	\$5.00	Picea Pungen Kost. (Grafted Blue Spruce), 2 feet....	\$3.00	\$ 5.50
Abies Tsuga Canadensis (Hemlock), 3 feet.....	3.50	6.50	Picea Pungen Kost. (Grafted Blue Spruce), 2½ feet..	3.75	7.00
Juniperus Glauca (Pyramid Shaped), 3 feet.....	3.50	6.75	Taxus Baccata (Ball Shaped), 18 x 18 inches.....	6.00	10.50
Juniperus Glauca (Pyramid Shaped), 4 feet.....	4.50	8.00	Taxus Baccata (Ball Shaped), 21 x 21 inches.....	9.50	18.00
Juniperus Hibernica (Pyramid Shaped), 2 feet.....	1.75	3.00	Taxus Baccata (Pyramid Shaped), 3 feet.....	5.00	9.00
Juniperus Hibernica (Pyramid Shaped), 2½ feet.....	2.00	3.75	Taxus Baccata (Pyramid Shaped), 4 feet.....	7.00	12.00
Juniperus Hibernica (Pyramid Shaped), 3 feet.....	2.50	4.50	Thuya Biota Orientalis (Pyramid Shaped), 2 feet....	2.00	3.75
Juniperus Hibernica (Pyramid Shaped), 3½ feet.....	3.00	5.75	Thuya Occidentalis (Ball Shaped), 24 x 24 inches....	3.85	7.50
Juniperus Schottii (Pyramid Shaped), 3 feet.....	3.75	7.00	Thuya Occidentalis (Ball Shaped), 30 x 30 inches....	4.85	9.50
Juniperus Schottii (Pyramid Shaped), 4 feet.....	4.75	9.00	Thuya Occidentalis (Pyramid Shaped), 3 feet.....	2.75	5.00
Juniperus Vir. Globosa (Ball Shaped), 18 x 18 inches..	2.75	5.00	Thuya Occidentalis (Pyramid Shaped), 4 feet.....	3.25	6.00

Above come in good, cheap, serviceable containers as illustrated. Painted green.

TERMS: Net cash. First order from all firms not having an account with us should be accompanied with full cash remittance. To customers of approved credit or who supply satisfactory trade references, 30 days net.

Complete Fall Wholesale Catalogue is Now Ready. Copy cheerfully sent upon request. Address

THE D. HILL NURSERY CO., Inc., Box 404, DUNDEE, ILL.

EVERGREEN SPECIALISTS. LARGEST GROWERS IN AMERICA

HILL'S MOTTO

**HIGH QUALITY.
REASONABLE PRICES.
PROMPT SERVICE.
COURTEOUS TREATMENT.**

Give us a trial. We can save you money and please you as well. Our close proximity to Chicago, the great railroad center, means quick service and low Chicago rates.



Taxus

Picea Pungen

Thuya

Juniperus

BOXWOOD

Dwarf, Large Leaf, No Surplus Wood

Per Case, \$7.50; 3 or more Cases, \$7.00 Per Case; Per Bunch, 2

WINTERBERRIES, Full and large red berries, per Case, \$2.50

American Beauties—Extra long stems, finest quality, never have been better. Good supply for Christmas

Carnations—Our crop will be just in for Christmas—containing a large supply of fancy Red.

Woodwardia Ferns—A California product, very attractive for large decorations and sprays. 3 feet long, much like the Eastern flat ferns, very graceful, per 100, **\$8.00.**

CURRENT PRICE LIST.

AMERICAN BEAUTIES.

	Per doz.
Long	\$6.00 to 7.50
30-inch	5.00
30-inch	4.00
24-inch	3.00
18-inch to 20-inch.....	2.00
Short, per 100, \$4.00, \$6.00, \$8.00, \$10.00, \$12.00	

MRS. CHAS. RUSSELL.

Extra long	per 100	\$25.00 to \$35.00
Long	per 100	\$18.00 to 20.00
Medium	per 100	12.00 to 15.00
Short	per 100	6.00 to 10.00
Milady } Long	\$10.00 to \$12.00	
Ophelia } Medium	6.00 to 8.00	
Brilliant } Short	4.00	
Sunburst }		

	Per 100
Killarney } Long	\$8.00 to \$10.00
White Killarney } Medium	6.00
Aaron Ward } Short	4.00
Richmond }	
Scott Key } Long	\$18.00 to \$20.00
Hoosier Beauty } Medium	12.00 to 15.00
Stanley } Short	6.00 to 10.00

MINIATURE ROSES.

Cecile Brunner	per 100, \$3.00
Fireflame	per 100, \$4.00 to 6.00
Baby Doll	per 100, 3.00
George Elgar	per 100, 2.00

FANCY CUT FERNS.

	Per 100
Hybridum	\$1.50
Adiantum	\$.075 to 1.00

MISCELLANEOUS CUT FLOWERS. Per 100

CYPRIPEDUM, per doz.....	4.00
CATTLEYES, per doz.	9.00 to 10.00
VALLEY	6.00
FANCY LILY OF THE VALLEY.....	8.00
PAPER WHITES	3.00 to 4.00
CARNATIONS	3.00
LILIES	10.00 to 12.00
Stevia	per 100, \$2.00
Snapdragon	per 100, \$8.00 to \$12.00

GREEN GOODS.

Mexican Ivy	\$.075
Leucothoe sprays .....	.75
Sprenger and Asparagus Sprays, \$2.00 to \$3.00	
Galax (bronze and green)....	per 1,000, \$1.50
New flat ferns	per 1,000, 2.50
Wild smilax	per case, 6.00

Kentias Western Kentias

Headquarters

Largest and most complete stock offered in the West, in a healthy, strong and clean condition.

All previous prices quoted on Palms are hereby cancelled.

KENTIA FORSTERIANA SINGLE PLANTS.

	Leaves	Each
6 inch pots 5-6 28 inches high....	\$ 1.25	
6 inch pots 6-7 32-34 inches high....	1.50	
6 inch pots 6-7 34-36 inches high....	2.00	
8 inch tubs 6-7 40-42 inches high....	3.50	
8 inch tubs 6-7 42-46 inches high....	4.00	
8 inch tubs 6-7 50 inches high....	5.00	
9 inch tubs 6-7 52-56 inches high by 7.00		
10 inch tubs 6-7 60 inches high....	8.00	
10 inch tubs 6-7 60-65 inches high....	12.00	
15 inch tubs 6-7 8 feet high....	40.00	
15 inch tubs 6-7 9-10 feet high....	50.00	

KENTIA BELMOREANA SINGLE PLANTS.

	Leaves	ins. high	Per Doz.
4 inch pots 5-6 16-18 45c each			\$5.00
6 inch pots 5-6 24 each			1.25
6 inch pots 5-6 28 each			1.50
8 inch tubs 5-6 42 each			5.00

Specimen plants, 15 inch tubs, \$75.00 each.



KENTIA FORSTERIANA MADE UP PLANTS.

	Plants	Each
6 inch pots 3 26-28 inches high.....	\$ 2.00	
7 inch tubs 3 30-32 inches high.....	2.50	
8 inch tubs 3 38 inches high.....	4.00	
8 inch tubs 4 48-50 inches high.....	5.00	
9 inch tubs 4 52 inches high.....	6.00	
10 inch tubs 4 54 inches high.....	8.00	
12 inch tubs 4 60-64 inches high.....	12.00	
12 inch tubs 4 66 inches high.....	15.00	
15 inch tubs 4 6-6½ ft. high, heavy..	25.00	
15 inch tubs 4 75-80 inches high.....	30.00	

ARECA LUTESCENS.

	Plants	Each
6 inch pots 4 bushy, 24-26 inches high..	\$1.25	

ASPIDISTRAS.

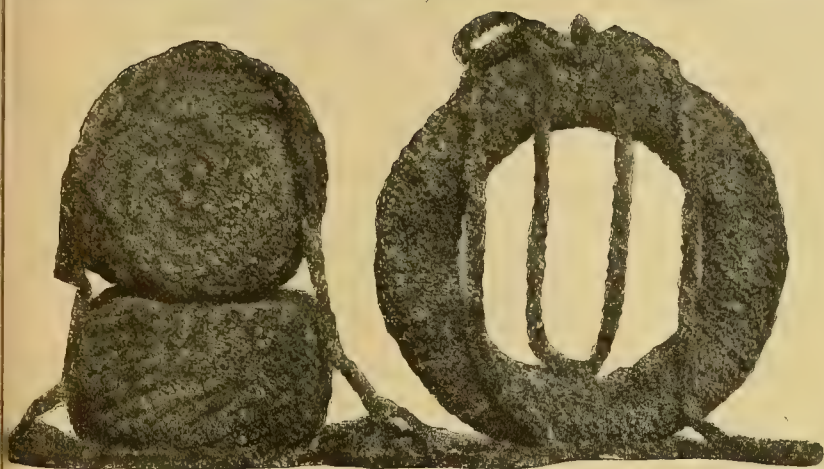
5 inch pots 10-12 leaves green.....	\$1.00
6 inch pots 16-20 leaves green.....	1.50
5 inch pots 10-12 leaves var.....	1.50

DRACAENAS.

	Each
Dracaena Massangeana, 8-in.....	\$2.50
" Terminalis, 4-in.....	Per doz. \$4.00
" " 5-in.....	5.00

POEHLMAN

72-74 E. Randolph St.,



JAPANESE Frieze Roping

Red, Green, White

Per ball of 60 yards, each, - - 75c

Per 12 balls, - - - - - \$8.00

Ask for prices on large lots. Order early and make your own wreaths.

Red Frieze Wreaths.

Per doz.

6-inch, Limousine Wreath,	\$1.20
8-inch, Limousine Wreath,	1.50
10-inch, outside measure, -	2.00
12-inch, outside measure, -	2.50
14-inch, outside measure, -	3.00
16-inch, outside measure, -	4.00

RED RUSCUS

We import the raw material and dye it a CHRISTMAS RED.

Our importation consisted of the best EE quality and the same standard of second quality ruscus which is shorter and very suitable for wreaths and basket work.

Our EE Ruscus is worthy of due consideration as it is positively devoid of any black spots acquired through imperfect growth. Economically it is the best simply because we have not used chemicals in the preparation of it that would tend to increase the weight.

Per lb., 75c; 100 lbs., per lb., 60c

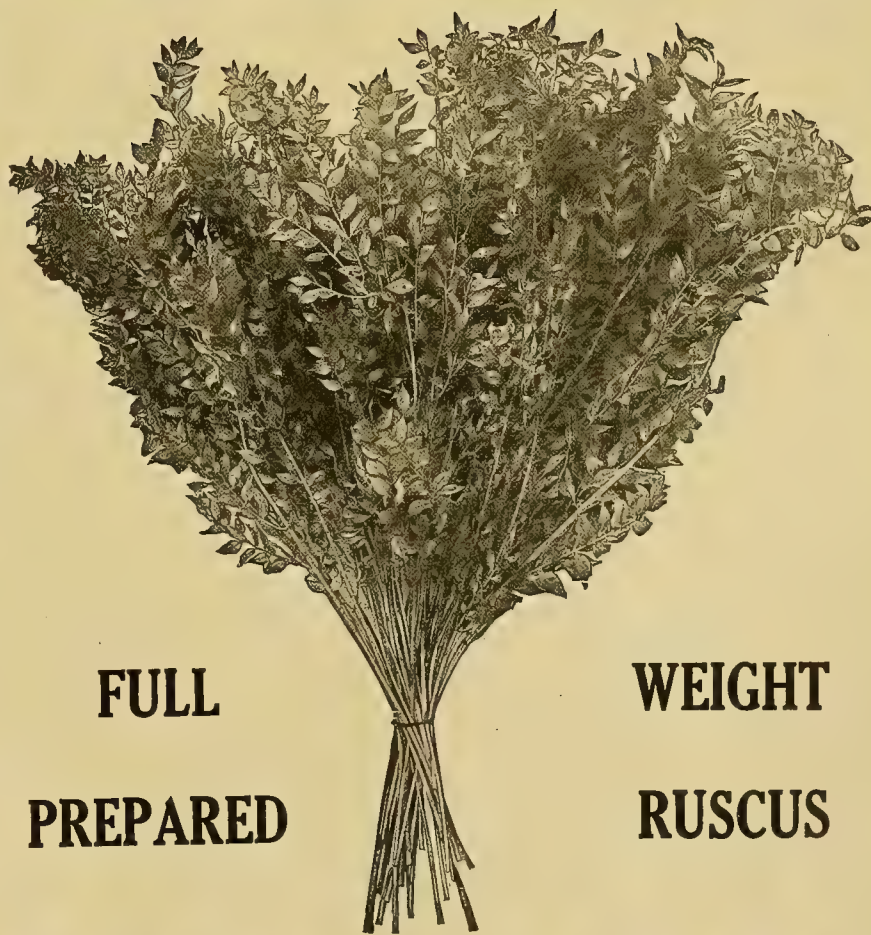
BEST EASTERN HOLLY

Per standard case, - - - \$ 5.00

Per 6 cases, - - - - - 25.00

Write for quotations on large quantities.

Large Velvet Poinsettias
PER DOZEN, \$1.00.



FULL

WEIGHT

PREPARED

RUSCUS

N BROS. CO.

Long Distance Phone,
Randolph 35. CHICAGO, ILL.

CARNATIONS

\$3.00 to \$4.00 per 100.

CHOICE SHIPPING ROSES

RUSSELLS—We are growing the finest Russells arriving in this market. All visitors to the greenhouses in the Chicago district say that our Russell are the best here. We cut our flowers tight in the bud as the majority of our trade is shipping. Flowers that are sold mostly to the city trade are allowed to open more than for the shipping trade. The roses which we are receiving in large quantities direct from our greenhouses within a few hours of being cut, enable us to fill all orders with strictly fresh stock. This is the great advantage of buying direct of the grower. Order here.

CURRENT PRICE LIST

American Beauties	Per doz.
Specials, extra long stems.....	\$6.00
30 to 36-inch stems.....	\$4.00 to 5.00
Medium stems.....	2.00 to 3.00
Shorter lengths.....	1.00 to 1.50

Hoosier Beauty, Rhea Reid, Ophelia, Sunburst, Shawyer.

	Per 100
Special.....	\$12.00
Extra long.....	\$8.00 to 10.00
Good medium.....	6.00
Short.....	4.00 to 5.00

Richmond, White and Pink Killarney Killarney Brilliant

Long.....	per 100,	\$8.00
Medium.....	"	\$5.00 to 6.00
Short.....	"	3.00 to 4.00

ROSES, our selection, in lots of 200 or more at the rate of \$30.00 per 1000.

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

BASSETT & WASHBURN

LONG DISTANCE PHONE:
CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

Mrs. Chas. Russell.

	Per 100
Special.....	\$20.00
Long.....	15.00
Medium.....	\$8.00 to 12.00
Short.....	6.00
Cecile Brunner.....	per 100, 2.00 to 3.00
BABY DOLL.....	per 100, 2.00 to 3.00
CARNATIONS, fancy.....	3.00 to 4.00
LILY OF THE VALLEY.....	6.00
STEVIA, very choice, 35c per bunch.	
ASPARAGUS SPRAYS and SPRENGER.....	2.00 to 3.00
FERNs.....	per 100, 25 cents; in lots of 1000 or more, \$2.50 per 1000.
ADIANTUM.....	1.00
GALAX, bronze and green.....	per 1000, \$1.25 to \$1.50

Chicago.

THANKSGIVING TRADE VERY GOOD.

The Thanksgiving trade was very good and considerably better than last year with a grand cleanup in practically all lines with the exception of a few white chrysanthemums, carnations, roses, lilies and Paper White narcissus. American Beauty roses had a splendid call and cleaned up early every day at high prices. Mrs. Chas. Russell, Milady, Richmond, Rhea Reid, Hoosier Beauty and Hadley also sold well and there was no surplus when the store closed at night. Ophelia, Sunburst, Mrs. Aaron Ward, Lady Alice Stanley, Francis Scott Key, Mrs. Moorfield Storey and Bayard Thayer were good sellers and were in short supply. Roses, in general, cleaned up almost completely with the exception of a few White Killarney. Chrysanthemums were in good demand, especially yellow and pink, which cleaned up, but there was practically no call whatever for white. Pompons never sold better for Thanksgiving than did they this year especially in the colored varieties which brought satisfactory prices. Orchids and gardenias were good property and all the stock offered sold quickly at good figures. Violets were in brisk demand and cleaned up at surprisingly good prices compared to former years. Sweet peas were none too plentiful but what stock was offered was disposed of almost as soon as it reached the store. Carnations did not move any too well and there was no demand to speak of outside of the colored varieties, which brought fairly

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

Cut Flower Buyers Should Read This

With the new connections we have made the past six months with the foremost growers in this part of the country we are in a position to offer you the most complete variety of cut flowers controlled by any one concern. This means that we are equipped to handle all of your orders to your entire satisfaction.

good prices but nowhere near the advertised quotations. Miscellaneous flowers were in good demand and certain items were in extra good call, especially calendulas and snapdragons. Considering the large supply of stock offered this Thanksgiving and the cleanup that was experienced in almost all lines everyone seems to be pretty well satisfied with the result and in nearly all instances report about a twenty per cent increase in sales over last year. Prices were not as high in some items as last year but taking everything into consideration the Thanksgiving trade was one of the best in years. The shipping trade was excep-

tionally good and the city demand was very satisfactory and from all reports the retail florists in general all had good business and disposed of what stock they had to offer. The out-of-town florists in most all instances also must have enjoyed good business for the demand immediately after Thanksgiving was surprisingly good and what little stock there was available was disposed of quickly at very satisfactory prices.

NOTES.

Joseph Michal has leased the John Michal store at Seventy-first street and Stony Island avenue, taking possession December 1.

The Pittsburgh Cut Flower Company

Novelties

(SUPPLY DEPARTMENT)

Every Day Requirements

Florists' Boxes—Tissue Paper—Wax Paper
Red and Green Adiantum—Frosted Pine Cones—Xmas Wreaths
Christmas Ribbons—Chiffons—Corsage Ties

(Do you receive our Cut Flower Price List ?)

CRIMPE WIRE HOLLY RINGS Per 100 Rings 8-in., 55c; 10-in., 60c; 12-in., 70c; 14-in., 75c; 16-in., 85c; 18-in., 90c; 20-in., 95c; 22-in., \$1.00; 24-in., \$1.10. TIN FOIL Bulldog Clips, 10 box lots...\$6.30	12-POUND FLORISTS' WIRE (Boxed) Size No. 18, \$1.10; 19, \$1.10; 20, \$1.15; 21, \$1.25; 22, \$1.30; 23, \$1.35; 24, \$1.45; 26, \$1.80; 36, \$4.60. STONE WIRE—12-Pound No. 19, 75c; 20, 80c; 21, 80c; 22, 85c; 23, 85c; 24, 90c; 25, 95c; 26, 95c; 36, \$2.00.	SEA MOSS Per 100 bunches 15 dram size bunches...\$7.50 \$10.00 WIRED TOOTH PICKS. FLORISTS' STICKS. FLORISTS' WIRE DESIGNS.
RED, GREEN RUSCUS Rich, vivid color, full of life; properly prepared. Per lb. Xmas Red, 25-lb. lots.....75c Green dyed, 25-lb. lots.....65c Green painted, 25-lb. lots.....65c	MAGNOLIA LEAVES "Superiora Brand." The best at any price. Guaranteed by "Dux," the manufacturer. Write for prices.	BOXWOOD SPRAYS From sunny southern states. Every pound merchantable. 50 pounds, tree or dwarf...\$ 7.50 100 pounds, tree or dwarf...\$13.50 Prices net f. o. b. Pittsburgh.
DIANA GRASS Or Minerva All colors, very well tipped. Per pound .....\$1.00 Assorted colors, per pound...\$1.15	IMMORTELLS Large bunches, all colors, extra fine holly red. Let us quote you on your requirements. Write for prices today.	MISTLETOE Best stock, free from surplus wood, rich and vigorous. 10-pound carton .....\$1.75 25-pound carton .....\$3.50 Ready December 15th.
FRIEZE ROPING Xmas Red Special.....75c roll Xmas Green Special.....60c roll Also blue, white, yellow, black, Nile, purple, orange, pink. Guaranteed full length, 60 yds.	PLANT BASKETS 4-in. to 12-in. pots. Baskets in unlimited quantities, in all the new shapes and colors. Selections at \$10.00, \$15.00 and \$25.00 are our feature.	RED WINTER BERRIES Well clothed branches, bright red berries; quality the best. Packed in cartons 24x12x8 in., about 10 lb. to carton.....\$1.75 Ready December 10th.
FRIEZE WREATHS Paper-Pressed Forms. 6", per 100, \$4.00; 12", \$ 6.00. 8", per 100, 4.70; 14", 8.70. 10", per 100, 5.00; 16", 10.80.	CUT FLOWER BASKETS From the tumblers to the largest made in all varieties and colors from 9 cents to \$8. Try our \$10, \$15 or \$25 assortment now.	SHEET MOSS Blue Ridge Fancy Green Moss, packed in a 3-bushel sack, well filled, choice quality, per sack .....\$1.50
VELVET POINSETTIAS Miniature diameter.\$3.00 per gross Medium-large .....\$1.00 per dozen Extra large .....\$1.25 per dozen RED PAPER CAPES 500 flowers, \$2.50; 1,000, \$5.00.	LYCOPodium Prepared Lycopodium, Xmas Red "Dux's," 1b.....\$1.00 Purple "Dux's," 1b......50 Green, the Best, 1b......25	WILD SMILAX We carry a fresh supply on hand during the season. XXX quality. Large size case .....\$5.00 Half size case.....\$3.50 Ferns, Galax, Mexican Ivy.
HOLLY BERRIES Artificial on short covered wire, 10 gr. for \$1.50. Artificial Flowers. Artificial Ferns. Plenty of Red Artificial Flowers.	BUTTERFLIES AND MOTHS In Celluloid for flower bowls, also on long wire for Pot Plants. Bird Baths and Bowls in crystal and black glass.	CREPE PAPER Waterproof, full size, all colors, per roll.....\$.25 Assorted colors, per 100....\$20.00 Wax Paper, White and Green.

RIBBONS, CHIFFONS, CORSAGE TIES AND CORDS

PITTSBURGH CUT FLOWER COMPANY
116 and 118 Seventh Street, PITTSBURGH, PA.

BIG CROP OF ROSES

BEAUTIES, CARNATIONS, 'MUMS, POMPONS

Very highest quality obtainable in the Chicago market, and plenty for everyone at the prices quoted below. Send us a trial order today and you will never regret it. **Seeing is believing.**

Current Price List--

Subject to Change
Without Notice.

BEAUTIES	Per doz.
Extra select	\$5.00
36-inch stem	4.00
30-inch stem	3.50
24-inch stem	2.50
20-inch stem	2.00
15-inch stem	1.50

ROSES	Per 100
Killarney.....	Select
White Killarney.....	Fancy
Sunburst.....	Medium
Richmond.....	Short
Killarney Brilliant.....	
Ophelia.....	

ROSES	Per 100
OUR SELECTION	\$4.00
Elgar	2.00
Baby Doll	2.00

CARNATIONS	Per doz.
Select	\$3.00
Fancy	2.00
Medium	1.50

CHRYSANTHEMUMS	(All Colors)
Fancy	per doz., \$2.50
Good	per doz., \$1.50 to 2.00
Small	per 100, 8.00 to 10.00
POMPONS	per bunch, 35c to 50c

MISCELLANEOUS	Per 100
Valley	\$ 6.00
Lilies	\$12.50 to 15.00
Adiantum	1.00
Ferns	per 1000, \$2.00 to 2.50
Galax, bronze and green.....	per 1000, 1.25
Smilax	per doz., 2.00
Asparagus Sprengeri.....	per bunch, 50c
Asparagus Plumosus.....	per bunch, 50c
All Other Green Goods at Market Prices.	

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

Seventy-two years ago Michael Lochner, driving an ox team, used to ford the Chicago river at Morton Grove on his way to the city. November 28 he helped to dedicate the Scott bridge, on the site of the ford. The bridge, which cost \$20,000, is intended to facilitate the heavy automobile traffic in that region. Mrs. A. F. Poehlmann broke a bottle of champagne on the abutment by way of christening the structure. Then a celebration was held at the Wayside Inn. Among those present were Peter Reinberg, president of the county board; Commissioners Owen O'Malley, Bartley Burg, Thomas Kasperski and William Busse; A. F. Poehlmann, A. H. Poehlmann, Henry Loutsch, George Harrer, Louis Reimer, Henry Fink, Henry Zender, and August Geweke, president of the Cook County Truck Gardeners' Association.

Wietor Bros. had a tremendous call for pompons for Thanksgiving, especially for the two late pink varieties, Billy Primrose and E. D. Godfrey, which sold like hot cakes. These two varieties will be offered the coming season and will be in good demand, for they made a big hit with the city buyers who took all the cut stock available all through the season. This firm is cutting an exceptionally fine supply of American Beauty and Ophelia roses and the outlook never was more encouraging for a banner crop for the holidays.

The late William L. Kroeschell, who died November 23, left an estate valued at \$11,000, according to papers filed in the probate court. In Mr. Kroeschell's will executed April 8, 1882, all of his property is bequeathed to his widow, Mrs. Iola Kroeschell, who is named executrix.

The John Kruchten Co. is pleasing its customers with a fancy grade of orchids and lily of the valley. Another

Roses===Carnations===Chrysanthemums

Everything else in seasonable Cut Flowers and Greens.

CHRISTMAS SUPPLIES

Red Ribbons, Red Chiffons, Red Baskets, Red and Green Frieze, Waterproof Crepe Paper, Magnolia Leaves, Etc.

ORDER EARLY AND AVOID THE RUSH

Write for our weekly wholesale cut flower price list.

O. A. & L. A. Tonner
30 E. Randolph Street, Phone, Central 6284. CHICAGO, ILL.

HOLLY

\$2.25
PER CASE.

Southern Wild Smilax, per case	\$2 50
Dyed Sheet Moss, per bag 100 square feet	3 50
Natural Sheet Moss, per bag 100 square feet.....	1 75
Long Needle Pines, assorted sizes 2 to 4 feet, per doz.,	1 25
Grey Moss, 25-lb. bags, per bag.....	2 50

E. A. BEAVEN,

Evergreen, Ala.

large shipment of boxwood was received this week and the store force is busy bunching it up for the holidays.

A. Billerbeck, of the Garfield Park Floral Co., says that his first Thanksgiving trade was very good and much better than he expected it would be.

PETER REINBERG

WHOLESALE FLORIST

30 East Randolph St.,

Long Distance Central 2846,
Phones: 601.

CHICAGO

LARGE QUANTITIES

ROSES AND CARNATIONS

Best Stock Obtainable in the Chicago Market at the Prices Quoted, so Place Your Orders With Us
Fancy Sweet Peas, Lilies, Lily of the Valley and Complete Line of Greens.

Buy Direct From The Grower

Current Price List.

Subject to Change Without Notice.

AMERICAN BEAUTIES—

	Per doz.
Extra long stems.....	\$5.00
48-inch stems.....	4.00
36-inch stems.....	3.00
30-inch stems.....	2.50
24-inch stems.....	2.00
20-inch stems.....	1.50
15-inch stems.....	1.00
Short.....	\$6.00 to \$8.00 per 100..... .75

	Per 100
Richmond.....	
Killarney.....	
White Killarney.....	Extra select..... \$10.00
My Maryland.....	Select..... 8.00
Sunburst.....	Medium..... \$5.00 to 6.00
Ophelia.....	Short..... 4.00
Milady.....	
Brilliant.....	

MRS. CHAS. RUSSELL—

	Per doz.
Specials.....	\$2.50
Select.....	\$1.50 to 2.00
Short.....	.75 to 1.00

	Per 100
ROSES, our selection.....	\$ 3.00
Carnations.....	3.00

Chrysanthemums..... per doz.,	\$2.00 to \$3.00
Pompons..... per bunch,	.35 to .50
Sweet Peas.....	.75 to 1.50
Harrisii.....	12.50 to 15.00
Valley.....	6.00
Adiantum.....	1.00
Asparagus..... per bunch,	.50 to .75
Ferns..... per 1,000.....	2.50
Galax, bronze and green, per 1,000,	\$1.25
Boxwood..... per bunch;	\$7.50 per case

2,000,000 Feet of Modern Glass

The Chicago Flower Growers Association



182 North Wabash Avenue

L. D. Phone Randolph 631

CHICAGO

HEAVY SUPPLY

LATE PINK CHRYSANTHEMUMS

Extra fine Helen Frick, the best pink Chrysanthemum obtainable in the Chicago Wholesale Market right now. Also fine supply of choice White Chrysanthemums, particularly Jennie Nonin.

Russell-Ophelia-Milady-Brilliant

Our receipts of roses are large at present and include practically all the leading varieties grown in the vicinity of the Great Central Cut Flower Market. Just now we are offering particularly fine **Russell, Ophelia, Milady, and Brilliant** at attractive prices. Also those popular miniature roses, **Old Gold, Fireflame, Baby Doll and Elgar.**

Get in touch with us in regard to your Christmas Supply—Special consideration to those who place their orders well in advance.

Seventy-five Expert Growers Producing Everything Sold in the Chicago Wholesale Market
Consign Their Stock Here Which Enables Us To Fill All Orders In Full At All Times.

ORDER HERE—YOU CAN'T DO BETTER ELSEWHERE.



A. T. PYFER & CO.

Wholesale Florists

30 E. Randolph Street,

Long Distance Telephone
Central 3373

CHICAGO, ILL.

Joseph Ziska & Sons have leased the entire second floor, 60x120 feet, in the Durand building, at 169 North Wabash avenue, for ten years starting January 1, 1917. This is a good move for the Ziskas, who are crowded for room in their present store at 151 North Wabash avenue and whose ever-increasing supply business has made it necessary for them to secure larger quarters. Their new place is directly over the E. C. Amling Co.'s new store and right across the street from the LeMoynes building, in which the A. L. Randall Co., J. A. Budlong, Chicago Flower Growers' Association, E. C. Amling Co., Bassett & Washburn and the American Bulb Company, are now located. Joseph Ziska has been in business for thirty-five years and is well and favorably known to the trade. Three sons, John, Joseph, Jr., and Raymond, are now associated with him in business.

Miss Christina Pearson, who was formerly employed as stenographer at A. L. Vaughan & Co.'s store, will leave soon for her native home in Sweden. Her many friends in the trade regret to hear of her departure, but sincerely hope that she will reach home safely.

C. Frauenfelder, 3343 West Madison street, has a nice supply of Roman hyacinths and Paper White narcissus of his own to supply his trade with. He expects to have a large number of French grown miniature hyacinths ready for delivery at Christmas.

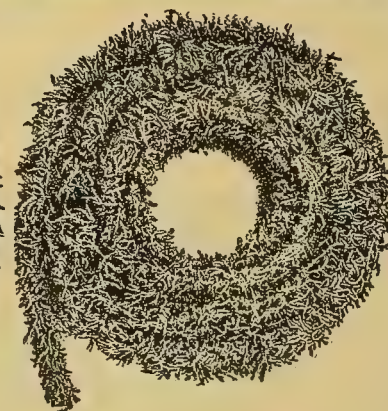
Percy Jones is handling a good supply of Mrs. Frances King gladioli and freesias in addition to a large and complete supply of all other seasonable cut flowers. The Thanksgiving trade at this house was very satisfactory compared to former years.

Sinner Bros. are going to have the best crop of roses for Christmas that they have had for years, which accounts for the smile that John is wearing nowadays. Their Mrs. Chas. Russell roses are particularly fine.

Wille-Douglass, 3954 West Harrison street, had a splendid Thanksgiving trade, which is the result of careful attention to their customers' orders in the past.

C. B. LeMer, of Simpson's, says that the Thanksgiving trade was fine at both the 3656 Ogden avenue and Austin stores.

D. E. Freres is handling a fine supply of roses and carnations in all the leading varieties.



WRITE
OR
WIRE

Don't Be Late.

FOR LATEST PRICES

VAUGHAN'S XXX HOLLY

BOUQUET GREEN, BULK
BOUQUET GREEN WREATHING
EVERGREEN AND HOLLY WREATHS

Ask for Price List Boxwood, Immortelles and all Xmas Stock.

CHICAGO Vaughan's Seed Store, NEW YORK

MOSSSES

Dyed Sheet Moss, per bag 100 square feet.....	\$3 50
Natural Sheet Moss, per bag 100 square feet	1 75
Grey Moss, 25 lb. bags, per bag.....	2 50
Southern Wild Smilax, per case.....	2 50
Long Needle Pines, assorted sizes 2 to 4 feet, per doz.....	1 25
Holly, standard case.....	2 25

E. A. BEAVEN,

Evergreen, Ala.

O. A. & L. A. Tonner report an increase of 50 per cent in their cut-flower sales for Thanksgiving over last

year, and are more than pleased with the amount of business done in the supply department.



is the time to make arrangements for your Christmas Supply. Our stock will be larger and more complete than ever so get in touch with us at once.

Beauties-Orchids-Roses-Carnations-Valley-Lilies-Etc.

CURRENT PRICE LIST:

AMERICAN BEAUTY Per doz.	
Extra long stems	\$5.00 to \$6.00
Stems 30 to 36 inches	4.00
Stems 24 inches	3.00
Stems 18 inches	2.00
Stems 12 inches	1.50
Short Stems	100, \$6.00 to \$8.00

MRS. CHAS. RUSSELL Per 100	
Special	\$20.00 to \$25.00
Select	12.00 to 15.00
Medium	8.00 to 10.00
Short	5.00 to 6.00

ROSES	
Richmond, special	\$10.00 to \$12.00
" select	6.00 to 8.00
" short	3.00 to 4.00
Milady, special	10.00 to 12.00
" select	6.00 to 8.00
" short	3.00 to 4.00
Killarney Brilliant, special..	10.00 to 12.00
" " select	6.00 to 8.00
" " short	3.00 to 4.00
Hoosier Beauty, extra special.	15.00
" " special	10.00 to 12.00
" " select	6.00 to 8.00
" " short	3.00 to 4.00

ROSES—Continued. Per 100	
Ophelia, special	\$10.00
" select	\$ 6.00 to 8.00
" short	3.00
White Killarney, special.....	8.00 to 10.00
" " select	4.00 to 6.00
" " short	3.00
Killarney, special	8.00 to 10.00
" select	4.00 to 6.00
" short	3.00
Mrs. Ward, special.....	8.00
" " select	4.00 to 6.00
" " short	3.00
Sunburst, special	8.00 to 10.00
" select	4.00 to 6.00
" short	3.00
Cecile Brunner	2.00 to 3.00

ROSES, OUR SELECTION.. 4.00
Extra special roses billed accordingly.

CARNATIONS	
Good Common	\$ 2.00
Large and fancy	3.00

CHRYSANTHEMUMS Per doz.	
Small	\$ 1.00 to \$ 1.50
Medium	2.00 to 2.50
Fancy	3.00 to 4.00
Pompons.....per bunch, 25c to 50c	

MISCELLANEOUS Per 100	
Violets	\$ 0.75 to \$ 1.00
Valley	6.00
Easter Lilies	12.50 to 15.00
Stevia	1.50 to 2.00
Strawflowers .....	.25 to .35
Calendulas	2.00 to 4.00
Paper Whites	3.00
Daisies	1.50 to 2.00
Sweet Peas	1.50 to 2.00

ORCHIDS Per doz.	
Cattleyas	\$7.50 to \$9.00
Vandas, fine large sprays, 25c per flower.	
Dendrobiums, Cypripediums and Oncidiums at Market Prices.	

GREENS	
Asp. plumosus, per string...	\$0.50
Asp. plumosus sprays, bunch.	\$0.35 to .50
Sprengeri .....	.35 to .50
Adiantum	per 100 1.00
Smilax, choice.....per doz.	1.50 to 2.00
Fancy ferns	per 1,000 2.00 to 2.50
Galax leaves	per 1,000 1.25
Mexican Ivy .....	.75
Leucothoe Sprays .....	.75
Wild Smilax	per case 5.00
Boxwood	
per lb., 25c; 50 lb. case..	7.50
Red Winter Berries.....	
...\$2.00 to \$3.00 per case	

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave. Chicago

BOXWOOD SPRAYS Our Supply Comes From the Old Plantations of the South.

We will furnish good, clean, glossy, green sprays (free from excess wood), every pound merchantable and useable.

50 pounds, \$7.50; 100 pounds, \$13.50 net, f. o. b. Pittsburgh, Pa.

Green Sheet Moss, 3-bushel sack, filled.....\$1.50 Selected Mistletoe..... 10 pounds, \$1.75; 25 pounds, \$3.50
Wild Smilax, 50 pound size case.....\$5.00

HAVE YOU RECEIVED OUR CHRISTMAS BOOKLET ON FLORIST SUPPLIES?

Pittsburgh Cut Flower Co., 116-118 7th St., Pittsburgh, Pa.

A. L. Vaughan & Co. report that their Thanksgiving trade was much better than last year and are more than pleased with the amount of business done. They handled a tremendous supply of American Beauty roses and orchids, but disposed of every flower before the rush was over. They have added several new growers to their list this week, which means a larger than ever supply for the holidays.

D. K. Clink, secretary and treasurer of the International Federation of Commercial Travelers' Organizations, wears a carnation every day in the year.

A. E. Hunt & Co. are having a good run on calendulas, which they are cutting in quantity in addition to a fancy grade of daisies and stevia.

SOUTHERN WILD SMILAX

\$2.50 PER CASE.

Holly, standard case.....	\$2 25
Dyed Sheet Moss, per bag 100 square feet.....	3 50
Natural Sheet Moss, per bag 100 square feet.....	1 75
Long Needle Pines, assorted sizes 2 to 4 feet, per doz.,	1 25
Grey Moss, 25-lb. bags, per bag.....	2 50


E. A. BEAVEN, Evergreen, Ala.

PLENTY OF Roses and Carnations

— of all the leading varieties —

together with all the Novelty Roses, besides a daily supply of Valley, Lilies, Violets, Sweet Peas, Paper Whites and other seasonable stock as well as Greens of all kinds.

Why Not Use The Best For Your Trade?

 Remember we grow the bulk of stock that is placed in shipping orders, thereby assuring you of getting **Absolutely Fresh Stock** bound to reach you in good condition and in a measure **Saving You the Commission Man's Profit**. In addition we **make no charge for Boxes or Packing** which, likewise is a saving to you. Therefore you can increase your profits and business by sending your orders to

Chicago's Most Up-to-date and best located Wholesale Cut Flower House

**Quality
Speaks
Louder
Than
Prices.**

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

**ROSES, VALLEY
and CARNATIONS
A Specialty.....**

**WHOLESALE
Grower of**

CUT FLOWERS

**Prices
As
Low
As
Others.**

 **SHIPPING ORDERS GIVEN CAREFUL ATTENTION.**

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Poehlmann Bros. Co. has added a seven-ton Sterling truck to its delivery service, which, at present, is being used to haul coal from the tracks to Plant B at Morton Grove, and marks another step toward efficiency at their modern plant, and does away with the old team and wagon style of transporting the fuel from one point to another. August Poehlmann timed the unloading of a car of coal at Plant A last Saturday, December 2, and was somewhat surprised to find that it only took twelve minutes to haul the car up the incline and drop the coal in the bin and return the empty car back to where it originally stood. He is a firm believer in modern methods of doing things, which accounts for the splendid condition that the stock is in at the greenhouses, especially the Christmas azaleas, begonias and cyclamens, of which they have an unusually large supply.

W. H. Amling, of Maywood, has a reputation of growing high grade cut flowers and it was just called to the writer's attention in a rather amusing way, that he is also producing some unusually large lemons on the few trees that he has in his greenhouses. He gave a friend one to take home the other day, who prized it most highly and intended to place it on exhibition at his store, but when he went to the ice-box the next morning to get it he found that it had disappeared, and upon investigation, learned that his mother had mistaken it for a grapefruit and eaten it for breakfast. She remarked at the time that it was simply splendid but somewhat sour. Naturally the son, who is going to celebrate a birthday in the very near future, is having a glorious time at her expense.

Allie Zech says that Zech & Mann's Thanksgiving trade was great and helped make the month the best No-

HOLLY

**\$2.25
Per Case**

Southern Wild Smilax.....	\$2 25 per case
Fadeless Sheet Moss, 100 square feet.....	3 50 per bag
Natural Sheet Moss, 100 square feet.....	1 75 per bag
Southern Grey Moss, 25 pounds.....	2 50 per bag
Long Needle Pines, assorted 2 to 4 feet.....	1 25 per doz.

Caldwell The Woodsman Co., Evergreen, Ala.

WANTED

Names of retail florists and buyers of cut flowers who wish to keep posted on special bargains in Chicago Market. Send in your name—no charge for this information.

M. C. GUNTERBERG,

158 N. Wabash Ave., Chicago

vember that the firm has had since it started in business. He is making preparations for Christmas and will have plenty of all kinds of stock to supply their customers with, but is advising everyone to place their orders well in advance.

Charles Drissler, of the Wieter Bros.' store force, is rejoicing over the arrival of a ten-pound baby girl at his home last week. The little suffraget's name is Miss Jeannette.

C. F. Block, of the Block Floral Co., Columbus, O., was in the city this week, buying stock for the holidays.

Andrew Chronis, of the Alpha Floral Co., has the sympathy of the trade in

the loss of his youngest son, John, whose death occurred last week.

Mrs. Caroline Rubens, mother of Mrs. M. B. Hirsch, wife of the well-known florist, 346 East Fifty-first street, died last week.

Fred Longren, well-known knight of the grip, is home from an extended trip and will remain until after the holidays.

H. B. Kennicott says that Kennicott Bros. Co.'s November sales were away ahead of those of the same month of 1915.

Mrs. J. E. Lord, of Topeka, Kans., was a visitor in the wholesale market December 4.

SHOP NOW.

We do not solicit new accounts during the Holiday rush because we have no time for misunderstandings—neither have you—but don't you think right now would be a good time to test us out?

We want to show you, the man who has never bought from us—the man who has, knows—just what

KENNICOTT QUALITY PLUS KENNICOTT SERVICE

would mean to you. Shoot in some trial orders now and see for yourself, then each of us will know just what to expect from the other, **DO IT NOW.**

 Watch for our Xmas Price List next week.

Established 1883

Incorporated 1892

KENNICOTT BROS. Co.

WHOLESALE COMMISSION FLORISTS

163-5 North Wabash Avenue,

CHICAGO

Telephone Central 466.

A large number of flowers were sent to the eight new county officials and the state's attorney, Monday, December 4, by their friends and acquaintances, when formal inauguration ceremonies were held in the county building and state's attorney's office. The offerings were many and beautiful and represented a large quantity of stock.

T. E. Waters, manager of Poehlmann Bros. Co.'s supply department, is to be congratulated for the splendid supply of ruscus, Japanese frieze, baskets and Italian grasses that he has on hand for the Christmas trade. The last shipment of Italian grasses that was unpacked last week is the finest that the firm ever received.

The Chicago Flower Growers' Association is offering a large quantity of late pink chrysanthemums, which are in brisk demand, in addition to a splendid supply of Mrs. Chas. Russell, Milady, Ophelia and Killarney Brilliant roses. The Thanksgiving trade was very good at this establishment and exceeded all expectations.

Miss Doris Clamage, daughter of Mr. and Mrs. Max Clamage, 1745 West Polk street, and Louis R. Finnerman, will be married Sunday evening, December 17. The ceremony will be held at five-thirty o'clock at Likuse's hall, 2039 West Twelfth street. Mr. Finnerman is with A. Henderson & Co.

John Michelsen says that the E. C. Amling Co.'s Thanksgiving business was fine and the best in years. This house is handling a large supply of choice Mrs. Chas. Russell, Milady and American Beauty roses.

N. P. Miller, of Miller & Musser, says that the latest reports from the Michigan red winter berry dealers are that they will be scarce for the holidays and much higher in price than was at first expected.

Southern Wild Smilax

\$2.50 Per Case.

Holly, standard case.....	\$2 25 per case
Fadeless Sheet Moss, 100 square feet.....	3 50 per bag
Natural Sheet Moss, 100 square feet.....	1 75 per bag
Southern Grey Moss, 25 pounds.....	2 50 per bag
Long Need'e Pines, assorted 2 to 4 feet.....	1 25 per doz.

Caldwell The Woodsman Co., Evergreen, Ala.

PREPARED CYCAS LEAVES

BEST QUALITY.

PERFECT COLOR.

VERY PLIABLE.

100 Assorted Sizes up to 36 inches long, \$4.80.

GET OUR LATEST LIST OF OTHER SUPPLIES.

GEO. H. ANGERMUELLER

Wholesale Florist

1324 PINE STREET

ST. LOUIS, MO.

At A. T. Pyfer & Co.'s store a large quantity of choice carnations and roses are the principal offerings and consist of all the best new and standard varieties. A large supply of asparagus is handled regularly at this busy establishment.

Schiller's had a very satisfactory Thanksgiving trade at each one of their three stores with a heavy demand for pompons and chrysanthemums.

The American Bulb Co. has been unpacking a large shipment of Christ-

mas supplies all this week, including a complete line of baskets. The arrival of a large shipment of dormant roses is reported.

M. C. Gunterberg had a heavy call for double violets for Thanksgiving and sold out all she had to offer at an early hour at high prices.

Hoerber Bros. are cutting a good supply of roses, particularly Killarney and Ophelia, of unsurpassed quality.

A. Henderson and Allie Zech will celebrate another birthday, Saturday, December 9.



Order Your Supply Now!

Make Your Selection of These Six Special Offers and Let Us Have Your Orders as Early as Possible.—Do it today if Convenient.

Plant Baskets.

No. 1—\$18.00.

12 Plant Baskets for plants ranging in size from 5 to 10-inch pots.

No. 2—\$12.00.

12 Plant Baskets for plants ranging in size from 5 to 10-inch pots.

No. 3—\$8.00.

12 Plant Baskets for plants ranging in size from 5 to 10-inch pots.

Cut Flower Baskets.

No. 1—\$7.50.

25 Baskets for short-stemmed cut flowers.

No. 2—\$15.00.

25 Baskets for medium-stemmed cut flowers.

No. 3—\$19.00.

25 Baskets for long-stemmed cut flowers.

Willow and Reed used exclusively in our Baskets. Prices include liners.

WRITE FOR OUR NEW CATALOGUE.

RAEDLEIN BASKET COMPANY

713 Milwaukee Ave..

CHICAGO

A. B. C.

"WATCH US GROW."

RIBBONS, PINS, SHIELDS, TIES and TRICATINE NOVELTY EFFECTS

AMERICAN BULB CO., IMPORTERS OF FLORISTS' NECESSITIES
172 N. WABASH AVENUE, CHICAGO, ILL.

Peter Reinberg had the best Thanksgiving business in the history of the firm, according to Felix Reichling, who adds that stock of all kinds cleaned up early at very satisfactory prices. The outlook for a large supply of roses for the holidays never was better, especially as far as American Beauty, Mrs. Chas. Russell and Richmond are concerned.

Word was received here this week from Melbourne, Florida, of the death of Mrs. Andrew McAdams, wife of the well-known retail florist, and mother of Miss Mae McAdams. The McAdams formerly made their home in this city and have the sympathy of the trade in the loss of their loving wife and mother.

Vera Alice, 14-year-old daughter of Charles and Grace G. Neighlich, died after a lingering illness this week. Services were held in Grace M. E. Church, corner of Locust and North LaSalle streets, Tuesday, December 5, at 2 p. m., with interment in Rosehill cemetery.

The A. L. Randall Co. is booking a nice lot of orders for rooted cuttings of the new carnation Thenanthos, of which they are exclusive distributors, and which will be grown on a large scale by many of the leading growers in this vicinity next season.

J. A. Budlong had a very satisfactory Thanksgiving trade and business has been brisk ever since then, especially in the shipping line. This firm is cutting a fine grade of roses and will be in splendid crop, as usual, for the holidays.

Kyle & Foerster are having a good demand for gardenias, which they are receiving regularly in addition to a complete line of all other seasonable cut flowers. A fine grade of stevia is included in the regular shipments.

MOSSES

Fadeless Sheet Moss, 100 square feet.....	\$3 50	per bag
Natural Sheet Moss, 100 square feet.....	1 75	per bag
Southern Grey Moss, 25 pounds.....	2 50	per bag
Southern Wild Smilax.....	2 25	per case
Long Needle Pines, assorted 2 to 4 feet.....	1 50	per doz.
Holly, standard case.....	2 25	per case

Caldwell The Woodsman Co., Evergreen, Ala.

Xmas Greens

ORDER NOW.

Choice Case Holly, Holly Wreaths and Laurel Roping. Can furnish any amount. Write your requirements.

H. E. CONWELL, Milton, Delaware

Erne & Klingel had their share of the Thanksgiving business and cleaned up almost completely before the rush was over. They are handicapped to a certain extent for lack of room and could use more floor space to good advantage.

Bassett & Washburn report business as very good, especially as far as the shipping trade is concerned. They are cutting a fine grade of roses, especially American Beauty and Mrs. Chas. Russell, which are in exceptionally brisk demand.

Boxwood Sprays

Bright, Clear Stock.

25 pound lots or more,
10c per pound.

H. AUSTIN, Felton, Del.

George Reinberg is cutting from a nice crop of roses, especially Ophelia, which is being grown on a very large scale.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS

L. D. Phone, Randolph 6578

CHICAGO, ILL.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS

L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists

Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

The Largest, Best Equipped,
Most Centrally Located

WHOLESALE

CUT FLOWER HOUSE

IN CHICAGO

174-6 N. Wabash Ave., CHICAGO

L. D. Phones

CENTRAL 1977 and 1978.

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.Wholesale Cut Flowers,
Florists' Supplies.

Gus Pappas, who sold out his interests in the Alpha Floral Co.'s store at Des Moines, Ia., recently, is visiting friends here. He is planning on locating in South America and will leave for Buenos Aires in the near future, where he expects to embark in the real estate business. His health has not been any too good of late, but a change of climate no doubt will do him a world of good.

Vaughan's Seed Store received another carload of hardy lily bulbs this week; also lily of the valley clumps and pips and three carloads of Dutch and Belgian greenhouse stocks for both in and out-door trade.

The regular meeting of the Chicago Florists' Club will be held at the Hotel Morrison, Thursday, December 7, at 8 p. m., when the election of officers will take place.

Weiland & Risch are on deck with a

Wholesale Flower Markets

Chicago.			
CURRENT PRICE LIST.		Per doz.	
Roses, Beauty, specials.....	\$ 5 00@	\$ 7 50	
" " 36-in.....		4 00	
" " 30-in.....	3 00@	3 50	
" " 24-in.....	2 00@	2 50	
" " 20-in.....		2 00	
" " 18-in.....	1 00@	1 50	
" " short.....	per 100, \$4 00@	6 00	

" Mrs. Chas. Russell.....	\$5 00@	35 00	
" Hoosier Beauty.....	4 00@	15 00	
" Killarney Brilliant.....	3 00@	12 00	
" Killarney.....	3 00@	10 00	
" White Killarney.....	3 00@	10 00	
" Richmond.....	3 00@	10 00	
" Prince de Bulgarie.....	3 00@	10 00	
" Rhea Reid.....	3 00@	12 00	
" My Maryland.....	3 00@	10 00	
" Mrs. Geo. Sawyer.....	3 00@	10 00	
" Milady.....	3 00@	12 00	
" Sunburst.....	3 00@	10 00	
" Mrs. Aaron Ward.....	3 00@	10 00	
" Hadley.....	3 00@	12 00	
" Ophelia.....	3 00@	12 00	
" Double White Killarney.....	3 00@	10 00	
" Mrs. Moorfield Storey.....	3 00@	10 00	
" Champ Weiland.....	3 00@	10 00	
" Stanley.....	3 00@	10 00	
" Tipperary.....	3 00@	10 00	
" Francis Scott Key.....	3 00@	12 00	
" Bayard Thayer.....	3 00@	12 00	
" Cecile Brunner.....	2 00@	3 00	
" George Elgar.....	2 00@	3 00	
" Baby Doll.....	2 00@	3 00	
" Fireflame.....		4 00	
" Our selection.....		4 00	

Carnations.....	2 00@	3 00	
Cattleyas.....per doz., 7 50@	9 00		
Vandas.....	25c per bloom.		
Gardenias.....	\$4 10 per doz.		
Sweet Peas.....	75@	1 50	
Daisies.....	1 00@	2 00	
Ca'endulas.....	2 00@	4 00	
Snappedragons.....	50@	\$1 00 per doz.	
Chrysanthemums.....	per doz.,	1 50@	4 00
Pompos.....	per bunch, 25@	50	
Violets.....	per 100, 1 00@	1 50	
Lilium Harrisii.....	12 50@	15 00	
Valley.....	5 00@	6 00	
Adiantum Croweanum.....	1 00@	1 50	
Stevia.....	per 100	1 50@	2 00
Paper Whites.....	per 100	3 00	
Strawflower.....per bunch	25@	35	
Ferns.....	per 100, 2 00@	2 50	
Galax.....	1 00@	1 25	
Leucothoe.....		75@	1 00
Mexican Ivy.....per 1000,	5 00@	6 00	
Plumosus Strings.....each,	60@	75	
Smilax.....per doz.,	2 00@	2 50	
Sprengerl, Plumosus Sprays.....	3 00@	4 00	
Boxwood, 25clb., per case.....	7 50		
Wild Smilax.....per case,	36 00		
Winterberries, per case,	2 00@	3 00	

good supply of fancy snapdragons and Champ Weiland roses.

Visitors: A. E. Andersen, Cameron Falls, Minn.; Herbert Hecht, representing Wertheimer Bros., New York; Harry Saier, Lansing, Mich.; Mrs. Evans, La Salle; Chas. Pahud, of the

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

HOERBER BROS.

Wholesale Cut Flowers
Growers of

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave., Chicago

WEILAND & RISCH

GROWERS AND SHIPPERS

CUT FLOWERS

154 N. WABASH AVE., CHICAGO

PHONE CENTRAL 879

SHIPMENTS EVERYWHERE IMMEDIATE DELIVERIES

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 No. WABASH AVE., CHICAGO
Telephone Central 466

Pahud Floral Co., and G. Bookedis, Indianapolis, Ind.; Mrs. J. A. Rovatzos, Minneapolis, Minn.

CHRISTMAS

UNDOUBTEDLY THE LARGEST

Mme. Petrick, Vervaeneana, and Petrick Superba. Very Choice Plants at 75c,
Owing to the high ocean rates and marine insurance good Azaleas will be higher in price.
Insure your Christmas supply by planting



AZALEA.

Florists, Take Notice!

We will have 2,000 to 3,000 Azaleas, 12 to 14-inch and 14 to 16 inch which have lost a part of their foliage in transit which we call seconds but are otherwise in good condition. These are fairly good plants and will be offered at greatly reduced prices. They can be used to good advantage in combination effects. Get them now.

Araucaria Excelsa, 5-inch pot, each, . \$0.50 to \$0.60
 " " 6-inch pot, each, . .75 to 1.00
 " " 7-inch pot, each, . 1.25 to 1.50
Araucaria Robusta Compacta, 7-in. pot, each, . 2.00
 Larger Specimens, \$3.00 to \$5.00 each.



BEGONIA.

HEATHER.

Limited Supply. So Place
Your Orders Early.

7-inch, . . . \$2.50 to \$3.00 each
 Larger Specimens, . \$5.00 to \$7.50 each

BOXWOOD.

15-18-20-inches, - 50c, 60c and 75c each

A Nominal Charge is Made
for Packing.



ARAUCARIA.

Pandanus Veitchii, 4-inch pot, each, . \$0.50 to \$0.60
 " " 6-inch pot, each, . .75 to 1.00
 " " 7-inch pot, each, . 1.25 to 1.50
 " " 8-inch pot, each, . 2.00

Crotons, 4-inch pot, each, . \$0.50 to \$0.60
 " 5-inch pot, each, . .75 to 1.00

Rubber Plants, 5-inch pot, each, . \$0.50 to \$0.60
 " 7-inch pot, each, . .75 to 1.00

Asparagus Sprengeri, 3-inch pot, each, . \$0.50 to \$0.60
 " 4-inch pot, each, . .75 to 1.00

Asparagus Plumosus, 2½-inch pot, each, . \$0.50 to \$0.60
 " 3-inch pot, each, . .75 to 1.00

Table Ferns, 2½-inch pots, per 10, . \$5.00 to \$6.00
 " 3-inch pots, per 10, . \$4.00 to \$5.00
 " 4-inch pots, per 10, . \$3.00 to \$4.00

English Ivy, 4-inch, each, . \$0.50 to \$0.60

Holly Ferns, 5-inch, each, . \$0.50 to \$0.60

Coleus, Emperor William, 5-inch, each, . \$0.50 to \$0.60

POEHLMAN

MORTON GROVE,

Long Distance

AZALEAS

SUPPLY IN THE COUNTRY.

.00, \$1.25, \$1.50, \$2.00, \$2.50, \$3.00, \$4.00, \$5.00 and \$7.50 each.

an in former years and much scarcer. One importer reports 30,000 Azaleas frozen.
your order as early as possible.

BEGONIAS.

Tremendous supply of magnificent plants for the holidays.

Absolutely the finest obtainable.

Begonia Chatelaine, 3-inch, per 100,	\$ 8.00
“ “ 4-inch, per 100,	15.00
Begonia Cincinnati, 6-inch, each,	\$1.00 to \$1.25
“ “ 7-inch, each,	1.50 to 2.00
Begonia Lorraine, 4-inch, each, . . . . .	.30
Begonia Melior, 6-inch, each,	\$1.00 to 1.25
“ “ 7-inch, each,	1.25 to 2.00
Begonia Mrs. J. A. Peterson, 4-in., each, . . . . .	.50
“ “ “ “ 5-in., each, . . . . .	.75 to 1.00



CYCLAMEN.

ch,	\$0.35
ch,	\$0.75 to 1.00
ch,	1.25
ch,	2.00
. . . . .	.40
. . . . .	.60
.	\$0.50 to .75
\$1.00, \$1.50, \$	2.00
s, per 100,	6.00
s, per 100,	10.00
ts, per 100,	3.50
, per 100,	7.00
.	3.50
.	8.00
.	15 00
.	0.15
. . . . .	.25
, each, \$0.25 to \$0.35	



POINSETTIA.

CYCLAMENS.

Large Quantity of Fine Plants for
Christmas. Plenty for everyone.

5-inch pot, per doz.,	\$ 6.00
6-inch pot, per doz.,	9.00
7-inch pot, per doz., \$12.00, \$15.00, \$18.00	

POINSETTIAS.

Our Usual Supply.

7-inch pans, each,	\$0.75
8-inch pans, each,	\$1.00 to 1.50

N BROS. CO.

Phone--Randolph 35.

ILLINOIS.

For Your Christmas Business

We expect to have plenty of BEAUTIES--ROSES--CYPRIPEDUMS--GARDENIAS

LET US QUOTE YOU ON YOUR REQUIREMENTS.

THE LEO NIESSEN CO.,

1201-5 Race St., Philadelphia, Pa.

Philadelphia.

THANKSGIVING TRADE EXCELLENT.

Thanksgiving has come and gone and it certainly was a very prosperous one—far better than last year, with general conditions on the two days following much better than usual after a holiday, everything worth while being taken. The chrysanthemum supply, while not large was very good, the later varieties helping out and the better quality bringing good prices that gave the growers cause for thanksgiving. Roses advanced in price and showed improvement in quality. The supply was short. American Beauty sold as high as \$6 per dozen. Fancy Russell was in good demand as were also Sunburst, Ophelia, While Killarney and Prima Donna. Carnations were in large supply, the quality being good and the demand strong. Orchids were exceedingly scarce, the supply being inadequate for requirements and found a ready sale at 75 cents each, with the better grades bringing \$1. Lilies, though selling more freely, still moved slowly, the supply being plentiful. Violets were very scarce and the better grades easily brought \$1.50 per 100. The lily of the valley supply continued short with a brisk demand, quality stock bringing \$8 per 100. Sweet peas had a good call and found a ready sale at \$1 and \$1.50 per 100 sprays. Antirrhinums, bouvardias, callas, Paper Whites and stevias, were plentiful and brought good prices. The demand for cyclamen and begonia plants was especially good and a liberal supply of greens moved well.

CLUB MEETING.

The monthly meeting of the florists' club was held December 5, the feature of the evening being a splendid talk on "Co-operation and Organization," by Bartley J. Doyle, vice-president of the World's Salesmanship Congress. There was a good attendance and the speaker was listened to with much interest. He enumerated the good qualities that enter into the making of a successful businessman, and from the florists' point of view, showed the value of organized co-operation. Eugene Bernheimer, for the Florex Gardens, exhibited a vase of the new rose, September Morn.

NOTES.

A meeting of the local committee of the American Rose Society was held December 5 and various matters pertaining to exhibits thoroughly discussed. The schedule has not been arranged as yet and nothing definite will be done in this regard until after the meeting of the executive committee in New York, December 11, at which time a number of important matters will be settled which will give the local committee definite programmes to work out.

A. M. Campbell, of the Strafford Flower Farms, Strafford, Pa., is delighted with the sales of his new chrysanthemum, Strafford, the demand far exceeding the supply. Over 20,000 blooms were cut, all of which were sold and many orders could not be filled.

R. L. Smith, of the King-Construction Co., North Tonawanda, N. Y.,

BEAUTIES-RUSSELL AND OPHELIA ROSES VALLEY AND VIOLETS

and all other flowers in season. Ferns, Galax, Magnolia Leaves, Asparagus, Adiantum, Etc.

H. G. BERNING,

WHOLESALE FLORIST

1402 PINE STREET,

ST. LOUIS, MO.

EDWARD REID

American Beauties, Orchids, Valley. High Grade Roses and Carnations.

This is the exclusive shop, only one block from Express Depots.

1619-1621 Ranstead Street,

PHILADELPHIA, PA.

Wholesale Flower Markets

BUFFALO, Dec. 6.		Per 100
Beauty Special.....	40 00@	50 00
" Fancy.....	30 00@	35 00
" Extra.....	20 00@	25 00
" 1st.....	15 00@	20 00
" 2nd.....	4 00@	8 00
Roses, Killarney.....	3 00@	10 00
" My Maryland.....	4 00@	10 00
" Sunburst.....	4 00@	10 00
" Ward.....	4 00@	6 00
" Ophelia.....	5 00@	12 00
" Russell.....	6 00@	20 00
" Stanley.....	6 00@	12 00
" Mock.....	3 00@	8 00
" Sawyer.....	5 00@	12 00
Lily of the Valley.....	6 00@	7 00
Lilies.....	10 00@	12 00
Cattleyas.....	50 00@	60 00
Carnations.....	3 00@	4 00
Chrysanthemums.....	5 00@	20 00
Violets.....	1 00@	1 25
Asparagus Sprengerii.....	35@	50
Ferns.....	per 1000,	2 50
Smilax.....	15 00@	20 00

CINCINNATI, Dec. 6.		Per 100
American Beauty, per doz.....	75@	4 00
Roses, Killarney.....	3 00@	8 00
" Mrs. Chas. Russell.....	6 00@	10 00
" Ophelia.....	4 00@	10 00
" Richmond.....	3 00@	8 00
" Sunburst.....	3 00@	8 00
" Taft.....	3 00@	8 00
Carnations.....	2 00@	4 00
Lilium Giganteum.....	10 00@	12 50
Lily of the Valley.....	6 00@	
Orchids.....	7 50@	9 00
Narcissus.....	2 00@	3 00
Violets.....	50@	75
Stevia per bunch.....	25@	35

BOSTON, Dec. 6.		Per 100
Roses, Beauty.....	20 00@	60 00
" Killarney Queen.....	4 00@	12 00
" White and Pink Killarney.....	4 00@	12 00
" Double White Killarney.....	4 00@	12 00
" Killarney Brilliant.....	6 00@	16 00
" Hadley.....	6 00@	16 00
" Cardinal.....	4 00@	8 00
" Mock.....	8 00@	16 00
" Mrs. Chas. Russell.....	8 00@	16 00
" Sunburst.....	8 00@	16 00
" Taft.....	4 00@	6 00
" Milady.....	4 00@	8 00
" Ward and Hillingdon.....	4 00@	8 00
" My Maryland.....	50@	5 00
Cattleyas.....	60 00@	75 00
Lily of the Valley.....	5 00@	8 00
Sweet Peas.....	50@	1 00
Carnations.....	1 50@	5 00

WELCH BROS. CO.

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Cut Flower Market

262B DEVONSHIRE STREET,
BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 a. m.

Mention the American Florist when writing.

BERGER BROS.

Central Market

ROSES, ORCHIDS, VALLEY

High Grade Carnations

Always high grade Easter Lilies

1225 Race St.,

Philadelphia, Pa.

C.C. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., Milwaukee, Wis.

Wholesalers and Growers of
**Choice Cut Flowers
and Greens**

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

Mention the American Florist when writing.

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers in Kansas City. If on the market, we have it. Get our prices and we will fill your orders. Satisfaction guaranteed.

1016-1018 McGee Street

Kansas City, Mo.

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STUART MILLER, WHOLESALE FLORIST

Always Seasonable Flowers

ORCHIDS, VALLEY, ROSES, EASTER LILIES

Unexcelled Opening for Carnation Consignors

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House of America...

EVERYTHING THE BEST IN FLORISTS' SUPPLIES

1127 Arch St., Philadelphia, Pa.

Trade Directory

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Fancy Ferns

Special Picked. Leave Your
Regular Orders with Us.

Lily of the Valley and Orchids, Chrysanthemums, Lilies,
Fancy Roses and Carnations.

FLORISTS' SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist.
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Dec. 6.		Per 100
Roses, Beauty, special.....	25 00@30 00	
" fancy.....	16 00@20 00	
" extra.....	12 00@15 00	
" shorter grades.....	6 00@10 00	
Mrs. Chas. Russell.....	3 30@15 00	
Prima Donna.....	3 00@15 00	
Killarney.....	2 00@6 00	
White Killarney.....	2 00@6 00	
Liberty.....	2 00@6 00	
Hadley.....	4 00@12 00	
Sunburst.....	3 00@6 00	
Ophelia.....	3 00@8 00	
Hoosier Beauty.....	4 00@6 00	
Carnations.....	1 00@2 00	
Cattleyas.....each, \$0 40@	50	
Lilium Longiflorum.....	8 00@10 00	
Valley.....	4 00@6 00	
Chrysanthemums.....	6 00@20 00	
Calendulas.....	2 00@4 00	
Daisies, yellow.....	1 00@3 00	
" white.....	1 00@3 00	
Violets, single.....	50@75	
" double.....	50@75	

PITTSBURGH, Dec. 6.		Per 100
Roses, Beauty, special.....	30 00	
" fancy.....	25 00	
" extra.....	20 00	
" No. 1.....	10 00	
Killarney.....	2 00@8 00	
My Maryland.....	2 00@8 00	
Sunburst.....	2 00@6 00	
Mrs. Aaron Ward.....	2 00@5 00	
Cattleyas.....	5 00	
Lilium Giganteum.....	10 00	
Carnations.....	3 00	
Lily of the Valley.....	6 00	
Chrysanthemums doz., 1 00@3 00		
Snapdragons.....	4 00	
Daisies.....	1 00	
Paper Whites.....	4 00	
Violets.....	75	
Adiantum.....	1 25	

MILWAUKEE, Dec. 6.		Per 100
Roses, Killarney and W. Killarney	3 00@8 00	
" Ward.....	3 00@8 00	
" Mrs. Chas. Russell.....	5 00@20 00	
" Ophelia.....	4 00@10 00	
" Hoosier Beauty.....	3 00@10 00	
Lilies.....	12 50@15 00	
Cattleyas.....per doz., 9 00		
Carnations.....	2 00@4 00	
Rubrum.....	4 00	
Valley.....	6 00	
Chrysanthemums.....	1 00@3 00	
Violets.....	75@1 00	

DAVID WELCH

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WHOLESALE AND

COMMISSION FLORISTS

FLORISTS' SUPPLIES

280 and 282 Devonshire St.,
BOSTON, MASS.

Consignments of Beauties, Lilies of the Valley,
Orchids and all other flowers received daily.

Telephone—Court Hill 2964, 2965.

Philadelphia Wholesale Florists' Exchange

HIGH GRADE ROSES, EASTER LILIES
and other Seasonable Flowers.

Up-to-the-Minute Service. Satisfaction Guaranteed.

1615 Ranstead St., Philadelphia, Pa.

ST. LOUIS, Dec. 6.		Per 100
Beauty, Special.....	5 00 per doz.	
" Fancy.....	4 00	
" Extra.....	3 00	
" No 1.....	2 00	
" No 2.....	1 50	
" Short.....	8 00	

Hadley.....	4 00@8 00
Killarney.....	3 00@6 00
Hoosier Beauty.....	4 00@8 00
Richmond.....	4 00@8 00
Sunburst.....	3 00@8 00
Ward.....	2 00@5 00
Mrs. Shawyer.....	6 00@15 00
Mrs. Russell.....	6 00@15 00
Ophelia.....	3 00@8 00
Carnations.....	1 50@2 00
Valley.....	4 00@6 00
Lilies.....	10 00
Orchids.....	50 00@60 00
Ferns.....per 1000.	2 00

Bulbs--Boxwood--Nursery Stock Sales at Auction Every Monday and Thursday at 10 a. m.

Note Sales Days—MONDAY and THURSDAY.

JOHNSON & MILLANG, Inc.

Consignments Solicited.

10,000 Square Feet Devoted to Our Auction Business.

Coogan Bldg., 55-57 W. 26th St., NEW YORK

Under Cut Flower-Exchange.

Branch Store, 165 W. 34th St.

Write for Catalogue. Ask for Prices.

spent Thanksgiving in this city calling on his old friends and incidentally attending the Penn-Cornell game. He is an old Penn graduate.

M. C. Wright, who has been manager of the office of the Lord & Burnham Co., in this city, for a number of years, has been appointed manager of the Chicago office. L. A. Woodward will act as his assistant.

C. W. Jennings is sending in a fine lot of Prima Donna roses from his range at Olney, which find a ready market at the S. S. Pennock-Meehan Co.'s establishment.

E. J. Fancourt, of the S. S. Pennock-Meehan Co., says advance orders for supplies are good, with excellent prospects for fine Christmas business.

The Leo Niessen Co. is receiving a fine lot of gardenias from Robert Scott & Son. The quality is excellent and the supply good.

Edward Reid had a good supply of lily of the valley and orchids for Thanksgiving, which sold readily at good prices.

Macaw Bros., of Norwood, find a good demand for the excellent quality of ferns of which they make a specialty.

Wm. Didden of Mt. Moriah lane has purchased a new auto truck to take care of his rapidly increasing business.

The Chalfont Cut Flower Co. is sending in a fine lot of carnations which sell readily. T. C.

New York.

THANKSGIVING BUSINESS FAIR.

Although there were several deterrent features, it can be stated that the Thanksgiving business was very fair; what these features were will be noted. In the first instance, an impression had gone abroad that stock would be scarce, which was an error as there was plenty of stock, but a considerable quantity of it reached the market too late. Acting on the supposition of a scarcity, the wholesalers put up prices, November 28, to a high figure, and the leading men among them now acknowledge that prices were started too high. However, even with high prices, business was good until about noon of November 29 when a slump set in. Rain in the evening and on Thanksgiving day completed the breakdown. Carnations and violets in particular, went to pieces. Carnations, November 28 and forenoon of the following day sold for \$4 and \$5 per 100, whereas by Thanksgiving morning they could be bought for \$2 and \$3 and there were many that could not be moved at those figures. Violets shared the same fate. They were started at \$1.50 and \$1.75 with \$2 for specials, but on the 29th, as one dealer put it, "they stopped buying," and on Thanksgiving morning they could be bought for 50 cents per 100, the bad weather having given them the finishing stroke. While the market held firm, prices were about as follows: American Beauties, specials, 75 cents each, the shorter grades in proportion; tea roses, such as Killarney, Ophelia, Sunburst and J. L. Mock, specials, 12 to 20 cents, No. 1's six to eight cents. Such roses as Hadley, Russell and Prima Donna brought higher prices, though we believe that but few Prima Donnas went above 20 cents. Hadley

went to 50 and 60 cents, Russell 20 to 35 cents, according to quality. Special orchids were \$1 and \$1.25 each, lilies six and eight cents, lily of the valley five and eight cents, gardenias, most of which were poor stock, \$3 and \$4 per dozen. There was a great stock of chrysanthemums on the market, some of which was poor, but there was enough good stock to supply the demand at from \$2 to \$4 per dozen. Eaton, Jennie Noonan, Goldmine Bonaffon and several other varieties were in good form. The bronze variety, Glenview, which sold a year ago for \$9 per dozen, came in, as a rule, this year in bad shape, the stems being weak at the neck. Some of them reached the market in "splints" and such stock is unsalable. Many Glenviews were disposed of at from \$1.40 to \$2.50 per dozen and many could not be sold even at these prices. Paper White was slow at from \$2 to \$3 per 100. Good sweet peas were not plentiful and the best brought \$3 per 100. In pompon chrysanthemums and calendulas, there was considerable business at fair prices. Snapdragons seemed slow sellers but bouvardia moved freely. As is always the case the day after a holiday, business was light, December 1, the arrival of stock being correspondingly light. Some of the dealers had considerable stock left over from Thanksgiving on their hands, particularly in violets and carnations, and such of it that sold, went cheap. There was more life in the market on Saturday morning, December 2. The supply of roses in particular, was not large and prices were at near Thanksgiving figures. Violets were an exception, being hard to move at 50 to 75 cents per 100. High prices for roses and carnations may now be expected until Christmas. The chrysanthemums seem to be pretty well cut out and nobody, particularly the rose and carnation growers, will be sorry. It can be said, however, that they were a great boon to the Thanksgiving trade.

December 4.—With a very moderate supply of stock, business is normal. Roses are bringing good prices, though there is some stock of Hoosier Beauty on the market, with weak stems, that drag. Orchids are a little more plentiful, but firm. Lilies are moving freely, but lily of the valley is slow. Carnations are active. Violets, very uncertain, as some special stock brings \$1 per 100, but what is left over goes cheap. Good chrysanthemums are scarce.

NOTES.

Henry Hart, 1000 Madison avenue, is back again, into what is practically a new store and a fine one at that, the interior being nearly all glass and

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York.



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—We are—

Wholesale Florists

Have twenty-two years' experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

GUTTMAN & RAYNOR,

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2037 NEW YORK

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64 West 26th St., NEW YORK

(Opposite Coogan Building)

20 years experience

Consignments Solicited and Prompt RETURNS GUARANTEED.

Nippon Garden, Inc.

Successors to Satow & Suzuki.

259 Fifth Avenue, NEW YORK

Greenhouses: Woodside, L. I.

Telephone: Madison Square 8950.

We are headquarters for Japanese Miniature Gardens. Fern Dishes, Vases, Flower Pots, Jardinieres and Dwarf Plants. A great stock of Fern Monkeys and Fern Balls.

able. Workmen spent almost the entire summer and fall on the building, and though they were slow, they have done a good job.

Charles Falkenheim, of the Basket Novelty Company, 73-75 West Houston street, has recently returned from an extended western trip and reports good trade. Business is very active at their factory, where all kinds of fancy basket work is turned out.

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone:
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 Successors to Badgley, Riedel & Meyer.
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 PHONES—4024 and 4025 MADISON SQUARE

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All the NEW ROSES, CARNATIONS and
Seasonable Flowers.

HORACE E. FROMENT
WHOLESALE COMMISSION
All the New and Standard Varieties of Roses,
Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
 Telephones: Farragut 300 and 301

John Young & Co.
Wholesale Commission Florists
53 W. 28th St., NEW YORK
 Telephone 7362 Madison Square
Mention the American Florist when writing.

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J. J. COAN, Inc.
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 Telephone Farragut 9761

Goldstein & Futterman
WHOLESALE FLORISTS
The Right People to Deal With.
102 West 28th St., New York
Mention the American Florist when writing.

Wholesale Flower Markets

NEW YORK, Dec. 6.		Per 100
Roses, Beauty, special.....	50	00@60 00
" extra and fancy.....	30	00@40 00
" No 1 and No 2.....	10	00@20 00
" Prima Donna.....	4	00@15 00
" Alice Stanley.....	3	00@12 00
" Francis Scott Key.....	6	00@40 00
" Mrs Geo. Shawyer.....	3	00@10 00
" Double White Killarney.....	4	00@12 00
" Killarney, Special.....	8	00@10 00
" " No 1 and No 2.....	2	00@ 4 00
" " Queen.....	4	00@12 00
" " Brilliant.....	4	00@12 00
" Aaron Ward.....	6	00@15 00
" Richmond.....	3	00@10 00
" Sunburst.....	6	00@12 00
" J L Mock.....	4	00@20 00
" Ophelia.....	4	00@15 00
" Mrs. Chas. Russell.....	3	00@15 00
" Cleveland.....	3	00@12 00
" Hadley.....	5	00@60 00
" Hoosier Beauty.....	2	00@15 00
Cattleya Orchids, special.....each,	75	@ 1 00
" inferior grades.....	40	@ 50
Bouvardia.....	2	00@ 6 00
Rubrams.....	4	00@ 6 00
Lilies, Longiflorum and Harrisii.....	6	00@ 8 00
Lily of the Valley.....	4	00@ 5 00
Carnations.....	3	00@ 5 00
Chrysanthemums.....per doz,	1	50@ 3 00
" Novelties, per doz.....	4	00
Gardenias.....per doz,	3	00@ 5 00
Sweet Peas.....	75	@ 1 25
Snapdragons.....	8	00@10 00
Violets.....	50	@ 1 00
Paper White Narcissus.....	2	00@ 3 00
Adiantum Croweanum and		
Hybridum.....	75	@ 1 00
Asparagus Plumosus.....doz. bchs.	2	50@ 3 00
Smilax.....doz. strings,	75	@ 1 00

United Cut Flower Co., Inc.

WHOLESALE
111 West 28th St., New York
 Telephones: Farragut { 4422 }
 { 4423 }
Mention the American Florist when writing.

HOUSE OF FERNS

Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.
Mention the American Florist when writing.

Frank H. Traendly Charles Schenck
Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 796 and 799 Farragut.
Orchids, Roses, Carnations and all the other
best products of the leading growers.
Consignments solicited.

WM. KESSLER,
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange

Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.

Desirable well space to rent for advertising.

V. S. DORVAL, Secretary.

The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
 Florist Trade at Wholesale.
 Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK

George B. Hart
WHOLESALE FLORIST

24-30 Stone St., Rochester, N. Y.

M. C. Ford
121 WEST 28th STREET
NEW YORK
 Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the
 market can always be relied upon.

Telephone Farragut 634, 3066

HERMAN WEISS
Wholesale Florist
106 W. 28th St., NEW YORK

GEO. W. CRAWBUCK, Pres.
George W. Crawbuck Co.
 (INC.)
Wholesale Commission Florists
47 WEST 28th STREET, NEW YORK
 Telephone, Madison Square 5296.

ARNOLD BOXES ARE BEST



Leading Retail Florists Everywhere Say So.

Many Chicago florists use no other kind as they have found from experience that Arnold Boxes suit their purpose best and are the most reasonable in price, taking quality into consideration.

Write for samples and prices or better yet order your supply today

A. A. Arnold Paper Box Co., 1302-1308 W. Division St.,
CHICAGO, - ILLINOIS.

C. Sarris has bought the retail business at 3544 Broadway, formerly known as the Washington Heights Floral Co., from P. Velotas, who has another store at 2445 Broadway. He is a clever man and has had large experience as a retailer.

A new and neat retail store has recently been opened at 728 Madison avenue, by Daniels & Markellos. Mr. Daniels, who was formerly employed by Fleischman, has a brother, Thomas Daniels, who is a successful Brooklyn retailer.

The next meeting of the florists' club will be held in the Grand Opera House building, Eighth avenue and 23rd street, on the night of December 11. As it will be election night, its is expected that there will be a full attendance.

Jack Trepel, who a few months ago, opened a retail store in the heart of the business district of Brooklyn, 480 Fulton street, to be exact, is doing a fine business and his store is very handsomely arranged.

Some of the finest carnations seen in the Thanksgiving trade were at Angelo Dentale's, 41 West 28th street. They were Enchantress of good size and color with two-foot stems, and they soon cleaned up.

The College Florist, who recently bought the retail business at 3064 Broadway, has a good store and keeps it well stocked with cut flowers and plants.

The Nippon Garden, Inc., has opened another good store at 2386 Broadway, miniature gardens and Japanese dwarf plants being prominent in their stock.

Exceptionally fine Russell roses were seen at J. J. Coan's, which were grown by August Doemling of Landsdowne, Pa. They sold for 35 cents each.

George Watson, of Philadelphia, the celebrated hayseed salesman, none other, blew into this city November 29, and doubtless bagged a lot of orders.

Peter Papagianis has opened a new store at 2578 Broadway, which bears the title of the Central Florist.

A. Rosen, a well known designer of Brooklyn, will be married, December 10, to Miss Rae Greenberg.

ENGLISH HOLLY

600 Pounds, Plain Green.

300 Pounds, with Choice Red Berries.

Plain Green.....	25c per pound, F. O. B.
Finest Red Berried....	50c per pound, F. O. B.
Extra Fine Variegated.....	50c per pound, F. O. B.

(SOME WITH BERRIES.)

This is the Finest Lot of Holly ever offered in the Northwest.

—CASH PLEASE.—

HARPER—Florist

1533½ Tacoma Avenue, TACOMA, WASH.

Xmas Decorations

Select Delaware Holly Japanese Frieze

Select Delaware Holly Wreaths

Immortelles

Lycopodium Wreathing

Write for Prices. Let us book your order.

ST. LOUIS SEED CO., 411-413 Washington Ave.,
ST. LOUIS, MO.

Manager Rigby, of the S. S. Pen-nock-Meehan Co., has been receiving fine Spencer sweet peas which sold for \$3 per 100.

Mrs. Retta E. Rankin, of the House of Ferns, had a good trade in Florida asparagus.

(Continued on page 1124.)

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established 1857.



739 Buckingham Place.

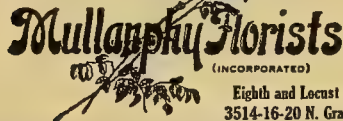
L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

St. Louis, Mo.

Wm. A. Seeger
Nat. M. Kingsley
Martin J. Seeger



Eighth and Locust Sts.
3514-16-20 N. Grand Av.

Telegraph orders filled on short notice in St. Louis
and rest of Missouri.



Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

106 STATE STREET.

Toronto, Can.

Canada's best known and most reliable florist

Only the **Dunlop's** Best

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee safe arrival.

Milwaukee, Wis.



J. M. Fox & Son, Inc.

437-39-41 Milwaukee St.

Members Florists' Telegraph Delivery Association.

THOS. F. GALVIN INC.

NEW YORK 561 Fifth Ave.

BOSTON 1 Park Street
799 Boylston Street

Deliveries to steamers and all Eastern Points.

Max Schling
 NEW YORK.
 No. 22 West 59th Street
 Adjoining Plaza Hotel
 Member of the Florists' Telegraph Delivery.

Original Decorations a Specialty.

Branch:
THE VANDERBILT HOTEL
 Main Phone, Murray Hill, 783
 Branch " " 1808
 Park Ave. and-
 34th St.



Member F. T. D.
426 Madison Ave.
 And 49th St., NEW YORK

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of Florists' Telegraph Delivery.

REUTER'SFor Rhode Island and Connecticut
STORESNew London, Conn., Norwich, Conn. and
Westerly, R. I.

Members of Florists' Telegraph Delivery.

Young & Nugent

Telephone 2065-2066 Madison Square.
 42 West 28th Street,

To out-of-town florists:
 We are in the Heart of **NEW YORK**
 And give special attention to steamer and theater
 orders. Prompt delivery and best
 stock in the market.

Members of Florists' Telegraph Delivery.

Bangor, Me.

Adam Sekenger
FLORIST

No. 32 NEWBURY STREET

We cover all points in Maine.

Denver, Colo.

The Park
Floral Co.J. A. VALENTINE,
President.

Members of Florists' Telegraph Delivery.

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNY STREET

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for
 delivery in the Twin Cities or the
 Northwest.

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded
 to any part of the United States,
 Canada and all principal cities in
 Europe. Orders transferred or en-
 trusted by the trade to our selection
 for delivery on steamships or else-
 where receive special attention.

Reference or Cash must accompany all orders
 from unknown correspondents.

Cable address; Alexconnell,

Western Union Code.

Chicago.

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.

Largest and most centrally located store in
 the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store. Greenhouses.

Member of Florists' Telegraph Delivery.

Syracuse, N. Y.

MILES S. HENCLE
FLORIST

536 SOUTH SALINA STREET

General designs—All flowers in season

**LOUISVILLE, KY.****THE F. WALKER CO.**

310-312 West Chestnut Street

ARGEST FLOWER STORE IN THE CITY

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing.

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Mention the American Florist when writing.

SEATTLE, WASH. HOLLYWOOD GARDENS

Seattle's Leading Flower Shop

1536 SECOND AVE.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing.

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

Mention the American Florist when writing.

Philadelphia, Pa.

The London Flower Shop, Ltd.

1800 Chestnut Street

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing.

Pittsburgh, Pa.

A.W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America.

Established 1874. Incorporated 1909.

Mention the American Florist when writing.

DANKER

ALBANY, N. Y.

Member Florist Telegraph Delivery.

Miami Floral Co.,

Orders promptly filled.

MIAMI, FLORIDA.

New York Notes.

It was stated in the Brooklyn Eagle Sunday, December 3, that on December 4 a warrant would be asked for the arrest of Charles Lenker, a florist of Freeport, L. I., and well known in this city, on the charge of insulting the American flag. The announcement was made on the authority of a committee representing the Freeport post of the Grand Army of the Republic, the lodges of Elks and Junior Order of American Mechanics, which has been investigating the charges against Lenker. The committee had sworn statements from eight prominent citizens that Lenker had said that, "The American flag was a dirty rag with which he would not wipe his hands," and that, "the United States never had a President who was fit to sweep the Kaiser's streets."

Joseph A. Millang, who sells the product of the Cottage Gardens Co., Queens, N. Y., advises us that the new pink carnation, Cottage Maid, brings more money than any other carnation, and though he is receiving a large stock, he does not get enough to supply the demand.

William P. Ford, 107 West 28th street, is receiving fine stock of the new rose, Canadian Queen. It is a fine pink, a good keeper and sells well. He is also receiving exceptionally fine stock of Hadley, which brings the price of special American Beauty.

In the past, Dailedouze Bros., Flatbush, have been noted for their fine carnations, and though they yet grow carnations, they are now very successful with such roses as Francis Scott Key, Hoosier Beauty and Ophelia.

G. Messeberg, Flatbush, grows a variety of cut flowers and plants. He has a fine stock of poinsettias coming on for Christmas; also, a variety of foliage plants.

A. Demusey, Flatbush, has a fine stock of carnations. Particularly noteworthy is his sport of Enchantress, which is a very fine color.

Reports from various sections of the city indicate that, as a rule the retailers had good Thanksgiving business.

Frank Pileski, of Whitestone, is erecting four houses, each 18x100 feet, for general stock.

One of Max Schling's staff has stated that at their store it was a "Little Christmas." A. F. F.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery.

New York.

Henry Hart, Inc.

FLORIST

1000 Madison Avenue

Telephone—Lenox 3822.

In the Heart of the most exclusive residential section.

Mention the American Florist when writing.

Omaha, Neb.

Hess & Swoboda

FLORISTS

1415 Farnum St.

PHONES:

1501 and 11582

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing.

DES MOINES

IN THE CENTER OF IOWA



J. S. Wilson Floral Co.

We cover all points in Iowa.

Members of Florists' Telegraph Delivery.

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of Florists' Telegraph Delivery.

Washington, D. C.

Blackstone.

14th and H. Street.

Philadelphia, Pa.

M. J. CALLAHAN

FLOWERS

3924 Market Street Both Phones

SIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



Mention the American Florist when writing.

Brooklyn, N. Y.

JOSEPH TREPEL

BROOKLYN'S LARGEST FLORIST
SEVEN STORES

Main store— 334 Lewis Ave., Telephone
No. 1150 Bedford
Telegraph orders delivered to all parts of New York City,
Brooklyn and Long Island.

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heint)

336 Superior St., Toledo, O.
Both Phones, 527.

Special attention to Mail and Telegraph Orders
Member of Florists' Telegraph Delivery.

Rochester, N. Y.

**I. B. KELLER SONS,
FLORISTS**

25 Clinton Avenue, N.

Rochester Phone, 506 Long Dist. Bell Phone 2189
Members of Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City

Duluth, Minn.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries
everywhere in Minnesota. Wisconsin, North
Dakota, South Dakota and the Upper Penin-
sula of Michigan. All orders given prompt
attention and filled with strictly fresh stock.

Houston, Texas.

**Robt C. Kerr
Floral Co.**

Main and McKinney Phone, Preston 160

LEWIS HENDERSON, Florist
1814 Douglas St., OMAHA, NEB.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing.

City Index to Retail Florists
Filling Telegraph Orders.

Albany, N. Y.—Danker.
Albany, N. Y.—Eyles, 106 State St.
Amsterdam, N. Y.—John C. Hatcher.
Augusta, Me.—Robbins, F. A., 122 Winthrop St.
Bangor, Me.—Sekenger, Adam, 32 Newbury St.
Boston, Mass.—Comley, Henry R.
Boston, Mass.—Thos. F. Galvin, Inc.
Boston, Mass.—Penn, The Florist.
Brooklyn, N. Y.—Brooklyn Cut Flower Market.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Briggs Floral Co.
Chicago—Central Floral Co., 132 N. State St.
Chicago—Friedman, 522 S. Michigan Blvd.
Chicago—Alpha Floral Co.
Chicago—C. Fraenfelder, 3343 W. Madison St.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel, 17 E. Monroe St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Witthold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters Co.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pike Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Mattews, the Florist.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alfred Lozier Rosery.
Des Moines, Ia.—J. S. Wilson Floral Co.
Detroit, Mich.—Central Floral Co., 35 Broadway.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
El Paso, Texas—Potter Floral Co.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Harrisburg, Pa.—Charles L. Schmidt.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles, Calif.—Howard & Smith.
Los Angeles, Calif.—Seki Bros. & Co.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Milwaukee, Wis.—J. M. Fox & Son, Inc.
Montreal, Quebec—The Dominion Floral Co.
Miami, Fla.—Miami Floral Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
Newburyport, Mass.—E. W. Pearson.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Henry Hart, Inc.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia, Pa.—M. J. Callahan.
Philadelphia—The London Flower Shop, Ltd.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Pittsburgh, Pa.—Mrs. E. A. Williams.
Providence, R. I.—T. J. Johnston & Co.
Pueblo, Colo.—McMurray, D. M.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Schenectady, N. Y.—John C. Hatcher.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Foster, Fred.
St. Louis, Mo.—Grimm & Gory.
St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Joseph's, 233-35 Grant Ave.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Springfield, O.—Van Meter Flower Shop.
Springfield, Mass.—N. F. Higgins.
Steubenville, O.—Huscroft's Flower Shop.
Syracuse, N. Y.—Miles S. Hencle.
Terre Haute, Ind.—J. G. Heint & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Wilmette, Ill.—Pyfer & Olsem.
Williamsport, Pa.—Evensen Bros. Co.
Worcester, Mass.—Randall's Flower Shop.

Chicago.

BRIGGS FLORAL CO.

228 W. Madison St.
801 Sheridan Road.

Special attention paid to telegraph orders in Chicago and vicinity. One of our stores is located in the heart of the city and the other in the select north side residential district.

Mention the American Florist when writing.

Los Angeles, Calif.

SEKI-BROS. & CO.

Wholesale and Retail Florists

We grow All kinds of Decoration
our own flowers a Specialty

Phone A-2550 229 W. 4th Street

Mention the American Florist when writing.

PYFER & OLSEM

WILMETTE, ILLINOIS

Careful attention to all mail or telegraph orders for delivery in Wilmette—Chicago's North Shore Suburb—Evanston, Kenilworth Winnetka, Glencoe, Lake Forest.

Mention the American Florist when writing.

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Established 1849

David Clarke's Sons

2139 2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most carefully executed.

Kansas City, Mo.

**A. Newell
FLORIST**

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Lang Floral & Nursery Co., Dallas, Texas

1303 Main Street

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

Sedalia, Missouri.

Archias Floral Co.

Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.

Member of Florists' Telegraph Delivery.

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FLORIST AND DECORATOR

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Telephone 1813 Main JOS. LEVY
BROOKLYN
Cut Flower Market, Inc.
Floral Designs a Specialty
356 FULTON STREET
BRANCH: 408 Fulton St.
BROOKLYN, N. Y.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members of Florists' Telegraph Delivery.

PHILIPS BROS, 938 Broad St.
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Beauties Our Specialty.

Los Angeles, Calif.
Wolfskill Bros. and
Morris Goldenson
Cut Flower Merchants.

We solicit telegraph orders. Regular trade disct.
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Kansas City, Mo.
Samuel Murray,
1017 Grand Avenue

Member of Florists' Telegraph Delivery.

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PAUL M. PALEZ
FLORIST

All orders carefully filled and delivered to all parts
of the city, Arkansas and the Southwest.

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F. H. WEBER
Boyle and Maryland Avenues
Flowers delivered in city and state on short notice
Member of Florists' Telegraph Delivery.

Tacoma, Wash.
California Florists
will take care of all telegraphic orders.

Michigan. Orders will be carefully
cared for by
HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS
Members of Florists' Telegraph Delivery.

Grand Rapids, Mich.
GRAND RAPIDS FLORAL CO.
ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

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Orders Carefully Executed
Pikes Peak Floral Co.
Wholesale and Retail
Members of Florists' Telegraph Delivery.

Steubenville, Ohio.
Huscroft's Flower Shop
173 North Fourth Street
All Orders Promptly Executed

Cleveland, O.
The Smith & Feters Co.,
LEADING FLORISTS.
735 Euclid Ave. CLEVELAND

Friedman
...FLOWERS...
522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO

SAN FRANCISCO
JOSEPH'S
233-235 GRANT AVENUE
Members of Florists' Telegraph Delivery and National
Florists for this District. A specialty made
of "Welcoming" and "Bon Voyage" packages.

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L. L. MAY & CO.
Order Your Flowers for delivery
in this section from the
LEADING FLORISTS OF THE NORTHWEST

FRED
FOSTER
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703 Olive St., St. Louis, Mo.

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MRS. E. A. WILLIAMS
621 Penn Ave.

CHARLES L. SCHMIDT
313 Market St., Harrisburg, Pa.
Night and day service in all Central Pennsylvania.

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47 State St., NEWBURYPORT, MASS.,
Covers all New England points.

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Rock's
FLOWERS
Members Florists' Telegraph Delivery Ass'n.


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Wangel
The
Palmer House
Florist
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C. H. FREY Wholesale
and Retail
Florist
1133 O St., LINCOLN, NEB.
Will fill orders for the West on short notice
Trade discounts. First-class stock.

Send Telegraph, Telephone or Mail Order.
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THE DOMINION FLORAL CO.
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Montreal, Que., Canada
Every order receives prompt and careful attention

C. Frauenfelder
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NEAR GARFIELD PARK
CHICAGO

For Wisconsin Delivery
OF
"Home Grown Flowers"
Get in touch with
J. E. MATTHEWSON, SHEBOYGAN,
WISCONSIN.
Member of Florists' Telegraph Delivery.


WASHINGTON D. C.
Gudes'
GUDE BROS. CO.
FLORISTS
1214 F ST. N.W.
WASHINGTON D.C.
Members of Florists' Telegraph Delivery.

Mention the American Florist when writing.

DES MOINES IOWA
ALFRED LOZIER ROSERY

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Pueblo, Colo.

D. M. McMurray
FLORIST

105 East Abriendo Ave.

Mention the American Florist when writing.

Send Telegraph, Telephone or Mail orders for florist service in this vicinity to

Howard & Smith

853 So. Olive St., Los Angeles, Calif.

Every Order sure to receive prompt and careful attention.

Mention the American Florist when writing.

WORCESTER, MASS.

Randall's Flower Shop,

13 Pleasant Street.

Member of Florists' Telegraph Delivery.

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member of Florists' Telegraph Delivery.

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of Florists' Telegraph Delivery.

VAN METER FLOWER SHOP
SPRING and HIGH, Springfield, O.

BEST FLOWERS for EVERY OCCASION.

Williamsport, Pa.
EVENDEN BROS. CO.

Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

Boston, Mass.

HENRY R. COMLEY, Florist, 6 Park St.

50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

John C. Hatcher

Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Hoffmans, N. Y.

FREY & FREY,

1338 O Street, LINCOLN, NEB.
WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

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Potter Floral Co.

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Boston, Mass.

Penn The Florist

"Penn, The Telegraph Florist"

Member of Florists' Telegraph Delivery Ass'n.

124 TREMONT STREET

Mention the American Florist when writing.

Chicago

Detroit

CENTRAL FLORAL CO.

132 North State Street, CHICAGO, ILL.

35 Broadway, DETROIT, MICH.

Special attention given to telegraph and mail orders for delivery in either city and adjoining territory. Both of our stores are located in the heart of each city, which means quick and efficient service to theatres, hotels, depots, etc. Our Chicago store is located opposite Marshall Field & Co.'s retail establishment and one block from the Great Central Cut Flower Market.

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

Mention the American Florist when writing

DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis'

Mention the American Florist when writing

Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.

THINK OF HEINL'S

Mention the American Florist when writing.

Rockford, Ill.

H. W. BUCKBEE.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing.

St. Louis, Mo.

WIRE

Grimm & Gorly

Mention the American Florist when writing.

Augusta, Me.

F. A. ROBBINS, Florist

122 WINTHROP STREET

We deliver in Maine and all New England points.

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LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing.

Cleveland, O.

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

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Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Mention the American Florist when writing.

Washington, D. C.

GEO. H. COOKE
FLORIST

Connecticut Avenue and I Street

Mention the American Florist when writing.

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Mention the American Florist when writing.

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Members of Florists' Telegraph Delivery.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing.

PROVIDENCE, R.I.

and all T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing.

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President; F. W. Bolzano, Washington, D. C., First Vice-President; L. L. Olds, Madison, Wis., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fifth annual convention, June, 1917.

PEA WEEVIL is said to have appeared in the Twin Falls, Idaho, district.

MANY French growers are demanding cash payment before planting the new seed crops.

LAZY WIFE is a leader among scarce pole beans. Some think it worth \$25 per 100 pounds.

LOS ANGELES, CALIF.—S. Murata & Co. will shortly add a seed department to their business.

AN inch of welcome rain fell in the Santa Clara Valley seed-growing district December 1-2.

E. J. DEAL, of W. W. Johnson & Son, Ltd., Boston, Eng., is calling on the American trade.

A CORRESPONDENT of the London Gardeners' Chronicle suggests Vancouver Island as a good place for seed growing.

CHICAGO.—Prices for grass seed on the Board of Trade, December 6, were as follows: Timothy, \$4.00 to \$5.75 per 100 pounds.

BUT little is definitely known thus far regarding the supply of such Belgian products as tuberous begonias, gloxinias, etc.

A SPECIAL meeting of the Western Seedsmen's Association has been called for Saturday, December 9, at the Hotel Martin, Sioux City, Ia.

ARNOLD RINGIER, of the W. W. Barnard Co., Chicago, is planning a California trip, starting after the holidays. Mrs. Ringier will accompany him.

THERE is a very great shortage of seed peas, both for canners and for the garden seed trade. Among peas ordinarily low in price Marrowfats are this year very scarce and worth probably \$9 per cental.

ROGERS BROS., Alpena, Mich., the pea and bean growers, have worked out a profitable side line the past season, both in their Michigan and Idaho districts, harvesting 16,000 bushels of potatoes, which netted them \$20,000.

THE contract onion set situation for next year is quite a good deal in the air and the growers and contractors so far are having trouble in getting together. The probabilities are that contract figures, even with the lower priced seed we have this year, will be about the same as last year.

VISITED CHICAGO: C. R. Kimberlin, of the Kimberlin Seed Co., Santa Clara, Calif.; H. A. Johns, of the Sioux City Seed & Nursery Co., Sioux City, Ia.; C. R. Chesmore, of the Chesmore Eastlake Merc. Co., St. Joseph, Mo.; W. P. Stubbs, of Wood, Stubbs & Co., Louisville, Ky.; L. W. Wheeler, of the Pieters-Wheeler Seed Co., Gilroy, Calif.; A. L. Rogers, Alpena, Mich.

INDIANAPOLIS, IND., December 4.—James A. Everitt, former president of the American Society of Equity, and his son, Sibley F. Everitt, were sentenced to 18 months in the federal prison upon pleading guilty to a charge of using the mails to defraud, according to newspaper report.

Holly and Green.

The bouquet green supply at Chicago is very scant. Bulk green, a few crates, is selling at \$12 to \$15 or more. Wreathing is about double the usual price.

Ground pine is apparently scarce in all centers usually handling such Christmas greens.

Holly is coming along slowly and is scarcely up to the usual standard of quality.

Boxwood deliveries are likewise slow and must soon be expressed.

Paper Economies.

Movement to retrench in use of wrapping and other paper because of exorbitant prices is rapidly spreading to every industry. Increase in paper bill of Sears-Roebuck Co., of Chicago, will be \$1,000,000 next year. This company uses an average of 20 tons of paper for its catalogues alone. All mail order houses are discontinuing fruitless circulation of catalogues and reducing the number of colored pages. National Cloak & Suit Co. has reduced its paper consumption greatly since beginning of the war. Department store men and other large users of wrapping paper are keenly interested in new methods of paper economy.

Law and Law Makers.

The following editorial appeared in the February 17 issue of the Price Current Grain Reporter:

It is most encouraging to see that in at least one address at Kansas City, that of A. L. Scott, discussing the injustice of the Kansas feed stuffs law, the speaker took occasion to protest against the injustice of a law that deliberately imposes a penalty, substantially a fine, on the Kansas man who in the course of a legitimate business elects to extend the service he offers the public as public wants appear, in return for which he expects to earn his

living and a portion for his old age or his children.

It is a curious fact that such laws originate not so much in the mind of the average member of the legislature as with a class to whom most men are wont to look for wisdom and moderation—the college professors. Nearly all the pure feed laws originate with these men, who in their zeal to "protect" some one are so obsessed of the necessity of ideal quality, accuracy of as well as strict description, and purity from the academic standpoint, that laws of their writing are almost invariably arbitrary and unnecessarily exacting. This evil—for it is an evil—goes even farther; for it is, we think, a demonstrable fact that the scholastic reformer is responsible for many of those laws that really oppress business men and bleed them by merciless taxation.

It is high time that business men, as did this Kansas grain dealer, should begin to protest in their own states against the manifest tendency of the times to bawl about preserving the liberties of the people, as conceived in a state of ideal democracy, while at the same time idealism in legislative practice is literally robbing the people of personal liberties no autocracy would dream of interfering with.

Free Seeds Cost.

Senator Kenyon of Iowa made a talk in the senate recently leading the opposition to free seeds in the agricultural appropriation bill and asked to have inserted in the record the following statement showing the expenses for distribution of these seeds for four years:

Expense of distributing seeds for the years 1909-1910 to 1912-13, inclusive:

VEGETABLE AND FLOWER SEEDS.	
Purchasing	\$ 556,102.00
Packaging and mailing	383,459.00
Total cost	\$ 939,561.00
Number of packages	48,204,521
Other miscellaneous seed purchased	\$ 173,372.00
Total cost	\$1,110,933.00
Total number of packages sent out through the mails	48,568,801
Cost of postage to the Government on the above amount of seed sent through the mails and for which no postage was collected	\$ 467,759.04
"I think this congressional seed distribution brings congress into disrepute."	

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Trade Directory

Containing the Names and Addresses of
Florists of the United States and Canada.

PRICE, \$3.00 POSTPAID.

American Florist Co., 440 S. Dearborn St.,
Chicago

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids,

Mich.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Lilium Harrisii BULBS

	Per 100	Per 1000
5 in. to 7 in.....	\$ 4.50	\$36.00
7 in. to 9 in.....	8.00	72.00

PAPER WHITE NARCISSUS
GRANDIFLORUS

Prices on application.

WE OFFER TO FLORISTS
A CHOICE SELECTION OF
HYACINTHS, TULIPS, Etc.,

FOR FORCING OR
OUTDOOR PLANTING.

Send us a list of your requirements and
we will give you attractive
special prices.

J. M. THORBURN & CO.
53 Barclay Street, through to 54 Park Place
NEW YORK CITY.

JAP LILY BULBS

AT IMPORT PRICES.

GIGANTEUM, 7-9, 8-10 9 10, 10-11.

MULTIFLORUM, 7-9, 8-10.

AURATUM, 7-9, 9-11.

ALBUM, 9-11.

RUBRUM, 7-9, 8-10, 9-11.

MELPOMENE, 9-11.

Giganteum, 7-9, 8-10 and 9-10 also offered
f. o. b. Chicago and London, Ont.
Write for prices and details, stating quantity
desired.

McHUTCHISON & CO., THE IMPORT
HOUSE.
95 Chambers St., NEW YORK.

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip,
Radish, Beet, Etc.

Branches: Michigan,
Wisconsin and Idaho. MILFORD, CONN.

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

It is a joke throughout the country. A few little packages of garden seed are sent out, when you could go to the store and buy for five cents better garden seeds than are sent out by the government, because it is seldom that many of these garden seeds ever grow anyway."

PHILADELPHIA, PA.—A. R. Burton, of the plant department of the Henry F. Michell Co., Inc., reports an excellent demand for carnation rooted cuttings.

Asparagus Plumosus Nanus

Greenhouse Grown Seed

1,000 Seeds, \$3.50

10,000 Seeds, \$32.50

Californian Grown Seed

1,000 Seeds, \$2.50

10,000 Seeds, \$22.50

5 per cent discount, Cash with order.

ARTHUR T. BODDINGTON CO., Inc.

128 Chambers Street,

NEW YORK.

FLOWER SEEDS



WE make a specialty of Flower Seeds for Florists and Seedsmen. We carry large stocks of all the popular varieties, such as Asters, Balsams, Bachelor's Button, Calendula, Cosmos, Dianthus, Marigold, Mignonette, Morning Glory, Portulaca, Phlox, Sweet Peas and Zinnias, etc., and shall be pleased to quote on your list of requirements for present and future use.

Vaughan's Seed Store, CHICAGO
NEW YORK

BEANS, PEAS, RADISH

AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write or prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St.,

Telephone Main 2762.

CHICAGO

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,

Contract Seed Growers
LOS ANGELES, CALIFORNIA.

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

S. M. Isbell & Co.

JACKSON, MICH.

Contract Seed Growers

Beans, Cucumbers, Muskmelon,
Watermelon, Squash, Sweet Corn.

Michigan-grown Radish our Specialty.

Correspondence Solicited.

Mention the American Florist when writing.

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc.
Moorestown, New Jersey

Mention the American Florist when writing.

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, NEBRASKA

Mention the American Florist when writing.

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED
Bloomsdale Farm. **Bristol, Pa.**

Mention the American Florist when writing.

LILY BULBS

FALL DELIVERY

Write for Prices

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.
CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds **Baltimore, Md.**

American Bulb Co.

A. Miller, President.

WHOLESALE DEALERS IN

Bulbs, Seeds, Supplies, Etc.

178 N. Wabash Ave., Chicago, Ill.

THE J.C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Contract Seed Growers

Specialties: Pepper, Egg plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

My New PRICE LIST of

Winter Orchid-Flowering Sweet Pea Seed

Has been mailed. If you have not received a
copy, send Postal for it.

Part of new crop is ready now.

Ant. C. Zvolanek, Lompoc, Calif.

GARDEN SEED

Beet, Sweet, Corn, Garden Beans, Onion Sets,
and Seed Potatoes in variety. Also other items
of the short crop of this past season, as well as a
full line of Garden Seeds, will be quoted you upon
application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK
and Orange, Conn.

Closing Out=BULBS=Seasonable

Dutch Hyacinths

Dutch Romans

Plant in Pans For Easter Sales.

Named varieties, per 1000..... \$10.00

Tulips (Early)

Per 1000

Less 20 PER CENT in 1000 lots.

La Reine \$ 6.75
Belle Alliance 10.00
Mme. Frylink 18.00
Chrysolora 9.00
Yellow Prince 8.00
Thos. Moore 6.75
Cottage Maid 7.50

Tulips

Darwin and Cottage

Less 20 PER CENT in 1000 lots.

Per 1000

Gesneriana Spathulata \$ 8.50
Bizards, mixed 8.00
Sweet Nancy 10.00
Mad. Krelage 10.00
Sultan 10.00
Rev. Ewbank 10.00
Nauticus 10.00

Narcissus

Per 1000

Soleil d' Or, Early \$20.00
French Trumpet Major (1750 bulbs to
the case) 10.00
Victoria, (bicolor), mother bulbs, 20.00
Select size 10.00
"JOSS" LILIES, Chinese Narcissus,
per mat, (120 bulbs), \$5.50 at
Chicago. In New York, \$6.00.

Lilium Formosum

Per 1000

6 to 8-inch, (350 to case) regular
strain \$35.00
6 to 8-inch (350 to case) true black
stem variety 40.00

CHICAGO Vaughan's Seed Store NEW YORK

Mention the American Florist when writing.

Gladiolus, Colvillei

Per 1000

Blushing Bride \$5.50
The Bride 6 00
Pesch Blossom 7.00

Spanish Iris

Per 1000

Named varieties, 4 separate colors... \$6.00

Spiraea (Just in)

Per 100

America, Lilac Rose \$11.00
Avalanche, White 12.00
Gladstone, White 10.00
Queen Al x., Pink 11.00

Valley (New Crop)

Per 1000

Pips, Hamburg, Holland Grown \$17.00

This stock proved very satisfactory
last season.

Clumps, per 100..... \$18.00

Hardy Lilies

Just arrived in fine order.

Per 100 Per 1000

Lilium Auratum, 9-11
in., (100 to case), \$ 8.00 \$ 75.00
Lilium Rubrum, 8-9
in., (160 to case), 5.50 50.00
Lilium Rubrum, 9-11
in., (100 to case), 9.00 85.00
Lilium Album, 9-11
in., (100 to case), 12.00 100.00

Lilium Giganteum

NEW CROP

Per 1000

6 to 8-inch (400 to case) \$30.00
7 to 9-inch (300 to case) 45.00
8 to 9-inch (250 to case) 65.00
9 to 10-inch (200 to case) 88.00

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed
and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
Solicited.

SWEDESBO, N. J.

Grass Mixtures

FOR

Golf-Tennis-Polo

MEET ALL REQUIREMENTS FOR ALL SOILS

The Albert Dickinson Co.,
CHICAGO, ILL.

The L. D. Waller Seed Co.

Gaudalupe, California

Wholesale Growers of

**FLOWER SEEDS, SWEET
PEAS AND NASTURTIUMS**

Correspondence Solicited.

Mention the American Florist when writing.

BRUNNINGS

Now contracting for Beans and Peas
for 1917, 1916 stocks being exhausted.

AUSTRALIAN BROWN ONION

1915-1916 crop seed still available

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

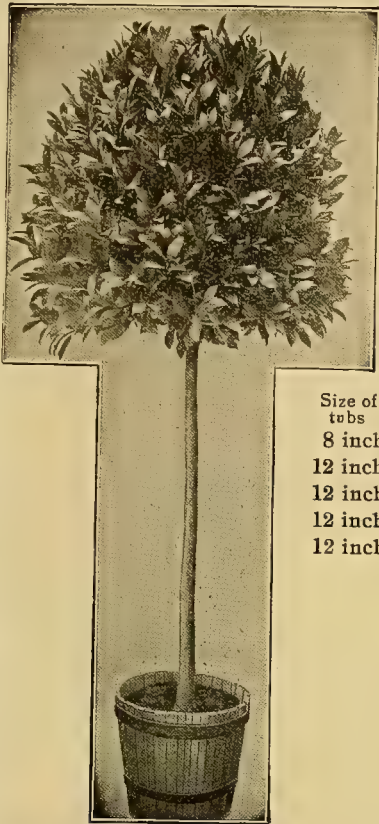
Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Asters,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing.



BAY TREES

A new importation has been received from Belgium in prime condition, as nice a lot of trees as we have ever imported. Prices are slightly advanced over previous seasons, due to higher importation charges. All of these are supplied in the original Belgian tubs in which they were imported.

Standard or Tree-Shaped Bay Trees.

Size of tubs	Height of stem	Diameter of Crown	Price each	Size of tubs	Height of stem	Diameter of Crown	Price each
8 inch	18 inches	16 inches	\$ 3.50	15 inch	26-32 inches	24-30 inches	\$ 7.50
12 inch	38-44 inches	18-20 inches	5.00	18 inch	44-52 inches	30 inches	9.00
12 inch	38-44 inches	20-22 inches	6.00	18 inch	46-52 inches	32 inches	12.00
12 inch	40-46 inches	20-22 inches	6.00	20 inch	40-48 inches	32-36 inches	18.00
12 inch	40-46 inches	24-26 inches	7.50				

Pyramid-Shaped Bay Trees.

Size of tubs	Diameter at base	Height	Price each
10 inch	18 inches	3½ to 4½ feet	\$ 3.50
14 inch	18-20 inches	5 to 5½ feet	6.00
14 inch	22-24 inches	5½ to 6 feet	7.50
18 inch	24-26 inches	6 to 6½ feet	12.00
18 inch	28-32 inches	7½ to 8 feet	15.00

The prices quoted above are for the Trade only.

Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Panama Gladiolus

California Raised

Per 1000
300,000 Bulblets.....\$ 1.00
5,000 Bulbs, 1¼-inch.....25.00

C. C. MORSE & CO.,

749 Front St., San Francisco, Calif.

James Vick's Sons

Seedsman, Nurserymen, Florists

SEEDS All the leading
PLANTS kinds for summer
BULBS and fall planting.
Ask for Catalogues. **ROCHESTER, N. Y.**

R. & M. GODINEAU

SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.

BARNARD'S
Seed Store
231-235 W. Madison St.
CHICAGO.

KELWAY'S SEEDS--Flower, Vegetable and Farm

For present delivery or on contract. Wholesale only.

Special quotations for next season and
from 1917 harvest now ready.

Langport, - England.

THE KIMBERLIN SEED CO.

WHOLESALE **SANTA CLARA, CAL.**
SEED GROWERS

Growers of
ONION, LETTUCE, RADISH, ETC.
Correspondence solicited.

TO EXCHANGE.

700 medium Carnations, clean, healthy, potted in 4-inch pots in cold frame—Herald, Washington, Enchantress, white, pink and rose pink, and Lawson. Will exchange for S. A. Nutt, rooted, or 2¼-inch new Pelargoniums. 2¼-inch Sprenger, or a few hundred Bellis Perennis, or what have you?

HENRY GERSTENKORN,
R. 4, Box 128, DECATUR, LL

Trade Directory

PRICE, \$3.00 POSTPAID.
AMERICAN FLORIST CO.
440 S. Dearborn Street, CHICAGO

ALL Nurserymen, Seedsman and Florists wishing to do business with Europe should send for the

"Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the horticultural trade; it is also taken by over 1,000 of the best continental houses. Annual subscription, to cover postage, 75 cents. As the H. A. is a purely TRADE medium, applicants should, with the subscription, send a copy of their catalog or other evidence that they belong to the nursery or seed trade. Money orders payable at Lowdham, Notts.

Address **EDITORS OF "H. A."**
Chilwell Nurseries, LOWDHAM,
Notts, England.

A. N. Pierson, Inc.

Wholesale Florists
CROMWELL, - CONN.

Market Gardeners

Vegetable Growers' Association of America.

H. W. Selby, Philadelphia, Pa., President;
H. F. Thompson, Arlington, Mass., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; Eugene Davis, Grand Rapids,
Mich., Treasurer.

Next annual convention will be held at
Springfield, Mass., in 1917.

Sweet Potato Day.

Birmingham, Ala., Dec. 1.—"Sweet Potato day" will be observed in Alabama. On that day everybody will cook and talk sweet potatoes. The governor has endorsed the movement and is to designate the day. The object of the movement is to prove that one of Alabama's largest crops should have a great effect in cutting down the high cost of living, as it is said that one can subsist on sweet potatoes alone.

Prices of Indoor Fruits and Vegetables.

Chicago, Dec. 5.—Mushrooms, home grown, 20 to 30 cents per pound; lettuce, small cases, 10 and 15 cents; radishes, \$1.50 per 100 bunches; celery, 75 to 90 cents, open crate; tomatoes, 10-lb. baskets, \$1.00 to \$1.40; cucumbers, per 2 dozen box, \$2.75.

New York, Dec. 5.—Celery, per crate, \$2.00 to \$3.50; cucumbers, \$1.25 to \$1.75 per dozen; mushrooms, 75 cents to \$1.75 per 4-lb. basket; tomatoes, per lb., 10 to 25 cents; radishes, per 100 bunches, 50 cents to \$1.00; lettuce, per box, \$2.50 to \$3.00.

Vegetable Prices at New York.

Though potatoes are arriving freely, there is not much change in prices on northern stock. Twenty-two cars, Virginia late crop, came in December 1. On the same date an Old Dominion steamer brought 2,000 barrels from the south; another, December 2, brought 1,000 barrels. Maine and New York potatoes are accumulating. There are few Bermudas on the market. Prices, December 2, were as follows: Bermudas No. 1, per bbl., \$8.00; Bermuda No. 2, per bbl., \$6.00; Long Island, 180 lbs., \$5.25@5.50; Maine, 165 lbs., \$4.50@4.75; Canadian, 180 lbs., \$4.75@5.25; Southern late crop, 165 lbs., \$3.75@4.00; Southern sweet, per bbl., \$2.00@4.00.

Lima beans are scarce and high, Cuban bringing \$4.00 and \$5.00 per crate.

Onions, white, per crate, \$2.00@2.25; onions, red, 100-lb. bag., \$3.25@4.50.

Cauliflower, L. I. short, per bbl., \$1.50@4.00; cauliflower, L. I. long, per bbl., 75c@1.75. A. F. F.

Wisconsin Potato Growers' Association.

The fifth annual convention of the Wisconsin Potato Growers' Association, which was held at La Crosse, November 21-24, was the most successful in the history of the organization, the county exhibits being more numerous than in previous years, and the stock, despite the fact that the season was a backward one, was of higher quality. Oneida county, with a score of 92 2/3, won the silver cup in the county competition.

An extensive programme of papers and discussions, all well handled by

experts, was a feature of the meeting, among the number being the following: Dr. H. J. Wheeler of Detroit, Mich., who spoke on "Methods of Potato Culture," and later led discussions entered into by leading growers of the state on "Fitting Potato Land," "Summer Cultivation," "Seed Storage," and "Field Selection of Seed"; a paper by Prof. K. L. Hatch of the Wisconsin College of Agriculture, read in his absence by E. L. Leuther, entitled "Potato Extension Work in Wisconsin"; an illustrated lecture by Lou D. Sweet, Denver, Colo., president of the Potato Association of America, a recognized authority on potato culture throughout the United States and Canada; an illustrated lecture by Dr. J. W. Henceroth of the Soil Improvement Committee, Chicago, showing methods of mixing fertilizers; an address on "Methods of Potato Culture," by Dr. H. J. Wheeler, Boston, Mass.; "Seed Standards Demanded by Colorado Growers," by W. R. McClelland, Greeley, Colo.; "A Discussion of Present Markets" and an address on "Wisconsin Warehouse Problems" by E. P. Miller, Chicago. In the boys' and girls' potato club sections there was a good representation and a keen interest was shown in their work. The entries were judged and awards made.

At the election of officers for the ensuing year, the present officers were unanimously re-elected. They are: J. W. Hicks, Prentice, president; O. C. Woodard, Weyauwega, vice-president; J. G. Milward, Madison, secretary-treasurer. The matter of choosing the convention city for 1917 was left to the executive committee.

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Good Deliveries and Moderate Prices.

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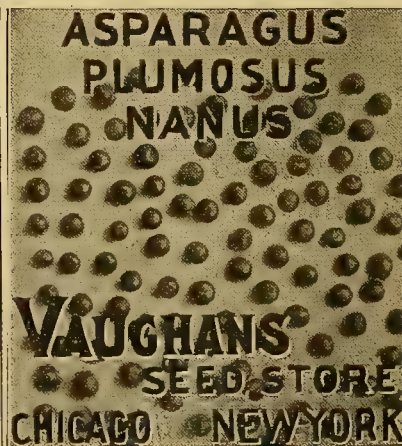
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All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

Asparagus Plumosus Nanus



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Price Per 100 seeds, 50c; 250 seeds, \$1.00; 1000 seeds, \$3.50;

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—Prices on larger amounts on application.—

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To Grow on for
EASTER

CLIMBING ROSES

Field-Grown
Extra Strong

We offer the following list of EXTRA STRONG FIELD-GROWN stock that will make FINE PLANTS FOR EASTER if started cool.

3 YEAR OLD.

Excelsa—"Red Dorothy Perkins."
Delight—Bright carmine flowers; base of petals, white.
Dorothy Perkins—Beautiful shell-pink.
Flower of Fairfield—Everblooming Crimson Rambler.
Hiawatha—Single crimson, lighter center.
Lady Gay—Beautiful cherry pink.
Price: Doz., \$3.00; 100, \$22.00; 1000, \$200.00

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Crimson Rambler.
Dorothy Perkins.
Excelsa.
Flower of Fairfield.
White Dorothy Perkins.
Baby Ramblers.
Price: Doz., \$2.00; 100, \$15.00; 1000, \$140.00

HYBRID PERPETUAL ROSES--2 Year.

	Doz.	100		Doz.	100
Anna de Diesbach	\$2.00	\$14.00	Mrs. John Laing	\$2.00	\$15.00
Frau Karl Druschki	2.50	18.00	Paul Neyron	2.00	15.00
General Jacqueminot	2.00	14.00	Prince C. De Rohan	2.00	15.00
Gloire Lyonnaise	2.00	15.00	Ulrich Brunner	2.00	15.00
Mabel Morrison	2.00	15.00	Persian Yellow	2.00	15.00
Magna Charta	2.00	15.00	Orleans	2.50	18.00

Ask for Prices on All Decorative Plants for Xmas. See advertisement Page 1100

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VAUGHAN'S SEED STORE

NEW YORK

CYCLAMEN

Extra fine, Wandsbek type, 7-inch60c to 75c
" " " 6-inch50c

Extra fine, Wandsbek type, 5-inch40c
" " " 4-inch35c

Begonia Cinninati

Large plants, 7-inch.....75c Large plants, 6-inch.....60c
" " 5-inch.....50c " " 4 inch.....35c

Begonia Lorraine

Large plants, 5-inch.....50c Large plants, 4-inch.....35c

Christmas Peppers

Three varieties: bushy plants, full of fruit.

7-inch, 3 in a pot35c
5-inch, strong plants15c
4-inch, strong plants12c

Jerusalem Cherries

Strong bushy plants, full of cherries.

4, 5 and 6-inch12 to 20c each

Primulas

Malacoides, very fine plants, in bloom, 4-inch.....10c
Chinensis, very fine plants, in bloom, 4-inch.....10c
Obconica, very fine plants, in bloom, 4-inch10c

Geraniums

2½-inch stock, best varieties\$20.00 per 1000

PYFER & OLSEM,

Wilmette, Ill.

New Hampshire College Flower Show.

The flower show held November 27, in the Agricultural Club's room of the college at Durham, marked another departure, it being the first held there. The show was under the auspices of the horticultural students and was a marked success. Music was furnished both afternoon and evening. Besides the flowers, palms, etc., from the college greenhouses, exhibits were donated by Harry Penn, and H. M. Robinson Co., of Boston, Mass., roses by John Elliott of the Madbury rose-houses, and a collection of chrysanthemums from Chas. H. Davis, florist, Dover, N. H. Short talks were given by John S. Elliott, J. B. Scherrer and James Macfarlane. Refreshments were served in the evening. The hope was generally expressed that the show might become an annual affair. J. M.

TOLEDO, O.—H. Anderson, formerly employed at the Harry Heintz range, is now manager of the flower store in the Crystal Maze on Adams street.

Nephrolepis Verona

Best of all crested ferns, rapid grower; it's splendid fronds stand up well; each show individually; does not rot in center.

BUY FROM THE ORIGINATORS.

	Per 100	Per 1000		Per 100	Per 1000
2-inch.....	\$8.00	\$72.00	3-inch.....	\$12.00	\$90.00

BAMBOO

Best decorative plant that grows; strong bushy stock.

7-inch pots\$1.50 each 12-inch tubs.....\$6.00 each

P. S. Randolph & Sons

Wholesale Florists and Plant Specialists

R. D. VERONA, - PA.

The Nursery Trade

American Association of Nurserymen.

John Watson, Newark, N. Y., President;
Lloyd C. Stark, Louisiana, Mo., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-second annual convention will be held at Philadelphia, Pa., June, 1917.

Davis Nursery Co. Final Accounting

In the District Court of the United States for the District of Maryland, in the matter of the Franklin Davis Nursery Co., of Baltimore, bankrupt, Willis E. Meyers, referee, has filed a first and final account, showing receipts and disbursements of the trustee. The balance in the hands of the trustee, after payment of costs of conducting the business and the costs of administration, is applied pro-rata to the payment of taxes and no dividend will be paid to the general creditors. The account will be finally ratified after December 13, unless exceptions thereto are filed before that date.

Fischer Chosen McCormick Estate Supt.

William E. Fischer, for a number of years forester of the park and recreation department of Boston, Mass., and for 30 years one of that city's oldest, ablest and most trustworthy employees, has resigned to take the position of superintendent of the Cyrus McCormick estate at Lake Forest, Ill.

Many prominent officials and citizens of Boston, numbered among Mr. Fischer's lost of friends, who, while regretting his departure, rejoice in the recognition of his accomplishments, tendered him a farewell banquet November 27 at the Hotel Brewster before his departure for his new field. William P. Glennon presided as toastmaster and many high tributes were paid to Mr. Fischer's work in the city's interests. Among those present were: Patrick Welch, past-president of the Society of American Florists; Mayor Curley, Secretary Power, Colonel W. L. Glaven, Thomas J. Shea, Martin Finn, David Briggs, Thomas F. Tilley, Michael Coughlin, James Walsh, Michael Daly, Edward Hayden, Judge Hoitt, Nashua, N. H.; Perry Dow, Postmaster Willis and Colonel John F. Sheehan of Manchester, N. H.; William Long, Richard Hayden, William Dowling, Senator Timilty, Frank Ewing, Thomas F. McCarthy, Joseph P. O'Connell, Frank J. Daley, William L. Dolan, Alfred Pitts, John F. McDonald, Thomas F. Minton, Fred J. Kneeland, District Attorney Corcoran of Middlesex, District Attorney Pelletier, Councilors McDonald and Collins, Hugh McGrath, James Donovan, John F. Dever, Sergeant Thornton of the Park Police, and Collector Billings.

Mr. Fischer assumed his duties December 1.

Montreal.

BUSINESS VERY SATISFACTORY.

Trade during the past two weeks has been excellent. The chrysanthemum crop this year was one of the best in history—the growth during the summer was not of the best, but they finished up fine during the fall months. There were no cheap flowers at any time—prices ruled higher than last season. Chrysanthemums are now in the passing and roses and carnations are now coming to the front, with prices also better than a year ago. The trade in general expect a very good Christmas demand and all are making active preparations to take care of it. The usual number of small shops which open at this time and close immediately after the holidays are beginning to make their appearance. Plants will be scarce this year, very few azaleas having been received. Fall business in plants has been excellent and many inquiries are being received by the growers for cyclamens and poinsettias. The deliveries of Duth bulbs are irregular. One grower received a shipment, in August, while another importation that came on the same steamer, was not delivered until six weeks later.

NOTES.

Local members of the Canadian Horticultural Association are training faithfully to be in condition to meet their fellow craftsmen in convention next August. If the western members want to have any show at all they will have to get busy. Geo. A. Robinson, E. J. Hayward, H. J. Eddy and R. Scott are all crack bowlers and are "knocking 'em down" to scores varying from 175 to 200.

Julius Luck has given up the position of private gardener, which he has held for the past eleven and one-half years, and has started growing and importing a general line of nursery stock and perennials.

C. A. Smith, of Lachine, has a splendid lot of commercial ferns. His many friends will be glad to hear that "Charlie" has recovered from a serious illness.

E. J. Hayward has a new house 25x100 feet completed, in which will be grown a general assortment of commercial ferns.

S. D. Bain, who opened a new store on St. Catherine street, is doing a nice business.

J. L.

The New Jersey Floricultural Society.

The regular meeting of the New Jersey Floricultural Society was held in J. O. W. A. M. hall, Orange, November 10. The treasurer made his report on the dahlia exhibition which was held September 18, showing that event to be a financial success. Sam Zalensky was nominated for membership. Max Schneider, gardener to Peter Hauck, Jr., East Orange, received the following points in the monthly competition: Standard chrysanthemums, 90; carnations, 65; violets, 80; cut flowers, 75. Emil Panuska, gardener to Mrs. Wm. Barr, received certificates for seedling chrysanthemums, Bronze Bird and Yellow Bird, highly commended and certificates of merit for White Wonder. The judges were Eugene Blondin, S. F. Zalensky and Jos. A. Manda. GEORGE W. STRANGE, Sec'y.

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

Mention the American Florist when writing.

ROSES, CANNAS Shrubbery THE CONARD & JONES CO., West Grove, Penna.

Mention the American Florist when writing.

PEONIES and IRIS

Write for list.

PETERSON NURSERY
Stock Exchange Building, CHICAGO

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OWN ROOT

ROSES

Pot grown
2¼ and 4-in.

Field grown
to pot 5 to 6-in.

THE LEEDLE FLORAL COMPANY
SPRINGFIELD-OHIO

Mention the American Florist when writing

Hill's Evergreens

BEST FOR OVER HALF A CENTURY

Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists Largest Growers in America
Box 404. DUNDEE, ILL.

Mention the American Florist when writing

Selected ROSES Forcing-Grade

CLIMBERS, Extra Strong.

\$15 per 100.

Excelsa (Red Dorothy Perkins). Crimson Rambler, American Pillar, Dorothy Perkins, Climbing American Beauty, Lady Gay.

BABY ROSES.

\$15 per 100, except as noted.

Jessie, Orleans, Baby Rambler, Mrs. Cutbush, Ellen Paulsen, Echo (flower like Tausendschon), extra fine, \$18 per 100.

Jackson & Perkins Co.
Newark, New York.

AMARYLLIS

(Hippeastrum)

\$18.00, \$22.00, \$25.00 per 100 Mixed Colors.
Fancy Stock, \$1.00 to \$5.00 Each.

C. S. TAIT, BRUNSWICK, GA.

Special Grade California Privet

I have 450,000 of this **special grade** of California Privet, grown by a new method.

Price (for 30 days only), 12 to 18 inches, \$8.00 per 1000
 " " " " " 1½ to 2 feet, 10.50 per 1000

Packed for cash with order. No order accepted for less than 1000 plants.

Also over two millions of California Privet of finest quality, in all sizes, from one to four feet, grown in the usual way. Attractive prices given upon request, especially on carload lots.

Amoor Privet, Polish Privet and Berberis Thunbergii in quantity.

J. T. LOVETT,

Little Silver, N. J.

Ferns in Flats

In Best Varieties For Fern Dishes.

\$1.50 per 100

100,000 READY NOW

Write for Wholesale Catalogue of
 FERNS, KENTIAS, ETC., to

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Lawrence and Winnipeg Avenues.
 SAN FRANCISCO, CALIF.

Mention the American Florist when writing.

PALMS.

Joseph Heacock Co.,
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Wholesale Florist

Chrysanthemum Novelties my Specialty

ORCHIDS

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Solicits orders for shipments of Orchids.
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Largest growers of

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PRELIMINARY CATALOGUE containing full descriptions and suggestions for growing **RHODODENDRONS, INDIAN AZALEAS, BOXWOOD, HOLLIES, WINTER-BLOOMING and BERRIED PLANTS** from **AUSTRALIA, JAPAN, ASIA, CHILE and CALIFORNIA**, suitable for use in the Commercial Florist Trade.

Also **NARCISSI, HYACINTHS, TULIPS and PEONIES**

If interested mail us your name and address please.

HILL'S CHOICE LANDSCAPE, DECORATIVE AND FORCING STOCK FOR FLORISTS' TRADE

Boxwoodn—Pyramids, Standards, Globes, Bush, Dwarf—one of our leading specialties. Stocked in enormous quantities.

Bay Trees—Standards, Half Standards, Pyramids. We can save you money and give better quality. Let us prove it.

Hardy Tubbed Evergreens—Clipped specimens in Taxus, Thuja, Juniperus, Abies varieties in Pyramids, Globes and natural-shaped in large assortment.

Araucarias—Best sorts, best values, in both small and large sizes, for immediate effect and growing on.

Forcing Stock—Azaleas, Rhododendrons, Aucubas, Skimmia Japonica, Hydrangeas, Lilacs, Spiraeas, Magnolias, Japanese Maples, Wistaria Chiuensis, Japanese Flowering Cherry, Peonies, Roses, in large assortment, choicest quality, best commercial sorts.

Wholesale price list will be mailed promptly on request.

Landscape Evergreen and Conifers—New, rare and standard varieties. Small, medium and large sizes supplied in perfect specimens, with ball and burlap. Largest and most extensive collection in America.

Window-Box Plants—Hardy Coniferous Evergreens for winter use. All hardy and desirable sorts, best selection, lowest prices. Also Bush Box and Dwarf Edging. This line offers wide-awake florists a grand opportunity to increase their sales and profits.

Deciduous Trees and Shrubs—Our leaders—Norway Maple, American White Elm and Japanese Barberry.

Young Stock for Lining Out—Ornamental Evergreens and Deciduous Trees and Shrub seedlings, rooted cuttings, grafts, etc., in large assortment at very low prices. Annual output, 10,000,000 plants.

Write for information and price today.

THE D. HILL NURSERY COMPANY, INC.

EVERGREEN SPECIALISTS
 LARGEST GROWERS IN AMERICA

Box 404, DUNDEE, ILL.

WHOLESALE GROWERS AND IMPORTERS

BELLE WASHBURN

The New Red Carnation With an Unbeatable Record Behind It.

Winner two years in succession of the American Carnation Society Silver Medals. 1915 and 1916. Also winner of the S. A. F. Silver Medal, 1916. besides numerous first prizes and certificates at various shows in different parts of the country.

This is purely a commercial carnation—very bright clear red, large flower, non-splitable calyx, long stem and just as free blooming as Enchantress of which it is a seedling.

Prices of rooted cuttings ready for delivery Dec. 15th and later. 25 or less at the rate of \$8.00 per 100. 50 and less than 100 at \$6.00 per 100. Orders of 100, and less than 250, \$5.00 per 100 and orders of 250 or more at the rate of \$45.00 per 1000. All cuttings guaranteed strictly first class.

BASSETT & WASHBURN,

Store and Office: 178 N. Wabash Ave.
Greenhouses: Hinsdale, Ill.

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Chrysanthemums

PRELIMINARY LIST OF
Novelties and
Standard Varieties

Now Ready. Ask for a Copy.

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Immediate delivery at \$13.50 per 1000 for
S. A. Nutt and Buchner and \$16.00 per 1000 for
Ricard and Poitevine.

Asparagus Plumosus, fine stock at \$25.00 per
1000; same rate per 100.

ALBERT M. HERR, LANCASTER, PA.

BOXWOODS—MOST BEAUTIFUL STOCK

Pyramids, 2 -ft.....	\$1.00 each
Pyramids, 2½-ft.....	1.50 each
Pyramids, 3 -ft.....	2.00 each
Pyramids, 3½-ft.....	2.50 each
Standard Shape, 14x14 in.....	2.50 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 15-in.....	.35c each

**F. O. FRANZEN 5319 N. Clark St
CHICAGO**

CARNATIONS

F. DORNER & SONS CO.,
Lafayette, - - Indiana

Ferns, Araucarias, Palms, Etc.

Araucaria, 2 to 3 tiers, 5 in., 40c; 3 tiers, 6 in., 50c; 3 to 4 tiers, 6 in., 60c.

Kentia Belmoreana, 4 in., pots, 5 leaves, 15 in. high, 40c each; 5 in. pots, 5 leaves, 18 to 20 in. high, \$1.00 each; 6 in. pots, 5 to 6 leaves, 20 to 24 in. high, \$1.25 each; 6 in. pots, 6 leaves, 24 to 28 in. high, \$1.50 each.

Kentia Forsteriana, 6 in. pots, 5 to 6 leaves, 30 in. high, \$1.50 each; 7 in. pots, 6 leaves, 34 in. high, \$2.00 each; 7 in. pots, 6 to 7 leaves, 36 in. high, \$2.50 each.

Kentia Forsteriana, made up bushy plants, 3 and 4 plants to a tub, 7 in. tubs, 36 in. high, \$3.50 each; 8 in. tubs, 38 to 40 in. high, \$4.50 each; 8 in. tubs, 40 to 44 in. high, \$5.00 each; 9 in. tubs, 54 to 60 in. high, \$8.50 each.

Ferns, Teddy, Jr., extra fine, special prices, quantity—5 in. pots, broad and perfect, 35c each; 6 in. pots, broad and perfect, 50c each.

Boston Ferns fine fresh stock, quantity—5 in. pots, 30c each; 6 in. pots, 50c each.

Adiantum Hybridum, heavy, 4 in. pots, \$16.00 per 100.

Asparagus Sprengeri, bushy field plants, now in 4 in. pots, \$12.00 per 100; 5 in. pots, extra heavy, \$18.00 per 100. (Worth more to cut from.)

THE STORRS & HARRISON CO., Painesville, Ohio

Flowering Plants for Christmas 1916

Cyclamen Persicum Gig. 4½ to 6-in. pots, \$6, \$9, \$12, \$18 per doz.

Erica Fragrans Melanthera. 4½ to 7-in. pots, \$6, \$9, \$12, \$18, \$24, \$30 per doz.

Erica President Carnot. Pink trumpet flower. 4½ and 5-in. pots, \$12, 18 per doz.

Erica Regenermans. 3 and 3½-in. pots, thickly flowered lavender \$3 per doz. Small lavender flower, very fine for fil ing. 4½ and 5-in. pots, \$9 and \$12 per doz.

Jerusalem Cherries. Bushy and well berried. \$6, \$9, \$12 per doz.

Packing Charges 50c. for every \$10 worth of goods.

Cash with order, please.

ANTON SCHULTHEIS

316 19th Street, College Point,

NEW YORK

Dracaena Indivisa

2-in., \$2.00 per 100; \$18.00 per 1,000.

Vinca Variegata, 2 in., \$2.00 per 100....\$20.00
S. A. Nutt. 2-in.....16.00

Rex Begonias, 3-in.....per dozen 1.00
Satisfaction guaranteed.

ELMER RAWLINGS,

Wholesale Grower

ALLEGANY, NEW YORK

If You are interested in Mid-Winter

Blooming Plants

—or anything in—

Soft Wooded Plants

—Write—

**Geo. A. Kuhl, Wholesale Grower,
PERKIN, ILL.**

Ready Reference Section.

10 CENTS PER LINE, NET.



ADIANTUM.

Adiantum Farleyense. Nicely furnished plants, 4-in., \$50 per 100. J. A. Peterson & Sons, 3132 McHenry Ave., Westwood, Cincinnati, O.

AMARYLLIS.

AMARYLLIS (Hippeastrum). Imported and American seedlings, 9 to 10-in. cir., \$18; 11 to 12-in. cir., \$22 per 100. Tait's seedlings from very choice stock, \$25 per 100; fancy stock, \$1 to \$5 each. C. S. Tait, Brunswick, Georgia.

ARAUCARIAS.

Aracaria Excelsa, 5-in., 60c each; 6-in., 75c to \$1 each; 7-in., \$1.25 to \$1.50 each. Robusta Compacta, 7-in., \$2 each. Pochlmann Bros. Co., Morton Grove, Ill.

Araucaria, 2 to 4 tiers, 5-in., 40c; 3 tiers, 6-in., 50c; 3 to 4 tiers, 6-in., 60c. The Storrs & Harrison Co., Painesville, Ohio.

ASPARAGUS.

Asparagus plumosus Nanus. 2½-in., 75c per doz., \$4.50 per 100; 3-in., \$1.25 per doz., \$8 per 100; 4-in., \$1.75 per doz., \$12.00 per 100. Vaughan's Seed Store, Chicago and New York.

Asparagus Sprengeri, 3-in., \$6 per 100; 4-in., \$10 per 100. Plumosus, 2½-in., \$3.50 per 100; 3-in., \$7 per 100. Pochlmann Bros. Co., Morton Grove, Ill.

Asparagus plumosus and Sprengeri seedlings, \$1.00 per 100; \$8.00 per 1,000. Sprengeri, 2-in., \$2.00 per 100; \$18.00 per 1,000. Fine stock. EDWARD W. SCHUSTER, Crookston, Minn.

Asparagus Sprengeri, bushy field plants, now in 4-in. pots, \$12.00 per 100; 5-in. pots, extra heavy, \$18 per 100. The Storrs & Harrison Co., Painesville, Ohio.

ASPARAGUS PLUMOSUS SEEDLINGS, extra strong, \$6.00 per 1,000. VAUGHAN'S GREEN-HOUSES, Western Springs, Ill.

Asparagus plumosus, fine stock, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

AZALEAS.

Azaleas. Fine, shapely plants, well set with buds and blooms. In bloom for Christmas. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Azaleas for Christmas. Mme. Petrick, Vervaeneana, Petrick Superba, 75c, \$1, \$1.25, \$1.50, \$2.00, \$2.50, \$3.00, \$4.00, \$5.00, \$7.50 each. Pochlmann Bros. Co., Morton Grove, Ill.

Azaleas. W. & T. Smith Co., Geneva, N. Y.

BAY TREES.

Bay trees. New importation from Belgium in prime condition. Both standard and pyramid shaped. For sizes, prices, etc., see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEGONIAS.

Begonias. Luminosa, 5-in., 20c each; Chate-laine, 2½-in., \$3.50 per 100; 3-in., \$8 per 100; 4-in., \$15 per 100. Cincinnati, 5-in., 75c each; 6-in., \$1 to \$1.25 each; 7-in., \$1.50 to \$2 each. Lorraine, 4-in., 30c each. Melior, 5-in., 75c each; 6-in., \$1 to \$1.25 each; 7-in., \$1.25 to \$2 each. Mrs. J. A. Peterson, 4-in., 50c each; 5-in., \$1 each. Pochlmann Bros. Co., Morton Grove, Ill.

BEGONIAS.

Begonias. Glory of Cincinnati, Melior and Mrs. J. A. Peterson. For sizes and prices see advertisement elsewhere in this issue. J. A. Peterson & Sons, 3132 McHenry Ave., Westwood, Cincinnati, O.

BEGONIAS—Immediate Delivery.

Per 100
Mrs. J. A. Peterson (new). 2½-in. pots..\$ 25.00
Per 1,000..... 200.00
JULIUS ROEHRS CO., Rutherford, N. J.

Begonias. Gloire de Lorraine and Cincinnati, 5-in., 85c each, 3 for \$2.35, \$9 per doz.; 6-in., \$1.25 each, 3 for \$3.50, \$12 per doz. Vaughan's Seed Store, Chicago and New York.

Begonia Cincinnati, large plants, 4-in., 35c; 5-in., 50c; 6-in., 60c; 7-in., 75c. Begonia Lorraine, large plants, 4-in., 35c; 5-in., 50c. Pyfer & Olsem, Wilmette, Ill.

BOXWOOD.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

Boxwood Sprays, good, clean, glossy, green sprays, 50 lbs., \$7.50; 100 lbs., \$13.50. Pittsburgh Cut Flower Co., Pittsburgh, Pa.

BOXWOODS.

PYRAMIDS. Broad, heavy specimens, 2 ft., \$1.00 each; 2½ ft., \$2.00 each; 3 ft., \$2.50 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee, Ill. Write for prices on larger sizes.

BUSH SHAPE, 10-12-in., balled, 30c each; 18-in., balled, 60c each; 30-in., balled, \$1.75 each.

THE D. HILL NURSERY CO., INC.
Box 404, Dundee, Ill.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

Boxwood, bush, 15-in., 50c each; 18-in., 60c each. Pochlmann Bros. Co., Morton Grove, Ill.

BULBS.

Bulbs. Dutch Hyacinths, Dutch Romans, named varieties, \$10 per 1,000. Tulips, early, Darwin and Cottage, Narcissus, Lilium Formosum, L. Giganteum, Gladiol, Spanish Iris, Spiraea, Valley and Hardy Lilies. For varieties, sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs. Dutch Doman Hyacinths, single early Tulips and Lilium Giganteum. For varieties and prices see advertisement on front cover page of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Bulbs. Lilium Harrisii, 5 to 7-in., \$4.50 per 100, \$38 per 1,000; 7 to 9-in., \$8 per 100, \$72 per 1,000. Paper White Narcissus Grandiflorus, prices on application. J. M. Thorburn & Co., 53 Barclay St., New York City.

Bulbs. Lilium Formosum and Giganteum, ready now. For sizes and prices see advertisement on front cover page of this issue. Wm. F. Kasting Co., 568-570 Washington Street, Buffalo, N. Y.

Bulbs. Send me 50 cents and I will send you a collection of fine Holland-grown bulbs. M. OSTFELD, 158 East 113th St., New York.

Lily bulbs; fall delivery. Write for prices. The Yokohama Nursery Co., Woolworth Bldg., New York.

Bulbs, seeds, supplies, etc. Wholesale only. American Bulb Co., 178 N. Wabash Ave., Chicago.

CARNATIONS.

CARNATIONS. Standard and New Varieties.

	White.	Per 100	Per 1000
Matchless		\$2.50	\$20.00
White Enchantress		2.50	20.00
White Wonder		3.00	25.00

	Flesh Pink.	Per 100	Per 1000
Superb		\$12.00	\$100.00
Enchantress		2.50	20.00
Enchantress Supreme		2.50	20.00
Alice		3.00	25.00

	Medium Pink.	Per 100	Per 1000
Miss Theo		\$6.00	\$50.00
Mrs. Akehurst		3.00	25.00
Pink Sensation		3.00	30.00

	Dark Pink.	Per 100	Per 1000
Peerless Pink		\$2.50	\$20.00
C. W. Ward		2.50	20.00

	Red.	Per 100	Per 1000
Aviator		\$6.00	\$50.00
Beacon		3.00	25.00
Champion		3.00	25.00

	Variegated.	Per 100	Per 1000
Benora		\$3.00	\$25.00

J. D. THOMPSON CARNATION CO., Illinois

Belle Washburn, the new red carnation with an unbeatable record behind it. Winner two years in succession of the American Carnation Society Silver Medals, 1915 and 1916. Also winner of the S. A. F. Silver Medal, 1916, besides numerous first prizes and certificates at various shows in different parts of the country. This is purely a commercial carnation—very bright clear red, large flower, non-splitable calyx, long stem and just as free blooming as Enchantress of which it is a seedling. Prices of rooted cuttings ready for delivery Dec. 15th and later, 25 or less at the rate of \$8.00 per 100, 50 and less than 100 at \$6.00 per 100. Orders of 100, and less than 250, \$5.00 per 100 and orders of 250 or more at the rate of \$4.50 per 100. All cuttings guaranteed strictly first class. Bassett & Washburn, 178 N. Wabash Ave., Chicago.

Carnation cuttings. Cottage Maid, Merry Christmas, Doris, Rosalia and Old Gold, \$12 per 100, \$100 per 1,000. S. S. Pennock-Meehan Co., 1608-12 Ludlow St., Philadelphia, Pa.

Carnation Superb. Fine new flesh pink. Rooted cuttings Jan. 1, 1917, delivery, \$10 per 100, \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

Carnations. F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS

CHRYSANTHEMUM STOCK PLANTS.

Fine large plants full of cuttings. Price, \$15.00 per 100; \$2.00 per dozen. We dig all our plants from soil. They are not pulled up.

Varieties, in white—Early Frost, Crystal Gem, Oconto, White Chieftain, Wm. Turner. In yellow—Golden Queen, Marigold, Yellow October Frost, Mrs. Morgan, Odessa. In pink—McNiece, Wells' Late Pink, Chieftain.

Special—Bronze Tekonsha, \$5.00 per doz. BASSETT & WASHBURN, Chicago.

CHRYSANTHEMUM STOCK PLANTS.
Bonaffon, Enguehard, Wm. Turner, white and pink Ivory, Robert Halliday, \$4.00 per 100. Cash with order. Subject to prior sale. E. C. LUDWIG FLORAL CO., 710 E. Diamond St., North Side, Pittsburgh, Pa.

ALEX GUTTMAN.

Chrysanthemum (Dinda), the best early lavender-pink in the market. Blooms have been selling for \$6.00 per dozen since middle of September. Stock plants, 75c each; \$7.50 per dozen. GUTTMAN & RAYNOR, Inc., Wholesale Florists, 101 W. 28th St., New York, or Frank Dinda, Farmingdale, L. I., N. Y.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS

CHRYSANTHEMUMS. Good commercial varieties, 2½-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. **HENRY SMITH**, Grand Rapids, Mich.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

COLEUS "Defiance." It defies any other coleus for commercial purposes. C. Winterich, Cyclamen Specialist, Defiance, O.

Coleus. Emperor William, 5-in., 25c to 35c each. **Poehlmann Bros. Co.**, Morton Grove, Ill.

CROTONS.

Crotons. A choice selection of fancy sorts. Well colored. 4-in., 60c each, \$5 per doz., \$40 per 100. **Vaughan's Seed Store**, Chicago and New York.

Crotons. 4-in., 40c; 5-in., 60c each. **Poehlmann Bros. Co.**, Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN SEEDLINGS. Wandsbek type, 8 varieties, equally divided, \$4 per 100; \$30 per 1,000. **Rococo erecta**, new, finest ever introduced. Comes in separate colors, \$5 per 100; \$40 per 1,000. **ERNEST ROBER**, Wilmette, Ill.

Cyclamen Giganteum. Extra choice plants. For sizes and prices see advertisement elsewhere in this issue. **J. A. Peterson & Sons**, 3132 McHenry Ave., Westwood, Cincinnati, O.

Cyclamen. For December delivery, 4-in., \$4.20 per doz.; 5-in., \$6 per doz.; 6-in., \$9 per doz.; 7-in., \$12, \$15 and \$18 per doz. **Poehlmann Bros. Co.**, Morton Grove, Ill.

Cyclamen Persicum Gig. 4½ to 6-in. pots, \$6, \$9, \$12 and \$18 per doz. **Anton Schultheis**, 316 19th St., College Point, New York.

CYCLAMEN. Nice 5-inch, in bud and bloom. Plenty of red, 25c each. **Cash. BRILL CELERY GARDENS**, Kalamazoo, Mich.

Cyclamen. Extra fine Wandsbek type, 4-in., 35c; 5-in., 40c; 6-in., 50c; 7-in., 60c to 75c. **Pfyer & Olsem**, Wilmette, Ill.

DAHLIAS.

My latest novelty, "The Millionaire," \$10.00 per bulb. A light lavender decorative. A monster; a beauty. It's simply wonderful. My new catalogue tells about it.

GEORGE L. STILLMAN, "Dahlia Specialist." Originator of "World-Known" Dahlias. Box A-7, Westerly, R. I.

Dahlias. Best new and standard varieties. **Peacock Dahlia Farms**, Williamstown Junction, N. J.

DAISIES.

BEST FLOWERING DAISIES. Chicago White, special strain, 2½-in., \$5.00 per 100; **Etoile D'Or** (yellow), 2½-in., \$5.00 per 100. **Cash, please.** A. E. HUNT & CO., 30 E. Randolph St., Chicago.

Daisies. Mrs. Sander, 2-in., \$3.00 per 100; \$23.00 per 1,000. **Edward W. Schuster**, Crookston, Minn.

DEUTZIA.

Deutzia Gracilis, pot grown, very bushy plants, now ready. Splendid forcing stock, 6-in., \$2.60 per doz., \$18 per 100; 8-in., \$3.50 per doz., \$25 per 100. **Vaughan's Seed Store**, Chicago and New York.

DRACAENAS.

Dracaenas. For varieties and prices see advertisement elsewhere in this issue. **Vaughan's Seed Store**, Chicago and New York.

Dracaena fragrans, 4-in., bushy stock, \$3 per doz. **The George Wittbold Co.**, 745 Buckingham Place, Chicago.

DRACAENA INDIVISA. 5-in., 35c. **Harry Heintz**, West Toledo, O.

Dracaena Indivisa, 2-in., \$2 per 100, \$18 per 1,000. **Elmer Rawlings**, Allegany, N. Y.

ERICAS.

Ericas. **Fragrans Melanthera**, 4½ to 7-in. pots, \$6, \$9, \$12, \$18, \$24 and \$30 per doz. **President Carnot**, 4½ and 5-in. pots, \$12 and \$18 per doz. **Regemirinas**, 3 and 3½-in. pots, \$3 per doz.; 4½ and 5-in. pots, \$9 and \$12 per doz. **Anton Schultheis**, 316 19th St., College Point, New York.

FERNS

	BOSTON FERNS.	Per doz.
5-inch	\$ 2.40
6-inch	4.20
7-inch	9.00
8-inch	12.00
9-inch	15.00

THE GEORGE WITTBOLD CO., 745 Buckingham Place, Chicago.

FERNS.

Bostons. Grown by us and are the finest in the west. 3-in., \$1.75 per doz., \$12 per 100; 4-in., \$2.50 per doz., \$20 per 100; 5-in., \$5 per doz., \$40 per 100; 6-in., \$8 per doz., \$60 per 100. **Vaughan's Seed Store**, Chicago and New York.

Ferns. **Teddy Jr.**, extra fine stock, broad and perfect; 5-in., 35c each; 6-in., 50c each. **Boston**, fine fresh stock; 5-in., 30c each; 6-in., 50c each. **The Storrs & Harrison Co.**, Painesville, Ohio.

Ferns. **Adiantum Farleyense**, nicely furnished plants, 4-in., \$50 per 100. **J. A. Peterson & Sons**, 3132 McHenry Ave., Westwood, Cincinnati, O.

Ferns in flats. In best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias. **H. Plath, Lawrence and Winnipeg Aves.**, San Francisco, Calif.

Ferns. **Nephrolepis Verona**. Splendid fronds, stand up well, 2-in., \$8 per 100, \$72 per 1,000; 3-in., \$12 per 100, \$90 per 1,000. **P. S. Randolph & Sons**, R. D., Verona, Pa.

TABLE FERNS. best varieties, fine stock, 2-in., \$3 per 100, \$25 per 1,000; 3-in., \$5 per 100, \$40 per 1,000. **HENRY SMITH**, Grand Rapids, Mich.

Ferns for all purposes. For varieties and prices see advertisement elsewhere in this issue. **Vaughan's Seed Store**, Chicago and New York.

Fine Nephrolepis ferns. For varieties and prices see advertisement elsewhere in this issue. **F. R. Pierson Co.**, Tarrytown, N. Y.

Ferns. table, 2½-in., \$3.50 per 100; 3-in., \$8 per 100; holly, 5-in., 25c each. **Poehlmann Bros. Co.**, Morton Grove, Ill.

FERNS. Boston and Whitmani, splendid 5-in., 25c each. **Cash. BRILL CELERY GARDENS**, Kalamazoo, Mich.

GERANIUMS.

Geraniums. Alpha, Ricard, Beauty Poitevine, Jean Vland, Edmond Blanc and Scarlet Bedder, 2-in., \$2 per 100, \$20 per 1,000; 3-in., \$3 per 100, \$30 per 1,000. **S. A. Nutt, Gen. Grant, Mad. Buchner, Mad. Recamier, Jean Oberlee, Abbie Schaffer, E. G. Trego, etc.**, 2-in., \$2 per 100, \$18.50 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. **R. Vincent, Jr., & Sons Co.**, White Marsh, Md.

Geraniums. Well established two and a quarter inch stock. Top cuttings and no hard wood. Varieties: **S. A. Nutt, General Grant, Madame Buchner, Gloire De France**, \$3.00 per 100, \$25.00 per 1,000. You will appreciate our good packing. See our ad for **Schizanthus** elsewhere in this issue.

STUPPY FLORAL COMPANY, St. Joseph, Missouri

GERANIUM CUTTINGS: Nutt, double Grant, Perkins, Castellane, Vland and Jaulin, \$14.00 per 1,000; Poitevine, \$16.00 per 1,000. **HARRY T. MEAD**, 1230 Hanover St., Manchester, N. H.

Geraniums. S. A. Nutt, 2-in., \$2.00 per 100; \$18.00 per 1,000; rooted cuttings, \$12.00 per 1,000. Also few white cuttings and 2-in. good stock. **Cash. W. E. ALLEN**, Leominster, Mass.

Geraniums, 100,000 in 2 and 2½-in. pots, in 28 varieties, \$2.25 per 100; \$20 per 1,000. **Alonzo J. Bryan**, Washington, N. J.

Geraniums. S. A. Nutt and Buchner, \$13.50 per 1,000; Ricard and Poitevine, \$16 per 1,000. **Albert M. Herr**, Lancaster, Pa.

Geraniums. 2½-inch stock, best varieties, \$20 per 1,000. **Pfyer & Olsem**, Wilmette, Ill.

GLADIOLI.

Panama Gladiolus, California raised, 300,000 bulbs, \$1 per 1,000, 5,000 bulbs, 1½-in., \$25 per 1,000. **C. C. Morse & Co.**, 749 Front St., San Francisco, Calif.

GREENS.

Greens. **Southern Wild Smilax**, \$2.50 per case; holly, \$2.25 per case; fadeless sheet moss, \$3.50 per bag; natural sheet moss, \$1.75 per bag; southern gray moss, \$2.50 per bag; long needle pines, \$1.25 per dozen. **Caldwell The Woodsman Co.**, Evergreen, Ala.

Greens. **Southern wild smilax**, \$2.50 per case; holly, \$2.25 per case; dyed sheet moss, \$3.50 per bag; natural sheet moss, \$1.75 per bag; long needle pines, \$1.25 per dozen; gray moss, \$2.50 per bag. **E. A. Beaven**, Evergreen, Ala.

English Holly. Finest lot of holly in the northwest, 25c per lb. for plain; 60c per lb. for berried. **F. O. B. S. L. Harper**, 1533½ Tacoma Ave., Tacoma, Wash.

Southern Wild Smilax. \$2.00 per 50-lb. case. Very quick delivery. **WINTERGREEN GARDENS**, Marion, Ala.

Greens. Choice cases holly, holly wreaths and laurel roping. Write your requirements. **H. E. Conwell**, Milton, Del.

HYDRANGEAS.

Hydrangeas, 3½-in. pots, single stem plants, set with good, plump flower buds, \$6 per 100. For varieties see advertisement elsewhere in this issue. **Jackson & Perkins Co.**, Newark, New York.

HYDRANGAEA OTAKSA, 3-in., \$5 per 100. Flowering sizes pot-grown, 25c to 50c each. **HENRY SMITH**, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. **Peterson Nursery**, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. **C. L. Van Meter**, Monticello, Iowa.

JERUSALEM CHERRIES.

Jerusalem Cherries, 4-in., stocky, \$1 per doz., \$8 per 100. **The George Wittbold Co.**, 745 Buckingham Place, Chicago.

LANTANAS.

LANTANAS, 3-in., yellow and pink, strong plants, \$8 per 100; weeping 3-in., \$6 per 100; 2-in., \$3.50 per 100. **ERNEST ROBER**, Wilmette, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. **Chas. Schwabe & Co., Inc.**, 90-92 West Broadway, New York.

MOONVINES.

Moonvines, Parlor Ivy, Cuphea, Petunias, Salvia, Swainsona, Lemon Verbenas, Alternantheras, 2-in., \$2 per 100; 3-in., \$3 per 100. **R. Vincent, Jr., & Sons Co.**, White Marsh, Md.

NURSERY STOCK.

Write for wholesale price list of ornamental nursery stock. **MAYWOOD NURSERY CO.**, Maywood, Ill.

ORCHIDS.

Orchids of all kinds, established and semi-established. **Lager & Hurrell**, Summit, N. J.

PALMS.**PALMS.****KENTIA FORSTERIANA SINGLE PLANTS.**

	Leaves	Each
6 inch pots	5-6	28 inches high... \$ 1.25
6 inch pots	6-7	32-34 inches high... 1.50
6 inch pots	6-7	34-36 inches high... 2.00
8 inch tubs	6-7	40-42 inches high... 3.50
8 inch tubs	6-7	42-46 inches high... 4.00
8 inch tubs	6-7	50 inches high... 5.00
9 inch tubs	6-7	52-56 inches high hv 7.00
10 inch tubs	6-7	60 inches high... 8.00
10 inch tubs	6-7	60-65 inches high... 12.00
15 inch tubs	6-7	8 feet high... 40.00
15 inch tubs	6-7	9-10 feet high... 50.00

KENTIA BELMOREANA SINGLE PLANTS.

	Leaves	Each
2½ inch pots	4	\$1.50 per doz., \$12 per 100
		ins. high Per Doz.
4 inch pots	5-6	16-18 45c each... \$5.00
6 inch pots	5-6	24 each 1.25
6 inch pots	5-6	28 each 1.50
8 inch tubs	5-6	42 each 5.00

Specimen plants, 15 inch tubs, \$75.00 each.

KENTIA FORSTERIANA MADE UP PLANTS.

	Plants	Each
6 inch pots	3	26-28 inches high..... \$ 2.00
7 inch tubs	3	30-32 inches high..... 2.50
8 inch tubs	3	38 inches high..... 4.00
8 inch tubs	4	48-50 inches high..... 5.00
9 inch tubs	4	52 inches high..... 8.00
10 inch tubs	4	54 inches high..... 8.00
12 inch tubs	4	60-64 inches high..... 12.00
12 inch tubs	4	66 inches high..... 15.00
15 inch tubs	4	6-6½ ft. high, heavy... 25.00
15 inch tubs	4	75-80 inches high..... 30.00

ARECA LUTESCENS.

	Plants	Each
6 inch pots	4	bushy, 24-26 inches high... \$1.25

ASPIDISTRAS.

5 inch pots	10-12 leaves green	..... \$1.00
6 inch pots	16-20 leaves green	..... 1.50
5 inch pots	10-12 leaves var.	..... 1.50

POEHLMANN BROS. CO., Illinois.

Palms. **Cocos Weddelliana**, 2-in., \$1.75 per doz.; \$14 per 100; 3-in., \$2.50 per doz. **The George Wittbold Co.**, 745 Buckingham Place, Chicago.

LATANIA BARBONICA PALMS. 15-in. tubs, suitable for decorative work, \$5 each. **Pandanus Veitchii**, 15-in. tubs, \$5 each. **HENRY SMITH**, Grand Rapids, Mich.

PALMS.

Kentia Belmoreana, 4-in., 5 leaves, 40c each; 5-in., 5 leaves, \$1.00 each; 6-in., 5 to 6 leaves, \$1.25 each; 6-in., 6 leaves, \$1.50 each. Kentia Forsteriana, 6-in., 5 to 6 leaves, \$1.50; 7-in., 6 leaves, \$2; 7-in., 6 to 7 leaves, \$2.50. Made-up bushy plants, 3 and 4 plants to a tub, 7-in. tub, 36 in. high, \$3.50 each; 8-in. tub, 38 to 40 in. high, \$4.50 each; 8-in. tub, 40 to 44 in. high, \$5 each; 9-in. tub, 54 to 60 in. high, \$8.50 each. The Storrs & Harrison Co., Painesville, Ohio.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th Sts., Philadelphia, Pa.

Kentia Palms, 4-in., \$40 per 100; 5-in., \$1 each. The Storrs & Harrison Co., Painesville, O.

Palms. Joseph Heacock Co., Wyncote, Pa.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. HENRY SMITH, Grand Rapids, Mich.

Pandanus Veitchii, 4-in., 35c each; 6-in., 75c to \$1 each; 7-in., \$1.25 each; 9-in., \$2.00 each. Pochmann Bros. Co., Morton Grove, Ill.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

Peppers. Bird's-Eye, bushy plants, 4-in., \$12.00 per 100; \$100.00 per 1,000.

Peppers, Celestial, 4-in., \$12.00 per 100; \$100.00 per 1,000.

Jerusalem Cherry, 4-in., \$12.00 per 100; \$100.00 per 1,000.

PYFER & OLSEM, Wilmette, Ill.

POINSETTIAS.

Poinsettias. The large, handsome red bracts and bright green leaves make a beautiful contrast. 5-in., 75c each, \$8 per doz.; 6-in., \$1 each, \$10 per doz.; 7-in., \$1.50 each, \$15 per doz.; 8-in., \$2 each, \$21 per doz.; 10-in., \$3 each, \$30 per doz. Vaughan's Seed Store, Chicago and New York.

Poinsettias for Christmas flowering, 5-in., 25c; 6-in., 35c; 8-in., 60c; 9-in., 75c. Made-up, 7-in., 75c; 8-in., \$1 and \$1.25; 9-in., \$1.50 and \$2; 10-in., \$2 and \$2.50. The George Wittbold Co., 745 Buckingham Place, Chicago.

Poinsettias, 6-in., 50c each; 7-in., 75c each; 8-in., \$1 to \$1.50 each. Pochmann Bros. Co., Morton Grove, Ill.

PRIMULAS.**PRIMULA MALACOIDES.**

Extra fine stock.	100	1,000
2-inch	\$3.00	\$27.50
2½-inch	4.00	35.00
3-inch	6.00	50.00

PYFER & OLSEM, Wilmette, Ill.

Primula Obconica. Assorted rich colors, 4-in., \$1.50 per doz.; \$12.00 per 100; \$100 per 1,000. The George Wittbold Co., 745 Buckingham Place, Chicago.

Primula Obconica Gigantea, good colors, no white. Splendid 5-inch in bloom, 20c each. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

PRIMULAS. Obconica. Chinensis and Malacoides, 2-in. pots at \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

Primulas Malacoides, Chinensis and Obconica, very fine plants, in bloom, 4-in., 10c. Pyfer & Olsem, Wilmette, Ill.

PRIVET.

California Privet, special grade, 12 to 18-in., \$8 per 1,000; 1½ to 2 ft., \$10.50 per 1,000. Cash with order. Also Amoor Privet, Polish Privet and Berberis Thunbergii at attractive prices. J. T. Lovett, Little Silver, N. J.

ROSES.

Roses. Extra strong, field-grown climbing roses to bloom for Easter; also hybrid perpetual roses. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Selected Forcing Grade Roses, Climbers, extra strong, \$15 per 100; baby roses, \$15 per 100. For varieties see advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, New York.

Roses. Pot-grown, 2½ and 4-in. Field grown, to pot, 5 to 6-in. The Leddie Floral Co., Springfield, O.

SCHIZANTHUS.

SCHIZANTHUS WISETONIENSIS. Nice bushy plants, well established and ready to shift up. Should make nice fives and sixes for March and April sales. Strong 3-in. stock, \$1.00 per 100. You will appreciate our good packing.

See our ad for Geraniums elsewhere in this issue.

STUPPY FLORAL COMPANY, St. Joseph, Missouri

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seeds. Asparagus Plumosus Nanus, greenhouse grown, 1,000, \$3.50; 10,000, \$32.50. California grown, 1,000, \$2.50; 10,000, \$22.50. Arthur T. Boddington Co., Inc., 128 Chambers St., New York.

Increase your stock: 1,000 seeds, 50c. 200 Asparagus plumosus, 200 Asparagus Sprengeri, 200 Boston Ivy, 200 Dracena Indivisa, 100 Pepper tree, 100 Acacia Floribunda. GEORGE LEAVER, P. O. Box 1049, Los Angeles, Calif.

Seed. New crop northern greenhouse grown Asparagus plumosus nanus, 50c per 100 seeds; \$1 per 250 seeds; \$3.50 per 1,000 seeds. Vaughan's Seed Store, Chicago and New York.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, contract growers of cucumber, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, contract growers of pepper; egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, Lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds. Bean, cucumbers, muskmelon, watermelon, squash and sweet corn. Michigan-grown radish our specialty. S. M. Isbell & Co., Jackson, Mich.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed. Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, specialties: Lettuce, onion, sweet pea, aster, cosmos, mignonette, verbena in variety. Waldo Rohnert, Gilroy, Calif.

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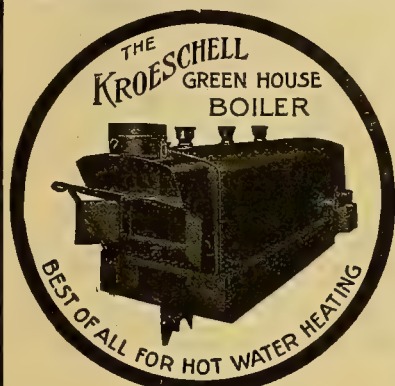
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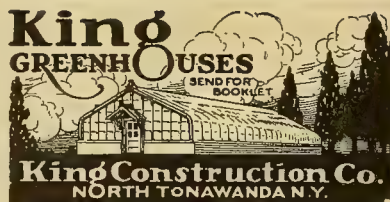
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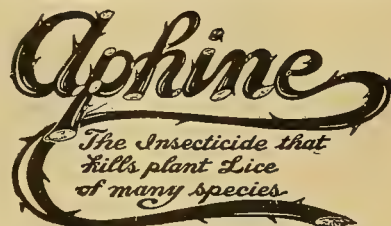
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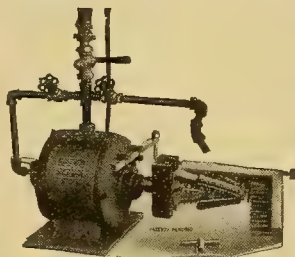
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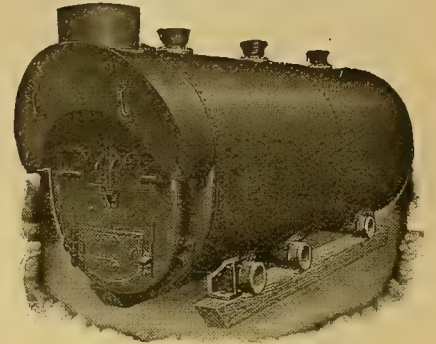
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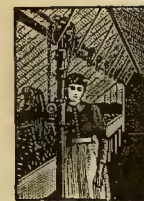
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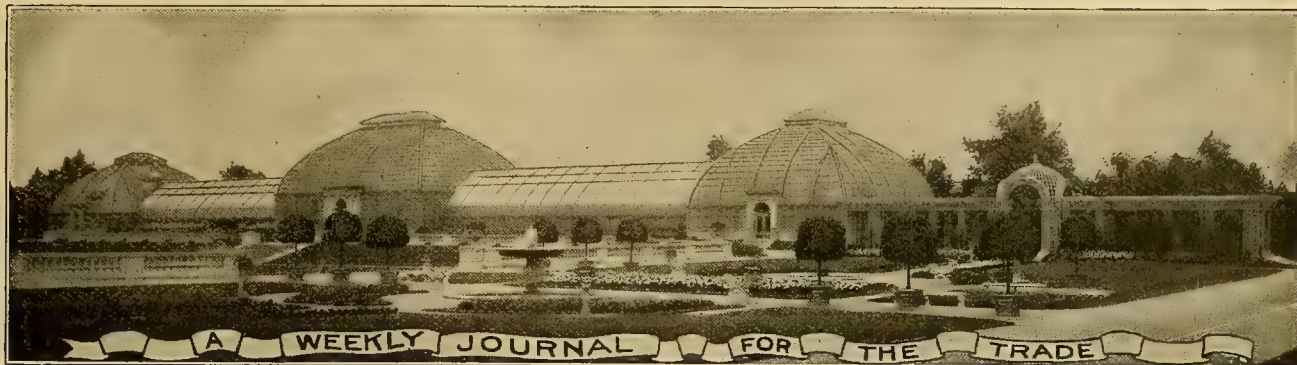
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CHRISTMAS SUGGESTIONS.

Getting Ready for Christmas.

The business of this winter holiday is most important. The cheerful Christmas-giving spirit is abroad in the land; all troubles are laid aside and forgotten in the "Merry Christmas and Happy New Year" to all. The florist, however, is not, as at Easter, the only beneficiary. Every trade is bidding and participating in the harvest, so that it behooves the entire craft to do their utmost in their various lines, the growers particularly, in working up novelties, or by special culture to old favorites, clothe them with an elegance and luster so beautiful and captivating as to insure their successful sale.

All growers, both of plants and cut flowers, have been working for months to get their stocks in the best condition and all their crops, roses, carnations, violets, etc., have been timed to bear their heaviest for the Christmas demand, which is looked forward to as a harvest when their careful and earnest efforts of the fall months will be rewarded.

The retail store is the final mart, and here it is that the last and greatest demonstration should be made. There are many skilled business men in this branch of the craft who rise to the occasion, in whose stores will be found "things as they ought to be." The stock is of the best, all the accessories novel and staple, plants and cut flowers in bewildering array, the whole establishment presenting a preparedness and readiness for the extensive business that is sure to crown their efforts. So much depends on this word, prepared; the business of one month or six weeks is crowded at this time into one, and most of it into the last three days. Great forethought and an effective system in the management of all the details is necessary. Carefully worked-out plans to add to and conserve the forces of the establishment will greatly relieve the strain and increase its efficiency. Doing everything possible in the selection of stock and supplies of all kinds fully two weeks before the event, will be found of the greatest

assistance. The comparatively idle weeks of the dull summer season are, by those who look ahead, turned to good advantage in the preparation of much of the work that is seen being hurriedly gotten together in other stores at the last minute, taking vitality and efficiency from men when it is most needed.

Good extra help is hard to get at this time, but at most colleges in every large community there will be found bright young men who are willing to spend a few of their holiday vacation days in helping out. Such men have been found very efficient.

Making the most of available store space so that the stock can be advantageously displayed is very important. A fixing up, giving the interior a Christmassy appearance, can be done at slight expense, and makes a proper setting for the plants and other stock. Many of the wreaths and other accessories used in the decorative scheme can be utilized in filling orders or in outside decorations the last day. Everything offered for sale should be made to look its best. A well placed bow of ribbon with a little holly will oftentimes balance up a rather one-sided plant, while a basket of plants that has become a trifle passe, can be touched up with a few flowers in tubes of water concealed amongst the plants.

Great care should be taken with packing and delivery. A number of boxes, crated and lined with paper for out-of-town orders, should be in readiness. Getting express orders off early is of the utmost importance—one delayed shipment may mean a loss that would pay an extra hand for a week. Letters should always be sent to recipients notifying that goods have been shipped, for which they will be on the lookout. Mistakes in street or number addresses, occasioning delay, are often corrected in this way.

A great help in getting out orders at these rush times is system in the preparation of all the details. Orders taken on separate numbered sheets are

turned in to the bookkeeper, who notes the flowers or plants required, together with date and hour of delivery on a slip about the size of the addressed shipping tag. An envelope marked "This envelope contains card to go with (package described)," contains the card. These three, first the slip with order and date, then the tag and card envelope, are fastened together with a wire clip and placed in a rack of boxes dated for the week.

When cutflower orders are to be put up, one competent man should select the stock, which, with the addressed tag and card, is given to others to arrange in the boxes. The tag is pinned on the box and passed along to the wrappers. With this system there is no hurried writing of tags or questioning about orders, all such details having been attended to by the bookkeeper or other person. Tag envelopes are best used in plant orders as they are eyeleted at one end and can be securely tied to the plant before the wrapping and are not so easily lost as when simply dropped or loosely laid on the pot as is often done.

So many orders are now taken over the telephone that their handling should be in the hands of a competent person. The larger stores are now generally equipped with a branch system, with a number of conveniently placed phones to save steps and booths to give privacy. The telephone is a great business bringer and no establishment worth while but should be properly equipped in this respect. To many impatient people, a reported "busy" phone means at once a call elsewhere, and to the house a lost opportunity.

Christmas Baskets, Wreaths and Greenery

There is nothing handled by the retailer at the Christmas holidays that will return more profit than the small basket of assorted evergreens and berries. There is a great variety of baskets of the tumbler size; every supply house is strong in this miniature department. All are fitted with tins, tumblers or paraffined cups that will hold water. In the stock will be found any color desired. While red is the Christmas color, silver, gilt, or shades of green will show a better contrast with the contents, and ribbon, which is always red, green and red, or of the holly pattern. The basket should stand without feet, tripod or other support, as when filled, with its rather bulky contents, if raised even a few inches, it is apt to be caught and easily overturned. The handle should be high enough or of such width as to support the ribbon bow in a position to give it full effect. The tin should be filled with green clump moss, put in straight so as to offer the least resistance to the stems of the greens and holly; this should be made and kept soppy wet, adding much to the life and freshness of the contents.

Good, bright, fresh nursery evergreens should be used for the foundation work. Golden and silver retinisporea, golden arborvitae, several varieties of spruce, hemlock, Lawson's cypress, boxwood, cedar with berries, bright, well berried holly, etc., will form an assortment that can be worked up to the best advantage. If the stock is made ready, branches thinned out and trimmed to right size, a lot of the baskets can be run off in a short time. Holly works better if most of the

foliage is cut away, showing the bright berries which, standing out against the already rather dense background of the other greens, is very effective. Statice, red and silvered ruscus, white minerva, small cones in the natural, or gilt and silvered, small thistles, etc., used sparingly, add color and variety, which, with the finish given by a neatly made bow of red ribbon, makes a very attractive and saleable article. These baskets if made immediately after the Thanksgiving trade is out of the way and packed in a cool place, protected from drafts, will keep in good condition and require but the ribbon to make them one of the most saleable and profitable articles in the shop.

A few hampers and larger baskets may also be prepared; if artistically arranged, with a good quality silk ribbon bow, such work will bring almost as much as a plant or cut flower arrangement. All ribbon used at the holidays should be silk, the cheap mercerized stock being dear at any price. All this work should be properly finished. A bedraggled half-made article of any kind scarcely gets a second look; it should be made good as soon as noticed or at once removed from stock.

Very much of the laborious and drudgery work of the holidays comes from the orders received in the last few days for wreaths and other forms of cemetery decorations. Wreaths and crosses, principally wreaths with a

foundation of galax, magnolia or boxwood, decorated with flowers, or more often with holly, red ruscus, etc., are the conventional designs. Spruce and other evergreen wreaths, touched up with cones, statice and ruscus, are also much in vogue. A large stock of the prepared magnolia wreaths should now be on hand, the work of idle moments of the summer season; also, a large quantity of mossed wreaths of all sizes.

Boxwood and evergreens can be worked up with every spare moment after December 1, and if kept moist and from the air in a cool place, will easily retain their fresh appearance until after the holidays. The stock for all this work should be secured from the supply houses in ample time; to find out after a hurried call that they are out of anything desired, but a delayed shipment is expected every day, is very annoying and the dealer is blamed for the lack of forethought in his customer.

Holly.

Holly wreaths and crosses are best prepared by the men who make a business of their arrangement. A large, well made, full holly wreath is one of the most satisfactory of the Christmas greens, but to a novice or even an expert in cut flower work, it is one of the most difficult to get together. If ordered from the expert woodsman, and kept in his well packed boxes or barrels in a cool place until wanted, they will



CHRISTMAS BASKET BY G. E. M. STUMPP, NEW YORK.

Poinsettia, Skimmia and Adiantum Farleyense.

open up in fine condition. Nothing spoils quicker, however, than holly when exposed to heat and drafts and allowed to dry out.

Holly is the great Christmas green, and a sufficient supply of the best grade should always be secured or engaged from the dealer whose stock has been found satisfactory. Cheap grades are nearly always disappointing. It should be packed in tight boxes, the open crates admitting air, which dries out the leaves. Upland holly, that cut from mountain sides or high banks, is generally better berried than that which grows in soft, swampy ground. The foliage of the upland is not good, but when trimmed out, leaves large bunches of berries, which are very useful for decorating baskets, wreaths, etc. One case of this upland variety will provide more berries than two cases of the lower green leaved stock.

Holly is handled much more economically if, when it arrives, or before the time comes to deliver orders, it is bunched in sizes that will show a good profit to each case and then repacked in the cases. At rush times, one man's dollar's worth of holly may be much more or less than the standard of the house, but if bunched beforehand by a competent person, there is a great saving in time; the customer gets full worth and the transaction is satisfactory every way.

Laurel and lycopodium wreathing are also good holiday stocks. These are also best secured from headquarters, or from men who make a specialty of this work. The stock that is sold by the market supply dealers on commission is generally very poorly wrapped and seldom satisfactory.

Well shaped, miniature spruce trees for table or house window decoration, are somewhat cumbersome to handle, but show a good profit. The best are supplied by local nurserymen with roots. These are planted in small, green tubs, which can be done at the nursery and stored under cover until wanted. Perfectly shaped stock, with tub and plant decorated with ribbon, will oftentimes bring a price that is well worth the trouble. A gay effect is produced with small wired pompons of red immortelle attached to the ends of most of the branches. Thus adorned, trees will sometimes bring two or three times the price of the plain green.

Preparedness is the word with all this class of the Christmas work; it relieves the great strain caused by the enforced night work so often necessary, and which could be avoided, or at least greatly eliminated, by careful planning in the comparatively quieter days of early December.

K.

Sibley Wedding Decoration.

A wedding decoration that was most favorably commented upon by the press of Athol, Mass., was arranged recently by Chas. W. Sibley, the well-known florist of that city. Festoons of laurel entwined the balustrade in the hall, on the newel of which rested a wonderful bouquet of white chrysanthemums arranged with laurel. Southern smilax, arranged with fancy chrysanthemums, embellished the music room, while pink roses were used effectively with other flowers in the dining room.



OTAHEITE ORANGE BY G. E. M. STUMPP, NEW YORK.

Sceery's Elaborate Wedding Decoration.

Edward Sceery, who has a fine store at Paterson, N. J., and another at Passaic, arranged a very noteworthy decoration in the First Presbyterian church, Passaic, for the Bensen-Robenson wedding, which took place November 28. As a preliminary, 20 cases of southern smilax were used on the walls and galleries. Eight thousand Easter lilies were used in decorating the pews and about the altar. Three thousand chrysanthemums were appropriately placed, with palms on the platform. Outside, at the entrance to the church, the walk was lined with 72 bay trees.

The bridal bouquet was of orchids and lily of the valley; the maid of honor carried bouvardia and roses, the six bridesmaids, orchids and gardenias.

At the residence of W. S. Bensen, the bride's father, who is a prominent official of the Standard Oil Company, there were also lavish decorations. Four thousand roses of different varieties were used, 700 being American Beauties.

On the lawn, the decorator constructed a sunken garden for dancing, which was covered by a large tent. Here were magnificent chrysanthemums, the best the market afforded, palms, boxwood and bay trees. Taken

throughout, it was the finest decoration ever seen in that part of the country, even some New Yorkers who saw it, thought that Paterson and Passaic had put one over on them.

A. F. F.

Feared He'd Be Angry.

She was a muscular young Amazon from the wilds of Hoxton, and she was doing war work down at the old farm.

One morning the farmer's wife, passing a belt of trees, which the Amazon was learning to fell, found her in tears.

"What's the matter, Annie?"

Annie fingered the ax dolefully. "I've been and cut down the wrong tree, and I'm afraid the master'll be awful wild."

"Oh, that's all right, my girl. He understands that you're new to the work, and you've got to learn. We all make mistakes sometimes. I'll go and explain matters to him. Where is he—in the cowshed?"

"No, mum. 'E's under the tree!"—
London Answers.

BALTIMORE, MD.—Fire, smoke, and subsequent exposure to frost caused considerable damage at the range of John Miller on York road, November 21.

THE ROSE.

Preparing for the Christmas Cut.

As the Christmas cut is only a couple of weeks away, there are many little details to look after in order to have the stock in an A No. 1 condition. The first important step will be to go over all of the plants and tie them carefully; very often it will be found necessary to tie the stems a few inches below the buds, the object being to keep the stems straight, and also to keep the growths from becoming entangled. We would suggest using sufficient time to do this work carefully, using several ties per plant if necessary, instead of merely running a loop around each plant.

After tying everything up ship shape, one can syringe more thoroughly, and the fumigating should be frequent enough to keep the plants absolutely clean. This is best accomplished by fumigating lightly and frequently; also keep the fumes of sulphur noticeable in the rose houses. This can also be overdone, but if one pipe is painted with sulphur, say a space three feet long to every length of this one pipe (one of the returns) daily, there is seldom any chance for mildew to get in. For good color and firm, well ripened stock, a little air carried on moderately warm nights, where there are no high winds, will help wonderfully in this respect; if only half an inch, it will do a great amount of good; also, carry as much air as possible through the day and try to avoid a stuffy, close atmosphere in the houses.

Do not mulch any of the beds at this time; a little dried blood alternating with the liquid manure will be far safer at this season, using a small handful of the blood to two square feet of soil surface distributed evenly over the beds. Dried blood is a very concentrated food and soluble, reaching the spot at once. The foliage will show the results often the day following the watering in of the blood; therefore, it would be rather risky to use more than the amount prescribed above. The liquid manure can be used full strength, from now on, letting the dried blood, if applied, take the place of the liquid manure for one watering, following the blood a week later with the manure water. It will not be advisable to do any feeding after the buds set their color strongly; it will also add to the color of the flowers to let up slightly on the watering if the house is being cropped.

Do not let the soil become dry by any means, but avoid "slopping" things during the heavy cutting. Usually heavy spraying will keep the soil in fine condition in the solid borders for a week at a time where there is not a great deal of, unusually heavy firing. Of course, on the raised benches, where there is bottom heat, one will have to water frequently; a good soaking when it is done is the safest, allowing the soil time enough to require a good application of water when you are about it. A light watering done quite frequently usually results in a soggy surface and a dry bottom soil. It also has a tendency to clog the drainage, and where liquid manure is used frequently, the clogged drainage will collect the salts from the manure and

other fertilizers, causing a general setback to the plants. So the best plan, we think, as stated above, is to water less frequently and liberally when it is being done.

I have repeatedly warned the inexperienced grower about "pickling" or holding the cut stock for any great length of time for the Christmas holidays. It is extremely poor practice. The longest the writer held stock for the Christmas sales last year was 48 hours. Our stock was cleaned up to the last bud at "top notch" prices, to the entire satisfaction of the commission man, the stores and of course ourselves. Yet there was stock left over in the market that was at one time as good as the best when cut, but it had been held back for at least a week and much of it finally went to the fakers almost as a gift. Still they do it, and we wonder why.

Use plenty of jars and have them clean—do not crowd them, and water, being the cheapest thing this season the florist has on hand, do not be stingy in keeping a fresh supply in the said jars. A dry, cool atmosphere, with the temperature at 44 degrees, will be found ideal for the cut stock. This condition can be made in almost any good cellar, when the weather is cold enough outside, and is, we think, preferable to the ordinary ice box in winter, as the stock should not be held for more than two days at a time; its freshness will be assured if kept under the above conditions. Of course, there should be the usual amount of care taken in preparing to handle the cut safely and in an up-to-date manner; also, employing some system in the shipping and sales department, having the packing boxes lined to prevent freezing in any old weather; also labels, tags and the retail boxes, where

one can find the proper size in its proper place. The small boxes should also be lined ready for the retail orders, from the half dozen size up. As the old saying goes, "Have a place for everything, and everything in its place." By the way, do not forget to be on the lookout for some good English or Irish manetti stocks if you haven't it already on hand. Be rather liberal in ordering enough to be assured of using only the best of the stock; there is always somewhere around 5 to 10 per cent loss. Look over the houses and decide just what you want to grow another year and stick to it.

E.

Rose Diseases.

Report of Dr. L. M. Massey, Specialist on Rose Disease Investigations, Department of Plant Pathology at Cornell University.

A special and extensive investigation of the diseases of roses has been undertaken by the department of plant pathology, Cornell University, Ithaca, N. Y. This work, which was begun August 1, 1916, is being conducted in co-operation with the American Rose Society, whose members have contributed towards the financial support of the undertaking.

During the past three months much time has been spent in visiting rose plantings in northeastern United States, making a survey of diseases. The gardens and greenhouses of some 35 rose growers have been visited. The number and extent of the diseases present have been noted and specimens taken for further study. Growers have also materially aided the work by sending in specimens. These specimens have been examined and the grower advised as to the cause and control of the disease so far as our



HOLLY WREATH WITH BUNCHES OF BERRIES.

present knowledge and experience allows.

Unfortunately, nothing is known concerning the control of many diseases of the rose, and but little concerning even some of the most common diseases; and what little is known is mostly of an academic rather than of a practical nature and not accessible to the average grower. Every grower who has endeavored to obtain much information upon any rose disease has been brought face to face with this unfortunate situation. It is for the correction of this condition that members of the American Rose Society have enlisted the services of a plant pathologist to investigate rose diseases and place the information before the growers.

The preliminary survey has shown that the two most common diseases of the rose are the powdery mildew and the black spot, both on indoor and outdoor plants. These diseases have received the most attention of growers and plant pathologists in the past. It has been proved beyond doubt that they are caused by fungi, the life-histories of the causal organisms have been partially worked out, and various suggestions for control offered. Considerable work remains to be done to determine the conditions which favor the development of these diseases and the best methods of treatment. It is the plan of the writer to publish a short article in the trade papers in the near future upon each of these diseases in which the known facts concerning them will be placed before the growers.

However, the survey has revealed the fact that other diseases besides mildew and black spot cause rose growers considerable losses. In fact, many greenhouse men claim that these two diseases cause them little worry.

Ophelia and American Beauty plants affected with a serious root or crown rot have been received from growers and observed by the writer, in visits to rose houses. The plant decays just below the surface of the soil, usually where the plant "breaks," the developing branches being encircled by the rot. Soon the parts of the plant above ground become yellow and of a sickly appearance as if starved for moisture or food, and die a more or less lingering death. Some growers have kindly furnished samples of plants so affected, and several organisms which may possibly be causing the disease have been isolated from diseased tissue. Inoculations will be made to determine which organism is the cause. The life-history of the pathogene will be studied and an attempt made to work out some method of control. This is necessarily a slow process, but will, we trust, result in the discovery of an effective means of controlling the trouble.

Other diseases which have been noted are: (1) crown gall, caused by a bacterial pathogene, affecting the roots and occasionally the stems of both indoor and outdoor roses; (2) Phyllosticta leaf-spot, affecting outdoor roses, chiefly ramblers; (3) other leaf spots and cane diseases of unknown causes. Work upon the cause of the diseases in this last group is now under way. Extensive experiments on the control of leaf-spot diseases of indoor and outdoor roses are being planned and will be tested out as quickly as possible. Reports of progress will be made from time to time.



WREATH OF WRAPPED MAGNOLIA LEAVES AND HOLLY.

Some misunderstanding seems to exist among growers in regard to sending specimens for examination. Where desirable a postal card will bring to the grower one or more franked tags which will carry specimens by mail postage free; or the grower may pay the postage if he so desires. The specimens will be examined and the sender furnished with all available information regarding the cause and control of the disease. Not only members of the American Rose Society, but rose growers in general may take advantage of this opportunity to obtain information relating to rose troubles. By sending specimens the grower will not only help himself but will be materially aiding the project. Specimens will always be appreciated, regardless of whether or not they are of a new or old disease, or of economic importance. It is especially desired at this time to obtain rose plants affected with root diseases.

Address all correspondence to L. M. Massey, Department of Plant Pathology, Cornell University, Ithaca, N. Y.

Electricity and Plant Growth.

Evidence is accumulating that plants subjected to high tension electricity by means of overhead wires respond by increased vigor and yield. Thus in the experiments carried out by Miss E. C. Dudgeon in 1915 near Dumfries, oats grown on electrified and non-electrified areas each of 1½ acres, showed a marked response to electrification. The yield of grain in pounds from the electrified area was 1,309 as against 1,003 from the non-electrified control—an increase of grain of 30 per cent. The

yield of straw was even more markedly in favor of the electrified plot, 2,476 pounds, as compared with 1,572 pounds, an increase of 58 per cent. We believe that similar and even more decisive results have been obtained at Dumfries this year, and that electrification again resulted in large increases both of grain and straw. On the contrary, as those who have visited the R. H. S. Gardens at Wisley may have observed, similar experiments which have been carried out by the R. H. S., in conjunction with the Imperial College of Science, have not so far yielded results in favor of electrification. We are informed, however, that these experiments are to be continued during the coming year. If they result in increases of yield of horticultural plants as large as those which appear to be consistently obtained with oats, we may yet live to see the overhead electric discharge in operation as an adjunct to intensive cultivation. The cost of the current used is but small, although that of the initial installation is by no means inconsiderable. Where cheap current is available, however, the method, if it prove to have a pronounced and positive effect on the crops, should have a bright future before it.—London Gardeners' Chronicle.

PORTLAND, ORE.—The store of Hoyt Bros. Co. has been improved and enlarged, a handsome show window being a feature.

LYNCHBURG, VA.—J. J. Fallon has purchased 10 acres of land near the city and will erect a model range of 150,000 square feet of glass.

THE CARNATION.

General Winter Routine.

The general routine work in caring for the carnation plants should be followed up closely, giving the necessary daily detail parts of the work prompt attention, all of which are most important if the best results the plants can give during the next three months are to be obtained. We are now approaching the holiday season when every flower that can be cut is quite valuable, and though a fine showing for Christmas and New Year's is desirable, it is a poor policy to push the plants to the extreme to obtain it. The few extra flowers that can be cut by extra forcing often result in a weakened condition of the plants for the balance of the season.

When the plants are full up with buds showing color, three or four extra degrees higher temperature and slightly closer conditions in the houses during the daytime, will help the buds to open faster and do no harm to the plants, but unless the buds are well developed, it is a mistake to attempt any change from the regular even temperatures. Among the most important points of carnation culture during the winter season, is to maintain an even day and night temperature. At night, during very severe weather, the temperature in the houses should be held close to 50 degrees, and when the outside conditions are moderate, 52 degrees inside should be carried. The day temperature should also be governed by the weather conditions; on cloudy days the houses ought to be held at 56-58 degrees with a crack of ventilation on whenever possible, ideal conditions on such days for the steady growth of the plants being a temperature of 56-58 degrees with a pipe or two of steam on and a crack of air on at the ventilators. This insures a clear growing atmosphere. When the weather is bright during the day, the inside temperature can run up to between 60-65 degrees without doing any harm, providing there is very little, if any, steam on and the temperature is being regulated by the ventilation. Many days, though the sun may be very bright, there is a sharp, piercing air that will not allow for the ventilators to be opened more than a crack, or a cold draught will blow on to the plants, which must be guarded against at all times. It is also a good plan to have a thermometer on the cold side of the houses to see what the difference in the temperature is. Usually we find it necessary to keep a pipe of steam running along the north walls nearly all the time during severe weather.

Cutting the flowers is one of the important parts of the daily routine which should demand regular attention; every flower as it becomes ready ought to be cut and marketed. It is poor policy to resort to any pickling these days, whether it is done by allowing the flowers to remain on the plants after they are fit for cutting, or to hold them in water after they are cut until the freshness is gone from them. Another important point is to be particular about the grading, bunching and marketing. If the best of the flowers are worthy of being classed as fancy, take enough pains to select them, keep them by themselves, see that they are put on the market in

good shape, and demand a fair price. The other grades can be sorted and sold according to their quality, but when the fancies are mixed with the average or ordinary grades, it is the ordinary price that is returned for them. Do not allow the flowers to be left laying around the greenhouse after being cut, but see that when a reasonable number is taken off, they are carried to the cut flower room and placed in water. The best place to keep carnation blooms after they are placed in water, is a cool basement where a temperature of 50 degrees can be maintained.

Directly after the holiday crop is taken from the plants, it is a good plan to give the houses a fumigating with the nicotine preparation; even though the green fly or other aphids may not be visible, it is far better to fumigate lightly as a preventive than to wait until the plants are badly infested and have to resort to extreme measures.

C. W. JOHNSON.

Geraniums at Lancaster, Pa.

Lancaster is noted as a center for rooted geranium cuttings, hundreds of thousands being sent out monthly, except during August and September. Albert M. Herr, who used to specialize in carnations, now devotes his houses almost entirely to geraniums for cuttings. The plants are grown in ground beds, where they make a luxuriant growth, providing thousands of cuttings. These beds run from three to five years without change. By care in watering, careful pruning, etc., there appears to be no difficulty to get large quantities of cuttings all the year round. Winter night temperature is about 50°. Late in the summer the surplus is potted into two-inch pots. Cuttings, if the wood is right, root in about three

weeks. Four large houses, each 20x256 feet, are run as one range without division, all being planted to geraniums. He has some 60,000 feet in all. One hundred and fifty thousand cuttings are in the bed at one time in the propagating house, 22x175 feet. But four varieties, Buchner, Poitevine, Nutt and Ricard, are grown, they being the four standard bedding and pot varieties. A house of seedlings and young plants of herbaceous stock was in good shape; this stock is now to be a side line. Unfortunately Mr. Herr was not to be seen to exploit his specialty, being away on a fishing trip.

Peter Brown, whose compact and conveniently arranged place is on Ruby street, has the distinction of being the original rooted geranium cutting man, he being the first to offer them in quantity in this way. His business soon grew to large proportions, the success of which induced others to follow, and now there are quite a number of growers about this city who devote almost their entire places to this branch of the business. The method of procedure is much the same as described at the A. M. Herr houses. The large beds of geraniums looked very fine. All stock now ready was sold and more orders were coming ever day. Pansies are also a specialty at the Brown establishment. About an acre is seeded in beds in prepared soil. They appear to do especially well here. Young plants are sold in large quantities from the ground from September 1 until December 15, most of the stock going to the southern states. They are tied in bundles of 25 and stood straight in crated boxes.

Fred W. Ritchy, also on Ruby street, has large ranges of glass devoted exclusively to geranium cuttings. One hundred thousand rooted cuttings, his present stock, were all ordered, and as



CHRISTMAS BASKETS.

Ardisias and Statice, by J. T. Muir, Chicago.

soon as room was made in the sand beds, more cuttings, keeping the beds constantly filled, will go in. Labor is very scarce and Mr. Ritchy is going to try female help. He has found the black river sand very satisfactory for his propagating beds. He keeps his stock plants well cut back, getting more and better shoots in this way. The plants are stimulated in winter with manure water and blood. He states that advertising in trade papers has been the greatest factor in building up the business, as the growers all over the country are constantly turning to these columns when in need of stock of any kind. He has a large trade in Canana, his first sales there being attributed entirely to his advertising. His varieties are Viaud, Buchner, Poitevine, Doyle, Castellaine and Ricard. He takes cuttings about every four weeks from the same plants. An occasional dusting with lime, he has found very beneficial.

R. S. Nagle, West End avenue, is also in the geranium cutting business, but makes a specialty at this season of chrysanthemums. A summer house with ridge and furrow roof of hot bed sash setup, six feet above the ground, is a novel structure. A few sash on the north side keep off the cold winds. The other sides are open. Very good chrysanthemum blooms are grown here in ground beds. They were subject, however, to grasshoppers and the tarnished bug had also spoiled a number of the buds, yet many fine flowers had been cut here and the stock still coming on looked very good. Inside several large houses some huge exhibition stock was noteworthy; one could almost see the blue ribbons, although the stock were hardly out of the bud state. Sweet peas and mignonette are to follow the chrysanthemums.

Greenhouse Heating.

ED. AMERICAN FLORIST:

We are building a new range of three even-span houses, each 40x240 feet, connected on the north end by boiler room and packing shed. Our old range is piped for 40 degrees, gravity system, the heating surface comprising 8,000 feet, consisting of 3½-inch cast-iron and 2-inch and 3-inch wrought iron pipe. Owing to the high price of material we do not wish to pipe this range under the old gravity system. We have a No. 30-8 Lord & Burnham boiler heating the present range and wish to continue it if we use steam, as it is adapted to either. We use No. 1 buckwheat coal.

Will a horizontal steam boiler be more powerful and economical than cast iron? The boiler room, 20x40 feet, is opposite the center house and has a boiler pit 6 feet 6 inches deep. Owing to the ground grade, the side walls at the south end are about 5 feet; at the north end from 6 to 6½ feet, the slope of the houses being one inch in 10 feet toward the north. We have the west house devoted to cucumbers, working with four 3-inch flow pipes on the columns (1½x1¼) with four 2-inch and one 3-inch return on each side wall. Although this is giving good satisfaction we wish to change during the coming summer to either steam or hot water under pressure, and would like advice on the following points:

We wish to pipe the new range for 55 to 60 degrees. Can we use the 2-



CHRISTMAS BASKETS.

Cocos Weddeliana, Poinsettias, Roman Hyacinths and Whitmani Ferns, Arranged by J. T. Muir, Chicago

inch and 3-inch pipe in remodeling to put in steam, and how much more pipe will be required for hot water under pressure than for steam? How much more care will be required with steam than hot water in attending to the pet-cocks to let the air out?

We find the outside circumference of 3-inch pipe is only twice that of 1½-inch. Does that mean it will only take the place of two 1½-inch pipes in steam heating?

New York.

T. E. R.

The power and economy of a boiler depends upon the area of the grate, and the area and efficiency of the heating surface, rather than upon the materials of which it is constructed. As a rule, the fire surface of a horizontal tubular boiler is greater in proportion to the grate area than that of a cast iron boiler, and to that extent, may be considered more economical.

As a rule, only about one-half as much radiation is required for steam heating as with an open tank hot water system, and while it is possible to reduce the radiating surface with hot water under pressure to the amount required with steam, we prefer to use 25 to 50 per cent more. The care is about the same with steam as with hot water under pressure. While we prefer to use 1½-inch pipe in the steam coils for houses 240 feet long, a few 3-inch pipes might be used with-

out seriously affecting the results. It would be possible to so arrange the piping that it may be used either with hot water, with open or closed tank, or with steam.

The use of the open tank in mild weather would be economical, both in fuel and care, while steam or hot water under pressure could be used in cold weather. Care should be taken to have the number and size of the flow pipes adapted for the open system, and then there should be valves upon about one-fourth of the returns, which would not be required in cold weather when steam is used.

The circumference of a 3-inch pipe is about twice that of a 1½-inch pipe, while that of a 1¼-inch pipe is about 13 per cent smaller than 1½-inch. The heating efficiency of wrought iron pipe is practically in proportion to its circumference.

L. R. T.

TORONTO, ONT.—One of the finest decorations seen in this city this year was that arranged by H. G. Dilleuth on the occasion of the reception to the Duke of Devonshire, the new governor-general, at the Toronto club. Oak sprays, specimen chrysanthemums, palms and other plants, were used in profusion. The tables were decorated with orchids, roses and chrysanthemums.

CHRYSANTHEMUMS

Chrysanthemum Hamburg Late White.

One of the chrysanthemum varieties which under all conditions has proven easy to handle, and from which the average grower can cut nearly 100 per cent of perfect flowers, is Maud Dean and its sport, White Maud Dean. The latter however has

years since we had so little damp, close weather, with fogs, during the time the blooms were developing. The growers did not realize the prices they should for their blooms, owing chiefly to the large amount of California grown stock shipped into the west and central western sections. The price was also kept down by the vast amount of white and yellow stock that was put on the market, many of the retail stores displaying these two col-



CHRYSANTHEMUM HAMBURG LATE WHITE.

one fault, namely, it is not pure white, having more or less of a lavender tinge. Four years ago there was found among the stock of C. T. Guenther, Hamburg, N. Y., a plant which produced a pure white flower. Cuttings were taken from this and the flowers maintained the same pure white color under all weather conditions. The keeping quality is excellent, and being somewhat fuller than the original Maud Dean, the flowers possess a gracefulness that cannot be surpassed. The variety has been grown for the past three years and almost every bud produces a good commercial bloom, and when taken on a late bud, will be in flower during all of December and the early part of January.

The variety, which is shown in the illustration herewith, will be called Hamburg Late White and will be disseminated in the spring of 1917 by the Wm. F. Kasting Co., Buffalo, N. Y., and E. G. Hill Co., Richmond, Ind.

Planning for Another Season.

The chrysanthemum season of 1916 is now drawing to a close. It has been an unusual season in many ways; the terrific heat of the summer was very hard on the plants, in some sections causing considerable loss from red spider. It also prevented the application of fertilizers to any extent; in fact, the growers who were the most cautious in feeding their plants have reaped the best results, the highly fed plants having suffered considerably from hardening of the wood, loss of foliage or damping of the petals.

Though the summer was hard on the plants, the weather during October was ideal for the development of the blooms. The last week of the month and the first week of November was perhaps a little too warm and brought them out in a hurry, but it is many

ors alone, so that a great many people have an idea that white and yellow are the only colors among the chrysanthemums and quickly get tired of them. We now have a number of the lighter bronze, red and some of the deeper pink colors that are desirable in every way and just as reliable to grow as the white and yellow, so that there is not any excuse to flood the market with so much of these two colors. What is true of the large blooms is also so with the pompons. The yellow, white and light pink varieties were in over-supply, but the autumn colors of bronze and red sold well and these facts should be borne in mind when figuring on the stock to grow for another season.

NEW VARIETIES.

There were not a large number of new introductions of 1916, but among them are some that are worthy of being added to the list of standard commercial and exhibition varieties. Among the commercial varieties we note the following:

Josephine Foley—A splendid white, either for commercial or exhibition purposes; a fine, incurved flower, full to the center, wide petals of purest white, a splendid keeper; stem and foliage of the best.

October Queen—Ready to cut about October 15; another splendid white variety, good keeper, easy to grow, stem and foliage ideal; a fine addition to the list of early whites.

Alice Day—Also a fine early white variety for commercial purposes, full double flower, nice grower, with good stem and foliage.

Autocrat—Pure white, ready to cut the early part of November; a fine incurved white, good grower, keeps well; a good commercial or exhibition variety.

Tiger—a fine yellow with close incurved form so much desired for commercial purposes; ready to cut October 20; looks to be one of the best commercial varieties of the season; not any better stem and foliage.

Early Rose—A very early pink variety, worthy of further trial because of its earliness; ready to cut the first week of October; fine stem and foliage.

Miss Elvia Scoville—White sport of Wells' Late Pink; a fine variety; later buds come tinged with pink. Those who are successful with Wells' Late Pink will want this one.

Mrs. M. R. Morgan—Golden sport of Yellow Eaton; different in color and form of flower from its parent. Most of the growers complain of a long neck on this variety, but this can be eliminated by taking a later bud. The color is a very deep golden yellow.

Blush Pattie, or White Pattie, as some growers have it—This is a fine white sport of the variety Pattie. A large percentage of blooms show a tinted pink color, which is not objectionable; a fine commercial variety.

The introductions of 1915 have shown up well this year, among the



POINSETTIAS AT VAUGHAN'S GREENHOUSES, WESTERN SPRINGS, ILL.

most promising for commercial purposes are the following:

Early Frost—An early white variety that is going to be planted in larger numbers next year. It is a splendid keeper, lasting as long as any variety we know of. The writer saw a block or two of this variety that, owing to the variation of the buds, had been doing service both as an early and late variety.

Golden Queen—If this variety was a

grower's attention as a fancy commercial variety.

Ogontz is a light primrose, a fine, fancy variety that is well liked where known; a beautiful flower, petals whorling around, giving it a fine appearance.

Among the exhibition varieties disseminated in 1915, there are several that have come to the front.

Bob. Pulling—A large orange yellow is one of the best.

Mrs. G. G. Mason—A fine red with old gold reverse; a splendid flower of this color.

Dragon Vert—A large crimson with gold reverse; has proved to be one of the best of this color to grow on the benches for commercial purposes. It has fine color, keeps well, and is a good grower.

Wm. Vert is another fine crimson for commercial purposes, at its best about October 20; a variety that sold well this year.

As soon as the crop is off, the stock plants should be taken care of, it being just as important to take good care of the stock plants as it is the plants on the bench or in pots while in full growth. It is a mistake to stick them under the benches until required to produce cuttings in the spring. Oftentimes there are not enough of the plants left to produce cuttings when neglected in this way. Give them a good, light situation, where they will receive plenty of fresh air and a cool temperature all the time. Fifty degrees at night, with a very little increase during the day, is ample for chrysanthemum stock plants. Also, hold them a little to the dry side at the roots.

C. W. JOHNSON.

Bear Fishing.

We are accustomed to marvelous tales of the deeds of fishermen but the latest story is such as the mind of man has not dreamed of heretofore. Two men fishing from a gasoline launch in one of the lakes in northern Michigan caught a great black bear, not a cub, but full grown. The hero of this exploit is one Foley, already famous in the annals of fishermen, not the Foley who made 60 telegraph messages go over the wire which had taken only one before, not the Foley who started the Pennsylvania railroad, but Big Phil Foley, the Chicago greenhouse builder. A big man is needed in the telling of this story to properly demonstrate the bear's proportions, so you must ask Phil about it the next time you see him.



PRIMULA OBCONICA AT THE GEO. WITTBOLD CO.'S, CHICAGO.

better grower during the summer, I would consider it the best of the early yellow sorts, but with us it is hard to handle early in the season, but after the extreme hot weather is over, it picks up and makes a nice growth. It is worthy of careful growing, because of its early season of maturing, which is about October 4.

Marigold—Those who followed the instructions of the introducers of this variety regarding the taking of the bud, were well repaid. When the buds are secured around August 25, this variety is the best of all yellows for cutting for the last week of October; a splendid golden yellow with good stem and foliage.

Tekonsha—A beautiful bronze variety for commercial purposes, fine large bloom of pleasing color, which shows up well under artificial light; good stem and foliage; one of the best 1915 varieties.

Modello—Golden amber, a color rare among chrysanthemums; when well done sells on sight; worthy of thorough trial; a fine variety in every respect.

White Chieftain—Whether it was due to the season or something else, most of the White Chieftain seen this year were well tinged with pink; some growers liked it, while others thought it gave the flower the appearance of being old.

EXHIBITION VARIETIES.

Among the introductions of 1916, we have two sports of very prominent exhibition varieties. One, the Yellow Turner, yellow sport of Wm. Turner, and the other Wm. Rigby, yellow sport of Mrs. Gilbert Drabble. These two sports are both fine and will be heard of more next year than this.

Mrs. J. Gibson is a fine light pink exhibition variety and worthy of the

Calumet—A fine bronze; a little early for exhibition. At its best, around October 20, this variety did well this year for commercial purposes.

Mrs. R. C. Pulling—A fine exhibition yellow of the largest size.

Mrs. J. Purroy Mitchel—Clear snow white; a fine bold flower.

Earl Kitchener—A deep, rose pink with silver reverse to petals; a wonderful grower and a fine keeper.

A. S. Baldwin—A fancy incurved yellow, a grand exhibition variety.



FERNS AND PALMS AT THE GEO. WITTBOLD CO.'S, CHICAGO.

WITH THE GROWERS

Vaughan's Greenhouses, Western Springs.

An inspection of the large range of glass of Vaughan's Greenhouses, admirably located at Western Springs, a suburb of Chicago, is interesting as great preparations have been made to supply holiday plants for the Christmas trade. Several houses of azaleas in various sizes which have carried in good shape are coming along nicely, many showing color and should be gay with bloom in good season. Simon Mardner, white and pink, *Vervaeana* and Mme. Petrick are the leading varieties.

A house of cyclamen, a most useful and popular plant, is in readiness, with blossoms and the wreath of buds that makes it so salable. Another large house is filled with poinsettias in large and small pans and others grown singly. This is the greatest of all Christmas plants and these promise to be at their best for this season. A house of *Begonias La Reine* and *Cincinnati* in medium sizes suitable for making up in baskets with other plants looked very useful.

Crotons are a feature, several houses of these in from three and four-inch pots and larger are very well colored stock, fine for basket work. *Dracenas Sanderii*, *terminalis* and *Godseffiana*, in addition to a large assortment of ferns in all the popular varieties, are invaluable for adding variety to the plant baskets.

A house of solanums presented a very Christmassy appearance. *Primula obconica* was also seen in selected strains—a house of well-flowered plants.

Ferns in the larger sizes are especially popular at the holidays; they are "gifts that will grow." A large range of six houses is filled with *Scottii* and *Boston* in medium sizes with quantities being finished on stands raised above others. The smaller of these stands consists of a 12-inch drain pipe set on top of a six-inch pot, the larger size being a four-inch sewer pipe, 18-inches in height. These make useful and indestructible stands.

Large quantities of stock in great variety are grown here for catalogue sales and shipped to every part of the United States. *Cannas* are a feature in an immense storage house being filled with the roots. A house of the new and scarce varieties is being grown for propagating purposes.

Herbaceous plants are grown in quantity, several cold houses being filled with plants in pots for early delivery. Acres of frames outside hold stock of this character for spring sales. A cold storage cellar under the commodious packing shed, and conveniently arranged, is filled with roses, shrubbery and other dormant stock for early shipping.

George Wittbold Co., Chicago.

This is a growing establishment in every sense of the word, located at Edgewood, 15 miles from Chicago. They have an extensive range of houses built together with a large corridor shed into which all the houses open. These are all 27 feet wide by 400 feet in length, with 14 feet to the ridge pole. They have, altogether, about 165,

000 feet of glass, but more is going up, one house, 27x300 feet, now nearly completed, and two, 20x400 feet, which will probably be finished in time for use in the spring.

Christmas plants—azaleas, poinsettias, *Primula obconica* and cyclamens, were seen in quantity. The cyclamens presented a splendid, strong growth in well colored leaves, each plant showing a wealth of flowers and buds; over 35,000 of these had been sold in the early fall. The primulas were a selected, large flowered strain, grown from seed of their own saving. The feature here is the intensive cultivation or double use of space through most of the houses.

Palms and ferns are grown in large quantities. Most growers are satisfied with a good filling of the table space, and at times a border along the floor or on a shelf over head. The practice here is to use double deck tables; in some cases the bottom bench is on the level of the floor, or the earth it-



Cyclamen in 6-in Pot at J. A. Peterson & Sons, Cincinnati, O.

self, over which, about four feet in height, is the elevated table. In this case, the lower space is filled with palms and the upper with ferns, both of which crops appear to do equally well. A double decked cement table lower section, 12 inches high, the upper three to four feet higher, will hold seedling palms below and larger stocks or ferns above. In some cases, the upper bench consists of one-inch iron pipe, laid crossways, which supports 5-inch cement slabs six inches apart, running the length of the table. These when filled still admit quite a lot of light to the plants beneath. Four-inch zinc strips, with edges turned up, are also used in the same way as the slabs. On these are placed ferns.

Over all the walks in these palm houses is a raised pipe platform with strips of cement the full length, on which is coming along a crop of some kind, such as palms or ferns. In addition to this two or three rows of wire hanging-baskets, suspended from the roof, filled with *Sprengeri*, etc., are taking advantage of this light, airy space and making the most of it.

Some plants are done here on a large scale. Four hundred thousand *Kentias Belmoreana* and *Forsteriana*, from seedlings to two-inch pots, were com-

ing on; many tables of four and also six-inch were seen. Even this latter size is considered all right for the lower spaces. Good sized seedling blocks of *Areca lutescens* and *latanias* were also in evidence. Two hundred thousand two-inch *Bostons* in their various kinds filled several large benches. *Dracena indivisa* is another quantity plant grown from seed, an immense number being used for filling vases and baskets.

Stock is grown here by contract; one order of 4,000 12-inch wire baskets, is for spring delivery. Each basket contains three *Sprengeri*, three *Trailing Queen coleus*, one *Dracena indivisa* or a *Boston fern*. These are all grown suspended from the roofs of the fern and palm houses. Forty thousand four-inch geraniums is another order, all going to the same party to be sold at retail. Bulbs are also largely handled for similar sales; 300,000 Dutch hyacinths, 100,000 daffodils, and the same quantity of tulips, all grown in from three, three and one-half and a few in four-inch pots, are now planted and plunged outside and covered with manure and straw. They are planted as late as possible and covered just deep enough to prevent too severe freezing, as too much covering is apt to make them leggy in the spring. When lifted, each has to have a stake. To handle this stock would give some men a nightmare, but it is a business here and moves without friction. Forty thousand *Easter lilies*, coming on for *Easter*, would also add worries for the timid ones.

Six large houses are filled with roses—*Milady*, the three *Killarneys*, *Ophelia*, *Russell* and *Mrs. Ward*. *Milady* is their star red. This rose must not be pinched, as only short stemmed buds will result. Black spot came easily with *Russell* on account of its persistent hybrid blood. Syringing when the bed was dry, is considered bad for black spot.

Over 50 hands are employed with additional help at busy seasons. When one considers the great amount of stock coming along here, it is all in very good condition. A noteworthy plant is *Ficus nidita*; the leaf is small like that of an orange and the habits of the plant similar. It is said to be an admirable window box plant.

Wm. Schuett, the foreman, appears quite equal to the job and handles the wide range of stock grown here in a masterly manner.

J. A. Peterson & Sons, Cincinnati, O.

Begonia Glory of *Cincinnati* placed this famous Ohio river city on the map horticulturally; incidentally, it also boosted the fame of Julius A. Peterson, one of the master gardeners of the country, whose skill in producing high grade plants won him first honors at all the important horticultural exhibitions of the past decade. In seeking to improve the winter flowering begonias, he produced not only the above named valuable variety, but also *Melior*, which in several important respects, is superior, being of more compact growth, with a greater abundance of bloom; also, a bronze leaved variety, with flowers of a deep cerise pink, which he named in honor of his wife, Mrs. J. A. Peterson. Both of these newer sorts have had unusual sale this season. As seen here, they are splendidly flowered, very well colored, making ideal Christmas plants.

The cyclamen is another specialty of this skilled grower. Others have had success with this great holiday plant, but nowhere is it done better than here. This season's stock filled six large houses, grown in from five to eight-inch pots. Such plants in their general excellence, it has never been my good fortune to see before. In the blocks of six-inch pots, just as they ran, most carried 10 to 12 flowers, while many were seen with from 15 to

Preparations for next season's Christmas stock are going on; 50,000 leaf begonia cuttings in the sand beds of two propagating houses, are for the most part rooted; these will soon be potted up and the space filled with another batch, most of which are sold as young plants to be grown on. Thirty thousand cyclamen plants, seedlings in flats, will soon be transplanted and given more room in other flats and from there to 2½-inch pots

covered well with newspapers. Each plant, which has been wrapped with four ply of newspaper wound several times around and tied well at the top, is then packed with excelsior in the prepared box, which, when snugly placed, just holds the desired quantity. Excelsior is then placed on top, more thicknesses of newspaper, the ends of the lining sheets turned in, and a large sheet of the felt, with the edges tucked in, covers the top. The upper ends of the outside felt are now folded over and the whole paper casing tied down and around the sides with twine. The lid is now nailed on, tagged and addressed, packed as completely as in Mr. Peterson's experience is possible.

One each tag or label is a prominent sticker, which reads, "If shipments should be frozen or damaged, notify express company at once—they are responsible."

The firm of J. A. Peterson & Sons comprises Mr. Peterson and his three sons, Roger, Clarence and Jens, who have taken hold in a thorough and intelligent way that promises well for the future. An important factor is Mrs. J. A. Peterson, who has charge of the accounting and correspondence, her good judgment and counsel, having been, Mr. Peterson said, of the greatest assistance since the business was founded in 1891.

C. E. Critchell, Cincinnati, O.

One of the best fitted up of the wholesale supply houses in this city is that of C. E. Critchell at 15 East Third street. The store room is about 30 feet in width, by 80 in depth. A wide gallery on one side and across the rear, permitted by the high ceiling, is a most convenient addition. This is filled with wire designs and all kinds of supplies, of which a complete line is carried. All the latest in plant and cut flower baskets, ribbons, chiffons, artificial flowers, immortelles, chenille, ruscus, Minerva grass and other Christmas material is handled in quantity. Prepared oak and magnolia leaves are a specialty. This is headquarters for all kinds of southern greens, such as smilax, leucothoe, galax, fern leaves, and boxwood, of which latter carload lots have been handled for the Christmas trade. The basement, as large as the store, affords room for boxes, moss and many other bulky articles



CYCLAMENS IN 8-INCH POTS AT J. A. PETERSON & SONS', CINCINNATI, O.

18, and lots of buds coming. The spread of foliage was from 12 to 15 inches. The five-inch were relatively as fine, while the largest size, in eights, were sensational in their wealth of flowers and well marked foliage. The strain is Mr. Peterson's own selection, the best of his plants in all colors being set aside for seed each season. The quality of this stock is so well known that it was all sold before December 10 and thousands of dollars worth of orders had to be turned down.

There are other plants grown especially for the retail trade that are produced here with marked success. *Adiantum Farleyense* is not an easy plant to grow by any means, but here it stands, all in four-inch pots, as perfect specimens as one could wish for; it is not grown larger at this time for want of room. *Pandanus Veitchii*, another specialty, is also seen in smaller sizes for next fall delivery. *Asplenium nidus avis*, the bird's nest fern, is another success. Many good plantmen have had only moderate success with this novelty fern, if not indeed positive failure, but the houses filled with it here only call forth praise for its great vigor and the beauty of its lustrous, leathery-like fronds. There is not a dark spot or imperfection of any kind to be seen on these plants. Scarcely a vestige of this grand stock will be visible on January 1, at which time the vacant tables will be occupied by hydrangeas of the newer French varieties, which are now outside in frames. Easter lilies, giganteums, now being "ripened" in cold storage, will be potted up. A house will be filled with rambler roses in variety. Azaleas, in a cool sash covered pit, between two other houses, will, with all the other blooming plants, be brought on in good time for Easter.

and so on up to the finished, salable sizes. The blocks of stock set aside for seed are a wonderful sight in their great clouds of blossoms, some plants containing over 50 flowers. Spaces along the sides of houses are utilized with a foot wide shelf, on which cyclamens are grown on, but always half plunged in hops, so that they shall not dry out.

Packing is done scientifically; large quantities of boxes are crated and made ready. These, as packed, are first lined inside the crating with a continuous sheet of heavy felt paper, 36 inches wide, then four more sheets of newspaper line this on the inside with foldings over the outside to hold them up. Six inches of excelsior is then placed on the bottom of the box and



We are local members and will see that you receive the best of service.

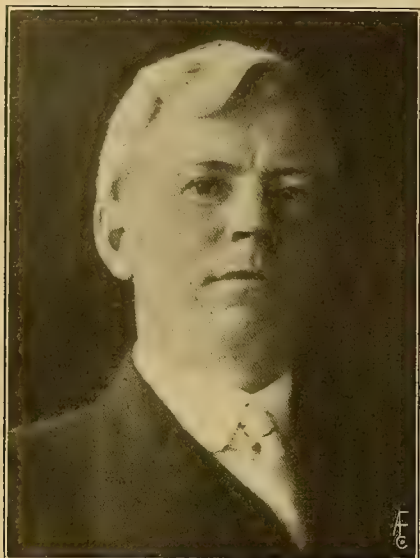
GUARANTEED FLORAL SERVICE

Flowers and floral greetings to your friends and relatives delivered anywhere in the United States or Canada on very short notice, by telegraph, mail or long distance. Best Service Guaranteed by entire membership of the Florists' Telegraph Delivery Association

For Better and More Efficient Floral Service to the Public as well as from Florist to Florist

FLORISTS' TELEGRAPH DELIVERY'S NEW SHOW CARD. SIZE 14x22 INCHES.

OFFICERS-ELECT CHICAGO FLORISTS' CLUB.



W. H. Amling, President.



Paul Klingsporn, Vice-President.



Otto H. Amling, Treasurer.

that form an important part of the stock.

A large ice cooled room, or refrigerator, on the first floor, affords ample storage room for cut flowers, which is the principle feature of the business. American Beauties and other choice flowers are received from eastern growers, while high grade tea roses, carnations, violets, lily of the valley, and a general line, the product of the best growers within shipping distance of the city, is received daily. Mr. Critchell is a pushing, energetic man, one of the live wires of the middle west, with energy plus. He has been well grounded in the rudiments of the business and keeps in constant touch with very detail. A well organized force is on hand ready for any emergency.

Chicago Florists' Club.

The regular meeting of the Chicago Florists' Club was held at the Hotel Morrison, December 7, President Henderson in the chair. The principal business of the meeting was the election of officers for 1917, which resulted as follows: W. H. Amling, president; Paul Klingsporn, vice-president; Allie Zech, secretary; Otto H. Amling, treasurer, and W. J. Keimel trustee, the last named taking the place of George Asmus, whose term expires this year. The holdover trustees are C. L. Washburn and H. N. Bruns.

Chas. T. Johnson and John Torchiana were elected to membership and W. J. Baumer, Berwyn, Ill., and Thos. Heaven, Benton Harbor, Mich., were nominated for membership. A letter was read from R. E. Schiller asking for the support of the club in enforcing the law with regard to the numbering of alley entrances to residences in order to facilitate deliveries and the movement was endorsed by the club.

The exhibits included a fine vase of Mrs. Chas. Russell roses from French & Salm, Union Grove, Wis., which scored 92 points and was awarded the club certificate. Baur & Steinkamp, of Indianapolis, Ind., exhibited Merry Christmas and Pollyanna carnations, both in fine form. As these varieties had already been scored by the club no action was taken upon them by the judges of exhibits. J. E. Matthewson, of Sheboygan, Wis., exhibited fine specimen begonias.

A. F. J. Baur, of Indianapolis, secretary of the American Carnation So-



W. J. Keimel, Director.



Allie Zech, Secretary.

ciety, addressed the meeting and urged the members to attend the coming convention and exhibition of that society, to be held in that city January 31-February 2, with exhibits of carnations and such other stock as they may consider worthy. Other visitors in attendance included C. J. Watson, representing the Leo Niessen Co., Philadelphia, Pa., and Thos. Heaven of Benton Harbor, Mich., who also addressed the meeting.

Ed. Hunt rendered several solos, which were greatly appreciated.

PRESIDENT-ELECT AMLING.

W. H. Amling, president-elect of the Chicago Florists' Club, was born at Maywood, Ill., August 3, 1866, in which village he received his early education and later attended the normal school at Addison, Ill., after which he taught school at Defiance, O., Manitowoc, Wis., and for the greater length of time at Milwaukee. When 40 years of age he gave up teaching and entered the florist business, having purchased a small place at Maywood, at that time owned by Wm. Collatz, directly opposite the A. F. Amling range. Here he began the growing of carnations, and his efforts were crowned with success from the start. The varieties grown at that time were Genevieve Lord and Boston market, but as the business prospered, the capacity of the establishment was increased until it now embraces two ranges with over 75,000 square feet of glass, and roses, carnations, chrysanthemums, freesias and, most important of all, sweet peas of exceptional quality were added to the products of the establishment, all of which are readily disposed of in the wholesale market.

Mr. Amling, who has always been a most enthusiastic member of the Chicago Florists' Club, and is also a member of the Society of the American Florists, has three sons, Walter, Herbert and Martin, all of whom are members of the florists' club, and are actively identified with the growing end of their father's business.

MALDEN, MASS.—W. S. Spring has opened an attractive flower shop in the Auditorium building.

BROCKTON, MASS.—George Bird, for many years a well-known florist here, died November 6, following an operation for appendicitis. He was 67 years of age.

OFFICERS-ELECT NEW YORK FLORISTS' CLUB.



G. E. M. Stumpp, President.



John Young, Secretary.



J. H. Fiesser, Vice-President.

New York Florists' Club.

At the meeting of the above organization, held in its rooms in the Grand Opera House building, December 11, the principal business was the election of officers, interest being largely centered on the presidency. The result was as follows: G. E. M. Stumpp, president; J. H. Fiesser, vice-president; John Young, secretary; Wm. C. Rickards, treasurer. Trustees to serve two years: Roman J. Irwin, John Canning and Alfred Kottmiller.

For the office of president, Henry Weston, present incumbent; F. R. Pierson and Thomas B. DeForest, all of whom were nominated, declined to stand for election, which left a straight contest between G. E. M. Stumpp and Charles Schenck. The number of votes cast was 182, of which Stumpp received 98 and Schenck 84. We believe that the size of the vote cast for Stumpp was a surprise, even to his strongest supporters.

Both Max Schling and W. G. Badgley, who had been nominated for the vice-presidency, declined to run, the contest being between J. H. Fiesser and P. W. Popp, superintendent of a private estate. The vote was Fiesser, 85; Popp, 83. As Popp has been a member of the club less than a year, his vote was certainly very complimentary. J. Harrison Dick and M. C. Ebel declined to run for secretary and John Young was re-elected without opposition. James McHutchison and Wallace R. Pierson declined to run for treasurer and C. Madsen and Victor Dorval declined to run for trustees. W. C. Rickards had no opposition for re-election. The usual motions "to make it unanimous," were made by the defeated candidates. All the officers-elect, but John Canning, trustee, who had left for home, made appropriate remarks.

Aside from John Young and Wm. C. Rickards, who seem to have made themselves so useful that we cannot do without them, it may be pointed out that all the officers-elect are young and active men. J. H. Fiesser, is, we believe, the oldest, and he is only 48, and as spry as he ever was. We believe that the new administration will be a successful one.

Charles L. Tricker, Arlington, N. J., and Henry H. Dreyer, Beechurst, L. I., N. Y., were elected members. Marshall Clarke of David Clarke's Sons, New York; Carl C. Reck, L. A. Dupuy and A. Van Praag were proposed for membership.



Roman J. Irwin, Director.



W. C. Rickards, Treasurer.

There were a number of meritorious exhibits. A. N. Pierson, Inc., Cromwell, Conn., showed the following carnations: Nancy, Enchantress shade of pink; Nebraska, light red; Arawanna, crimson. Badgley & Bishop, Inc., 34 West 28th street, exhibited yellow seedling rose, Little Gem, and yellow seedling rose, No. 108, grown by Edward Towill, Roslyn, Pa. George T. Schuneman Co., Rockville Centre, L. I., exhibited sweet peas. A large and late white chrysanthemum called Hamburg Late White, which will be disseminated by the W. F. Kasting Co., of Buffalo, N. Y., and the E. G. Hill Co., of Richmond, Ind., was exhibited. Chas. W. Tricker, Arlington, N. J., exhibited winter flowering begonias. Alfred Demousey, Flatbush, Brooklyn, N. Y., staged a sport of the Enchantress carnation. Jas. Foster, Norton Hill, Stamford, Conn., exhibited a yellow seedling chrysanthemum (single).

Chairman Hildenbrand of the house committee, and his assistants, served refreshments. Relating to the spring show, Secretary Young wishes to report that 58 exhibitors have reserved over \$12,000 worth of space. Under the direction of Chairman T. A. Havemeyer the many new features and attractions of the official souvenir programme and "guide to the show" are being rapidly "whipped into shape"; these changes and improvements have made the programme much more attractive to the advertiser and to date orders for space have been received from 55 leading establishments, for an amount of almost \$2,000. And the work in this direction has hardly been begun. Requests for schedules are being received daily, showing an active interest being taken by those who intend to exhibit in the competitive sections.

PRESIDENT-ELECT STUMPP.

George E. M. Stumpp was born in New York City in 1881, the son of George M. and Mrs. Stumpp. His mother is now dead. His father, who for many years was one of the leading florists of the city, retired from business about two years ago. George E. M. received his early education in his native city, later spending two years in Germany with an uncle who was a florist. During his stay in Germany, he spent much of his time mastering the details of his uncle's business, also attending a school, where instructions in horticulture were given. After returning home, being of an

adventurous turn of mind, he spent three years in traveling throughout the United States, visiting all the leading cities and working in many leading florist establishments. He eventually returned to New York and joined his father's staff. When his father, as has been noted, retired, he took over the business, located at Fifth avenue and 58th street, New York, and has since continued it with increasing success. He is a natural genius with a wonderful capacity for detail. Many of the artistic and mechanical features of his large store are the work of his own hands. He has a keen sense of humor and can appreciate a joke. He is a member and director of the Horticultural Society of New York; a member and director of the Florists' Telegraph Delivery; a life member of the Society of American Florists and a member of the Retail Florists' Association of New York. He is happily married.

A. F. F.

White Medal Award.

The trustees of the Massachusetts Horticultural Society have awarded the George Robert White medal of honor for the year 1916, to William Robinson of Gravetye Manor, Sussex, England. This is the eighth award of this medal made by the society in recognition of eminent service in the advancement of horticulture. Previous awards have been made to Prof. C. S. Sargent of the Arnold Arboretum; Jackson T. Dawson, Victor Lemoine of Nancy, France; Michael H. Walsh, the rose specialist of Woods Hole, Mass.; park commission of the city of Rochester, N. Y.; Sir Harry J. Veitch of London, Eng., and Ernest H. Wilson.

William Robinson, to whom the medal is now awarded, has done much, especially through his writing in horticultural literature, as an exponent of the natural style of flower gardening as opposed to the formal carpet bedding and ribbon borders of former years. He founded the journals, *Gardening Illustrated*, and *Flora and Sylva*, and is the author of numerous volumes treating of many subjects of horticultural interest.

WM. P. RICH, Sec'y.

Minnesota State Florists' Association.

A very successful flower show under the auspices of the Minnesota State Florists' Association and the Minnesota State Horticultural Society was held in the West Hotel, Minneapolis, Minn., December 6-9, the arrangement of the displays being most excellent and the quality of the stock shown all that could be desired, the only drawback being due to the fact that quantity was lacking due to a shortage of supply following the Thanksgiving rush.

The display of Swanson, Florist, 619 Nicollet avenue, attracted much attention and he captured first honors for palms, ferns, basket arrangement, Russell roses and blooming plants.

J. A. Weber was awarded first prize for a fine showing of Dolly Dimple chrysanthemums, while John A. Sten also took first honors for a fine vase of pink, Andrew Herzog capturing the second prize for the same color.

In the class for ferns and blooming plants, the Merriam Park Floral Co. staged an excellent display which was given second place.

N. Neilson, of Mankato, made a fine display of roses, and was easily first for his white and red varieties.

W. H. BOFFERDING, Sec'y.

National Association of Gardeners.

The annual convention of the National Association of Gardeners was held in Washington, D. C., December 5-6, with headquarters at the New Ebbitt House. The first business session was called to order at nine o'clock Tuesday morning, by William F. Gude, Washington representative of the S. A. F. and ex-president of the Washington Chamber of Commerce, who acted as temporary chairman. Mr. Gude welcomed the visitors to the nation's capital and assured his audience that it was not simply his own home but the home of every American citizen and therefore all must be truly "at home." Referring to the fact that he and his brother, although not professing to have as much or as varied scientific knowledge of flowers and plants as a gardener, were still trying in a humble way to grow flowers commercially of a standard of the very highest possible, he stated that he understood the gardeners' meeting to be for the interchange of ideas, for the uplift of horticulture in general. He then detailed the entertainment that the Washington hosts expected to give the visitors. Mr. Gude spoke as representing the Washington Chamber of Commerce and the florists generally of the city. His remarks were enthusiastically received. He then introduced President William N. Craig, who extended the thanks of the association to Mr. Gude, who he characterized as "the silver-tongued orator of the capital city."

PRESIDENT CRAIG'S ADDRESS.

I am very glad that we have an opportunity to meet in the city of Washington, a city dear to the heart of every true American. Entirely apart from what we will find here of horticultural interest, there is so much that appeals to the eye, that I presume most of you would, like myself, prefer to make our business session as short as circumstances will permit, in order that we may have more time to enjoy the architectural and other features of interest so abundantly spread before us. Having these things in mind, I will not weary you with any tedious remarks.

Since our convention in Boston a year ago, which proved to be quite a successful one, in spite of the fact that we were meeting on ground largely untilld, so far as our association was concerned, progress has been steady and satisfactory; and while the addition of new members has hardly reached my expectations, all things considered, we have done very well, and I anticipate a healthy growth during the coming year, for the better we become known, the more additions we will make to our ranks. We are still a young society and have a big field ahead of us. I trust members will individually do what they can to bring in additions to our ranks; it is a simple matter to carry one or two of our small application blanks in your pocket, and just as easy to hand them to the right parties when suitable opportunities present themselves.

It is very gratifying to know that our membership grows more truly national each year. At one time we were looked upon as a purely New York society; that time has passed and members are now being added from all parts of our country; in fact, of late the west, thanks to energetic work done by our vice-president, Theodore Wirth, and one of our directors, Thomas W. Head, has been adding more members than the east, and with our next convention in the west, we are bound to add many more members in that section. Our membership being truly national in character, we

should spare no pains to preserve it as such. As our conventions are held only annually, there must naturally be long lapses between the visits to the various centers, and I think some plan might be evolved for the holding of occasional gatherings of members of the association in the various centers of horticultural activity. A local secretary might be selected in each of the sections where we are the strongest, who would call quarterly or semi-annual meetings of the local members, and where matters pertaining to the welfare of the association could be discussed, short reports of each being sent to the official organ. These local secretaries could perhaps collect dues as well as enroll new members, and in this way relieve our hard-worked secretary in some small measure. These meetings need not in any way conflict with the activities of the local clubs and horticultural societies.

We have during the present year been furnishing practical papers for discussion among the 35 or more local societies co-operating with us. We would be glad to know from members how far these papers have filled local wants. If they have proven helpful, we should continue them, and in that case we must ask your aid in helping to furnish the necessary quota of practical papers to carry the work along for another year. Every latitude would be given in the preparation of such papers, and if we need them, I hope you will assist us in securing the necessary number.

The service bureau of the association as it becomes better known is being more largely patronized. We cannot, unfortunately, secure positions for all applicants, but our good secretary has placed a good number and would gladly have helped every one had it been in his power to do so. While there is no charge for this, we need a special fund to work more effectively, and I want to say that if those whom the bureau has benefited would each make a small contribution, it would materially aid us. All are not unappreciative; one good member not long ago donated \$50 for services rendered. Is it too much to hope that others will contribute for similar reasons to this fund?

Our annual dues are small, and seem particularly so when our monthly organ is included. I want to recommend our magazine to all members of the association. It is one of the strong links which helps to bind us together. Our secretary, hard worked as he is, and with physical disabilities to handicap him, has labored steadfastly to make our organ helpful and attractive, and has succeeded very well. What he needs, however, and would I am sure appreciate, is a little more aid from our members in the way of short practical articles, reports of gardens visited, and other matters of interest. We may not all have literary ability, but surely there are a goodly number, especially among our younger men, who could help to make our magazine more valuable.

In conclusion, I am sorry that I have not been able to accomplish more for the interest of the National Association of Gardeners during my tenure of office, but I have done my best to work up an interest in it in New England, and I pledge my unstinted support to my successor, and will continue to give the association all possible publicity. I ask the co-operation of every member in making 1917 our most successful year, and the National Association of Gardeners one worthy of our noble profession, and one which will command the respect of both gardeners and their employers.



WHITE MEDAL OF HONOR.

TUESDAY'S PROGRAMME.

The minutes of the last annual convention held at Boston, Mass., were read and on motion duly approved.

Mr. Gude at this time announced that he had made arrangements that the convention visitors go by boat to Mt. Vernon, Washington's home, on Wednesday as the guests of the Mt. Vernon authorities, also that he had secured a pass for each attendant on the convention to the Senate and House of Representative galleries, signed by the vice-president and speaker of the house. On motion it was ordered that the officers of the association procure and have placed on the tomb of George Washington, at Mt. Vernon, a suitable floral offering commemorative of the association's visit.

Secretary Ebel read and moved the adoption of the following resolutions, proposed by L. P. Jensen, of St. Louis, Mo.:

Whereas, The United States has recently concluded a treaty with Canada for the protection of migratory wild birds, and

Whereas, It will be necessary to enact further legislation by congress to give effect to the terms of the treaty and to appropriate funds to carry out its provisions, and

Whereas, We, the members of the National Association of Gardeners, are strongly in favor of the protection of wild birds as provided in said treaty, therefore be it

Resolved: That we strongly urge our representatives and senators in congress to vigorously support any measure proposed to carry out the provisions of such treaty, and to support the necessary appropriations for the department of agriculture, so that the department can enforce same.

The resolution was adopted by unanimous vote.

Secretary Ebel referred to the necessity for suitable representation at the national capital in case any legislation came up affecting ornamental horticulture or anything pertaining to the interest of the gardener and suggested

that George W. Hess, superintendent of the national botanic gardens, and a director of the association, would prove a most capable representative. On motion of Secretary Ebel, Mr. Hess was unanimously elected Washington representative of the National Association of Gardeners and it was generally acknowledged that no better selection could have been made.

CHICAGO MEETING PLACE IN 1917.

Thomas W. Head, superintendent of the J. Ogden Armour estate, Lake Forest, Ill., next made a strong plea for the holding of the convention in Chicago next year. Mr. Head gave full credit to the east for the work done in organizing the association, but declared that the west had now become interested in its affairs and that he knew of no better way of extending the usefulness of the association than by coming west next year with the convention. He stated that his own employer, Mr. Armour, had expressed to him the warmest interest in the matter of securing the meeting for 1917 in Chicago and had personally offered to interest himself in aid of the convention if held there. Mr. Head spoke of the great opportunities that are opening up in the west for the younger men in the profession and that the older western gardeners are ready to extend a helping hand to them. Favorable action on his invitation to come to Chicago, he said, would not only be appreciated by himself personally, but by Mr. Armour as well. Mr. Head's remarks were loudly applauded and on motion the executive committee's previous decision to hold the convention in Chicago in 1917 was endorsed. J. Barnett, of Sewickley, Pa., announced that Pittsburgh would be a candidate for the 1918 convention.

On a motion made by William Kleinheinz it was unanimously voted to elect William F. Gude an honorary member of the association in appreciation of the many courtesies extended the visiting gardeners to Washington through his efforts.

To enable the convention party to make an automobile tour of the inter-

esting points about Washington at eleven o'clock as was planned by the local hosts, it was voted to suspend the regular order of business until the evening session so as to permit Dr. F. L. Mulford, of the United States department of agriculture, to address the morning meeting before its adjournment. Dr. Mulford spoke of the experimental work which is being conducted at the Arlington experimental farm and referred to some of the experiments with hardy chrysanthemums to improve them so as to give a greater variety that may be successfully grown in more northern sections. He also spoke of the rose test garden, conducted in co-operation with the American Rose Society, where some 700 varieties of roses are now growing and of the large collection of peonies that have been gathered through co-operation with the American Peony Society. Dr. Mulford stated that the department of agriculture also sought the co-operation of the gardeners as they could be of great assistance to it as the department wants specific information from different sections of the country at times that would be of greatest use in its researches.

Following the address by Dr. Mulford, the session adjourned to meet again at eight o'clock in the evening, and the visitors entered the waiting automobiles, in which they were conveyed through Potomac park, around the Lincoln memorial, and across the river to Arlington cemetery and to the old Lee mansion, which is of much historic interest. The Arlington farm of the department of agriculture was next visited, where the various matters referred to by Dr. Mulford at the morning session were pointed out. Fort Meyer was then visited and on back through Georgetown and out to the bureau of standards, where a highly interesting demonstration of liquid air was witnessed, which proved most entertaining to all. The automobile party then proceeded to Rock Creek park and to the National Soldier's home, returning to the hotel at three o'clock where they became luncheon guests of William F. Gude. At the

conclusion of the luncheon, the party re-entered the automobiles and visited some of the large commercial growing establishments near Washington, returning to headquarters at dusk.

TUESDAY EVENING SESSION.

The evening session was called to order by William Kleinheinz, who occupied the chair in the absence of President Craig, who was recalled to Massachusetts in the afternoon. The secretary's report, showing an increase in the membership of nearly three hundred and the suspension of one hundred and thirty-two delinquent members for non-payment of dues, was read and approved. The treasurer's report, showing a balance in bank of \$2,094, was well received. Reports were submitted by the national co-operative committee, William N. Craig, chairman; committee on meritorious exhibits, William Kleinheinz, chairman; committee on bird protection and propagation, L. P. Jensen, chairman, all indicating activity within the association and containing many recommendations, some of which were adopted.

The election of officers was next in order, which resulted as follows: Thomas W. Head, president, Lake Forest, Ill.; Theodore Wirth, vice-president, Minneapolis, Minn.; M. C. Ebel, secretary, Madison, N. J.; James Stuart, treasurer, Mamaroneck, N. Y. Trustees for the year 1917: William Kleinheinz, John F. Huss, William Turner, William Duckham, Peter Duff. Following the election of officers a general discussion occurred on the adoption of a button for the association. It was voted to defer action until a future time. The printing of the proceedings of the annual meeting, yearly reports of committees, etc., in special pamphlet form was moved, but owing to the present high cost of publication, it was decided to defer action on it.

The lack of interest in the essay contests, which necessitated postponing both the 1915 and 1916 contest, was discussed at length and it was suggested that if future contests were conducted on similar lines to those of the Royal Horticultural Society of England, interest in them would be increased. The matter was referred to the committee on essays and horticultural instruction.

Dr. F. L. Mulford again addressed the evening session with an entertaining account of the work of the department of plant industry and extended an invitation to the members to visit the various departments and greenhouses of the department of agriculture. The invitation was accepted with thanks.

Following the appointment of Thomas W. Head, John W. Everitt and Anton Bauer, a committee on final resolutions, the meeting adjourned.

WEDNESDAY'S PROGRAM.

On Wednesday morning the convention party visited the United States botanic gardens, where they were received by George W. Hess, superintendent, and escorted through the grounds and conservatories. After the inspection of the botanic garden the party proceeded to the dock of the Mt. Vernon Steamboat Company and boarded a steamer for Mt. Vernon. Arriving at Mt. Vernon, the wreath was placed on Washington's tomb with a few fitting remarks by Ex-President Kleinheinz, who officiated in the absence of President Craig. The home of Washington was next visited, where the party was photographed, and after an inspection of the grounds, the steamer was boarded for the return trip to Washington. Arriving at Washington, the capitol was visited and the senate, the house of representatives and the United States supreme

court were each in turn seen in session. Following a visit to the congressional library, the party proceeded to the department of agriculture, where an inspection of the greenhouses and other departments proved of much interest.

The general interest in the business sessions, the cordial hospitality of William F. Gude, George W. Hess, and their colleagues among the florists and other business men of Washington, together with the ideal weather, made the 1916 convention of the National Association of Gardeners a pronounced success.

Boston.

GOOD SALES AT HIGH PRICES.

Business during the past week has been very good. Prices on all lines of stock have been at a high figure, and flowers are by no means scarce, but the business each day consumes the supply and very little is left over from day to day. Roses have been going at good prices; the average seems to be from two cents to 16 cents, but an average of around four cents for the daily cut, which is being realized, is very good. Carnations are rather scarce as a whole, although some growers are in heavy crop; \$4 per 100 is the average price, although fancy varieties bring more. Chrysanthemums have passed their season and are scarce, selling at good prices. Bonnaffon and White Bonnaffon are the leading varieties. There is a good demand for pompons, but there are but few growers fortunate enough to have them. Paper White narcissus is seen in small quantities and finds a good market. Stevia also is going well at satisfactory price. Yellow marguerites are scarce and sell well at from \$1 to \$4 per 100. Greens is the only line of stock for which the demand has not increased to such a marked degree, as stevia is used to a great extent in their place. The florist supply houses report exceptionally brisk trade on Christmas goods. From the general aspect of the business, market and greenhouse conditions of crops, it may be assumed that for the next three or four months there will be a good market for flowers.

NOTES.

J. A. Nelson of Framingham starts on December 18 for Florida, where he will remain for a three-months' visit. His carnations are of very high quality at present and he is cutting a large amount of blooms. One of the features of his place is the sweet peas, which he trains up the pipe posts in his carnation house. They are among the best seen in the city.

P. Welch is receiving a fine assortment of cut flowers. His American Beauties are exceptionally fine. All of his stock seems to be in prime condition. His supply of lily of the valley, which has been so regular throughout the season, has gained him the reputation of being headquarters for this scarce article.

John Barr, of South Natick, is cutting a heavy crop of exceptionally fine carnations at present. He shipped about 12,000 blooms during the past week. His Pink Delight, Ward, Good Cheer and Matchless are especially worthy of note. He also has Nancy, which is looking very fine.

The Worcester Conservatories, which are conducted by L. A. Midgely, have 6,000 feet of glass devoted to Christmas White chrysanthemums, which will be just right for the holiday trade.

R. P. Peterson, of Saxonville, has a very fine strain of wallflowers from which he is making regular shipments. His snapdragons are looking well and he soon will be cutting a good crop.

A. Walsh, Wm. McAlpin and J. Gehren have been in New Hampshire deer hunting for a few days. At the present writing no report of their luck is at hand.

Alexander Porter, of Woburn, has started cutting on a house of Bonnaffon and expects to have a good crop for Christmas.

F. L. W.

Cincinnati.

SUPPLY BUSINESS GOOD.

Business in Christmas decorative material and holiday supplies is good, but at the time of this writing, there is not the firmness to the flower business that there might be. Stock is plentiful and fully able to take care of all present needs. Heavy advance orders for Christmas are coming in rapidly. Roses, particularly choice ones, are in a heavy supply. Carnations are plentiful. Enough Easter lilies and callas may be had to satisfy all present needs. Double and single violets, orchids, lily of the valley and sweet peas are all in a fair supply. Other offerings include a fair crop of Paper White narcissus and stevia and some chrysanthemums. The first poinsettias are expected this week.

NOTES.

J. A. Peterson & Sons have an excellent assortment of plants for their Christmas trade. Their Cyclamen giganteum plants are well sold up at the time of this writing, while their begonias, including Mrs. J. A. Peterson, Mellor and Glory of Cincinnati, are in excellent condition and enjoy the good demand their quality merits. Besides this, they are shipping quite a few Asplenium nidus avis and Adiantum Farleyense.

E. A. Forter has put his new violet-colored delivery truck into commission. As it travels the streets it presents a very attractive appearance and should prove a good advertisement to its owner.

C. E. Critchell has been booking many large orders for green and bronze leucothoe for Christmas and holiday trade.

P. J. Olinger has as his guest Fred Funk of Emerado, N. D.

Visitors: Fred Brueggemann, manager of P. J. Olinger's greenhouses, New Castle, Ind.; William Gardner, Richmond, Ind.; C. P. Brunner, Springfield, Ohio; Jos. Hill, Richmond, Ind.; L. F. Benson and wife, Indianapolis, Ind.; E. J. Lampert, Xenia, O.; Mrs. J. J. Lambert, Xenia, O.; W. G. Kieffner, Dayton, O.; Ike Bayersdorfer of H. Bayersdorfer & Co., Philadelphia, and Julius Dilloff, representing Schloss Bros., New York.

H.

Holyoke and Northampton Club.

The regular meeting of the Holyoke and Northampton Florists' and Gardeners' Club was held at Gallivan Bros. greenhouses, Smith's Ferry, December 5, President Butler in the chair. There was a good attendance and the meeting was a lively one, several interesting matters coming up for discussion. Chief interest centered in the election of officers, which resulted as follows: George Strugnell, president; H. E. Downer, vice-president; James Whiting, secretary (re-elected for the fourth time). The secretary's report showed the club to be in a flourishing condition, with steady progress from year to year. K. B. Ullman, F. D. Keyes and D. J. Gallivan were elected to the executive board. Three new names were also added to the membership list.

H. E. DOWNER, Sec'y.

New York Notes.

Hanft Brothers, 692 Madison avenue, are showing excellent features, both in cut flowers and plants, and report good business. Though, as a matter of course, the personnel of this firm has changed, it is the oldest in the city, having been established in 1848.

At the store of the Boulevard Floral Co., 2391 Broadway, we have recently noticed a fine arrangement of plants in variety, in baskets and hampers.

Albert Roethke, a designer and decorator, formerly with Thomas Young, Jr., is now with A. T. Bunyard, 413 Madison avenue.

John Waibel, buyer for Fred Stewig, 940 Sixth avenue, is rejoicing over a third boy that has joined his family.

Riedel & Meyer, Inc., 49 West 28th street, are handling a fine quality of pink and white snapdragon.

Albany, N. Y.

ELECTION OF OFFICERS.

Members of the florists' club were present in considerable numbers at the December meeting on account of the annual election taking place. Those chosen to direct the affairs of the club through 1917 are: Charles Sanders, president; John J. Hagerty, vice president; Robert Davidson, secretary-treasurer; R. W. Bilson, Alfred Jenkins, and Frank Williams, trustees for two years. William Newport, chairman of the committee on exhibits, presented a schedule for a flower show to be held by the club in its rooms on the night of February 1, the date of the regular meeting. The schedule provides for eight classes of rose exhibits and nine of carnations. The members having other plants or flowers that they believe meritorious were asked to bring them for exhibition. It was announced that the new officers will be installed on the evening of January 4. The business meeting will be followed by a dinner at Keeler's restaurant, State street. The arrangements were left in the hands of the entertainment committee. Three visitors present spoke briefly on trade conditions: Ralph M. Ward of New York, the lily specialist; Julius Berg, a ribbon salesman, and H. P. Hodgkins, who travels this territory for Fottler, Fiske & Rawson Co., of Boston. The three reported the outlook for the holidays excellent and advised the local retailers, that on account of the increasing prices of materials and supplies, they will have to advance their prices. Mr. Hodgkins pointed out that the Boston Thanksgiving market showed a decided increase in prices over those prevailing a year ago.

R. D.

Louisville, Ky.

H. G. Walker has returned from Montgomery, Ala., where he called upon the proprietors of the Rosemont Gardens, and reports cuttings of carnations going on at the rate of 2,000 to 3,000 per day. Mock roses seen here are in fine condition. While the local trade was reported slow, shipping business to points in Texas and Florida within a radius of 700 miles was said to be exceptionally good.

The death of Professor Ernest Walker, at Bolling, Ala., which is recorded in our obituary column this week, caused profound regret among a wide circle of friends in this city, where he was well known.

The electrical exposition in this city called for quite a number of plants and some cut flowers which were used in the decorations for the booths.

The delivery auto of the Wm. Walker Co. was nearly demolished recently when the chauffeur tried to avoid running over a pedestrian.

Several shipments of azaleas were found to be frozen upon arrival. Some bay trees were also found in bad condition.

There has been a good demand for specimen evergreens for planting in this city and vicinity.

Holly is being received in this city but the quality is only poor or medium.

H. G. W.

Montreal.

SUPPLY LIMITED AND PRICES HIGHER.

Local florists are anticipating a big Christmas trade. All indications point to a shorter supply than in former years and prices are expected to be higher in proportion. Great preparations have been made by both wholesalers and retailers and much interest is being taken in the plant section. Although azaleas are short of supply many other varieties have been grown to take their place. Cyclamens are plentiful and fine in quality and the same can be said regarding poinsettias. Ferns have sold well this fall but there still seems an ample supply.

CLUB MEETING.

The annual meeting of the Montreal Gardeners' and Florists' Club was largely attended. The several reports submitted showed the organization to be in a flourishing condition financially and otherwise. The present officers were re-elected. They are W. C. Cotter, president; R. Scott and J. J. Trevis, vice-presidents; W. H. Horobin, secretary-treasurer; J. Luck, assistant. Executive committee: E. J. Hayward, D. McDonald, H. J. Eddy, A. J. Bowles, G. A. Robinson and W. J. Smith. Sick visitation committee: W. R. Whiting, J. Walsh and W. S. Watts.

The annual dinner was held December 9 at the Ritz-Carlton hotel, about 66 being in attendance, among the out-of-town guests being I. Cassidy of Georgetown and J. McKee of Ottawa. Wm. Cotter officiated as toastmaster. Among the speakers were Ald. St. Germaine, E. J. Hayward, A. J. Bowles, W. C. Hall and C. A. Smith. There was quite an array of talent on hand, the menu was excellent and the dinner was a splendid success in every way. Much credit is due President Cotter and the dinner committee, who worked untiringly.

L.

Los Angeles.

TRADE BETTER THAN IN FORMER YEARS.

Thanksgiving business was better this year than it has been for several years past. All florists in this city report an excellent demand and the supply has been plentiful. There has been an ample supply of carnations in addition to a big stock of poinsettias, something unusual at this time of the year. Orchids were in good supply, but lily of the valley was few and far between. There is a feeling of genuine prosperity abroad. This was noticeable both among dealers and customers.

NOTES.

Wright's Flower Shop, Inc., has been loaded down with excellent stock. The roses have been superb and the American Beauties were all that could be desired. Gardenias, and about the only lily of the valley to be seen, were in evidence here. Business was very good.

S. Murata & Co. did an excellent Thanksgiving business. This firm is soon to add a seed department, their object being to supply clover and other seeds, fertilizers and a general line of supplies to the trade only.

The Redondo Floral Co. is one of the busy places in the city. A nice general stock is seen here and some especially fine Appleton chrysanthemums

were featured. Sales in all lines have been good.

O. C. Saakes reports business good in all departments. A 10-foot horse-shoe of red and white carnations and red and blue cornflowers was designed by his force recently for the Ascot park auto races.

The establishment of the Broadway Florists was one of the busiest in the city, six salesmen being kept constantly on the jump. The location of this store, on Broadway, is quite an asset.

J. W. Wolters went after his share of the Thanksgiving business and got it, no doubt. He is always well to the front with something attractive in the way of novelties.

Wolfskill Bros. & Morris Goldenson had a clever window decoration, a large horn-of-plenty being filled almost to bursting with a large variety of floral offerings.

The Germain Seed & Plant Co. reports an excellent trade in bulbs, although part of the imports were late in arriving, some of which were in poor condition.

Seki Bros. & Co. have been busy with decorations. They had a fine stock of poinsettias and chrysanthemums and report very good business.

The supply of chrysanthemums and outdoor carnations at Seki Bros. & Co. is diminishing, but they have several greenhouses to draw from.

Howard & Smith had an attractively arranged salesroom and appeared to be getting their full share of the Thanksgiving trade.

The California Cut Flower & Evergreen Co. has opened a retail store at 433 West Seventh street and are doing a nice business.

The Germain Seed & Plant Co. is busy in all departments.

Theodore Payne is now driving his own car.

G. H. H.

The Late Professor Ernest Walker.

Professor Ernest Walker, former horticulturist of the state of Alabama, noted botanist and writer, died at Bolling, Ala., December 5, following a short illness. He was 54 years of age.

Professor Walker was born at Brownstown, Ind., in 1862. He attended De Pauw University, did graduate work at Harvard and Cornell, and was later associated with Dr. L. H. Bailey at the latter institution, where he began as a teacher. For several years he was superintendent of the F. Walker Co., Louisville, Ky., before he took the chair of horticulture at Clemson College, S. C. In 1893, he took the chair of horticulture at Auburn, Ala., and was also state horticulturist until September of the present year at which time he resigned to become associated with development work at Bolling. He was also secretary of the Arkansas Horticultural Society for a number of years. He made a close study of plant diseases, insects and soils, one of his discoveries being a method of eliminating smut on rice. During his residence in Arkansas he put many orchards on a paying basis through his advice and maintained an experimental orchard near Fayetteville, that state, to show proper methods of culture.

Professor Walker is survived by his widow, two sons and one daughter, his mother, Mrs. Mary E. Walker, of New Albany, Ind.; and the following brothers and sisters: F. I. Walker, of Chicago; Ferd G. Walker and Herbert G. Walker, of Louisville, Ky.; Rev. J. M. Walker, Clarence Walker and Earl C. Walker, and the Misses Annie and Harriett Walker, of New Albany, Ind. The remains were laid to rest at Auburn, Ala., December 9. Many handsome floral tributes bore evidence of the high respect in which he was held far and near.

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We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
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THE FLORISTS' TELEGRAPH DELIVERY has issued a very attractive new show card for the use of its members.

ALL students at the Massachusetts Agricultural College are being placed in retail stores for the holiday season.

FLORISTS are beginning to learn that Paper White narcissus as small as 11-centimeters have been delivered to them on their orders for 13-centimeters and up. Care should be exercised in checking such scarce stocks on arrival.

Personal.

E. G. Hill, of Richmond, Ind., left December 8 on a two weeks' tour of the south.

American Gladiolus Society.

The members of the American Gladiolus Society, by a large majority vote, have chosen New York as the place for holding the annual show in 1917, the date to be the same as that of the annual convention of the Society of American Florists, namely, August 21-24. The exhibition will be held in the Museum building of the New York Botanical Garden, Bronx park. The premium list will be the largest ever offered by the society. Secretary Henry Youell, 538 Cedar street, Syracuse, N. Y., hopes to issue the preliminary schedule in January.

Chrysanthemum Society of America.

DEPARTMENT OF PLANT REGISTRATION.

The following new anemone chrysanthemums have been registered by Mrs. Frances G. Lloyd, Bernardsville, N. J.:

Mrs. Frances G. Lloyd—Pure white anemone on the order of Garza, but a larger flower, wider petals and considerably taller in growth.

Mrs. Owen Winston—Clear yellow with bright orange center, outer petals perfectly straight; plant a strong grower, tall and healthy habit.

Mrs. Charles S. Whitman—Lavender pink with center of light cream yellow; an exceptionally fine quality.

REPORTS OF EXAMINING COMMITTEES.

Cincinnati, Ohio, December 2, 1916.
—December Queen, yellow, shaded bronze, Jap incurved, scored 89 points commercial; The Crest, white anemone, scored 85 points. Exhibited by Elmer D. Smith & Co., Adrian, Mich.
CHAS. W. JOHNSON, Sec'y.

Hail Reminiscences.

Immediately following the incorporation of the Florists' Hail Association in 1887, the writer was rather unfortunate with a noted Pittsburgh, Pa. florist to obtain insurance upon his glass, believing the prestige of the use of his name would be of value to the then struggling association. The reply invariably was, "There has not been a hail storm at Pittsburgh in 35 years." Yet within a few years thereafter the Florists' Hail Association paid three losses on a Pittsburgh risk in one year, and in one of the storms the gentleman referred to above, had to use an empty box to protect himself from falling glass until he reached a place of safety.

Another florist who was frequently solicited to aid the Florists' Hail Association was the late J. L. Dillon of Bloomsburg, Pa. Mr. Dillon insisted on carrying his own risk, and on two occasions sustained heavy loss. After his death, the estate insured their greenhouses, and hail has not been heard of at Bloomsburg since. The moral of the latter incident is—insure your glass before the storm catches you.
JOHN G. ESLER.

Control of Plant Diseases.

The following is taken from Report of the Secretary of Agriculture for 1916:

"It is very clear that fuller knowledge of the distribution and the nature and methods of control of crop diseases is essential. In some seasons, when unusual climatic conditions prevail at critical periods, diseases greatly lessen or practically destroy particular crops throughout important

producing districts. Progress has been made in determining their exact character and in developing methods of control, but the destructiveness of certain diseases under climatic conditions favorable to their spread necessitates still more energetic inquiry. It has been estimated that in years when cereal rusts are epidemic the losses from them alone amount at least to \$180,000,000. No effective remedies have yet been found for these diseases. It seems probable, however, that through the development of suitable resistant varieties their eventual control in large part can be effected. Distinct headway has been made in the study of diseases of fruits and vegetables. Many of them have proved amenable to spray control, especially when combined with rational field practice to prevent infection."

Paper White Cut Flower Prices.

Prices on cut flowers of Paper White narcissus are reported as follows, December 10:

St. Louis, Mo.—Not selling as well as last year. Were compelled to cut prices from \$2.50 and \$3 to \$2. Other stock fairly plentiful which reduces demand for narcissus.

Cincinnati, O.—Supply above normal. Price \$2 to \$3, mostly at the lower rate. Booking for Christmas at \$3 to \$4.

Chicago.—Supply large, fancy stock bringing \$1 to \$2 per 100.

Buffalo, N. Y.—Normal supply at \$2.50 to \$3.

Pittsburgh, Pa.—Scarce, bringing \$4 to date.

Milwaukee, Wis.—Three dollars, yellows \$4.

New York.—About \$2 per 100.

Air Mail Service.

Tentatively under consideration, in connection with the proposed appropriation of \$100,000 for experimental aerial mail service by the Government, is a plan for regular aeroplane mail service between New York and Chicago. Officers of the postoffice department have discussed the present possibilities of aerial mail transportation with American representatives of the science of aerial navigation and are assured that New York-Chicago service is practicable. It is estimated that the trips can be made in from six to 14 hours, depending upon the wind and that the average running time for the 720 miles (air line) between the two largest American cities would be eight hours.

Benjamin Hammond Mayoralty Nominee.

The Fishkill Standard of December 2, announces that Benjamin Hammond, the well-known insecticide and paint manufacturer, of Beacon, N. Y., has consented to enter the mayoralty race in that city and will be the republican nominee at the February primaries. The Standard pays high compliment to Mr. Hammond's qualifications to see that the city has an economical and efficient administration.

Lord & Burnham Changes.

M. C. Wright, for the past six years manager for the Lord & Burnham Co.'s Philadelphia and southern territory, will go to Chicago, January 1, 1917, as manager of sales. C. C. McDermott, for the past three years manager of the company's Canadian sales, will succeed Mr. Wright at Philadelphia.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Adv., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Expert gardener seeks engagement on first-class estate. All references, life experience. Pacific coast preferred.
Key 727, care American Florist.

Situation Wanted—As working foreman on big commercial place growing roses and carnations; life-long experience and scientific practice; can handle men; sober and industrious; good references.
Key 705, care American Florist.

Situation Wanted—Superintendent - gardener (head) seeks position: country estate; temperate; excellent greenhouse manager; landscape artist; knows live stock, engines; life experience; best references.
A. PAWLITZ,
17 Vine St., Roxbury, Boston, Mass.

Situation Wanted—Designer with executive ability and experience in growing, desires responsible position; experience and credentials that assure results. Ohio preferred but will consider good proposition; young married; a hustler. Address
Key 710, care American Florist.

Situation Wanted—By a practical man 42 years of age, with 20 years' experience in the florist business. An all around grower, salesman and designer; American born. Married and have one child 7 years old. Can furnish best of references. Please state wages in first letter. Address
Box 473, Salina, Kan.

Situation Wanted—By Scandinavian, single, with over 20 years' experience in Scandinavia, England, Germany and America. Several years in charge of Greenhouses and outside. Cut flowers, forcing and propagating a specialty. Well up in care of parks. References are good. Address
Key 717, care American Florist.

Situation Wanted—Seedsmen wants situation: expert on grass, clover and field seeds; reliable vegetable and flower seedsmen; languages, German, French and English; either in office, field, warehouse or on road; practical grower, with extensive European and American field and office experience; good catalogue and advertising man.
R. GERARD, Ulster Park, N. Y.

Help Wanted—Wanted, experienced store girl, for St. Louis position. Address
Key 725, care American Florist.

Help Wanted—First class store man; state compensation and send references. Address
SAMUEL MURRAY
1017 Grand Ave., Kansas City Mo.

Help Wanted—Salesman calling on seed stores to carry side line; fast seller; good commission; pocket samples; any states.
M. BAYERSDORFER, Huguenot Park, N. Y.

Help Wanted—Several florists wanted; young men with experience; reliable; steady position. Apply to
HOTEL BILTMORE, Florist Dept.,
Madison and Vanderbilt Aves., New York.

Help Wanted—Saleslady and designer for large town, 50 miles from Chicago. \$12.00 per week to start. Address
Key 000, care American Florist.

Help Wanted—Good pot plant grower for up to-date commercial plant. Send full particulars in first letter, stating age, experience and wages. Address
Key 724, care American Florist.

Help Wanted—Experienced man for roses, carnations, chrysanthemums and general stock; required on private place; state salary and experience. Address
Box 424, Bettendorf, Iowa.

Help Wanted—Nursery propagator; man with experience in perennials; permanent situation; state previous experience.
SWAIN NELSON & SONS Co.,
940 Marquette Bldg., Chicago.

Help Wanted—Nursery salesman experienced in selling to high class retail customers; state experience and salary.
SWAIN NELSON & SONS Co.,
940 Marquette Bldg., Chicago.

Help Wanted—Young, handy willing boys and men to work in greenhouses; \$30.00 to \$50.00 per month; no experience needed. Apply
FOEHLMANN BROS. Co.,
"Plant B," Morton Grove, Ill.

Help Wanted—At once, in a well established retail store in New York City, a good designer and salesman. Must be sober. Good wages to such a man.

A. F. F., care American Florist.
Lock Box 501, Madison Sq. Station, New York.

Help Wanted—Young man, with some experience; must be able to water pot plants; good chance for young man to learn pot plant business; wages, \$15.00 per week to start steady work for right man; in vicinity of Pittsburgh. Write
P. S. RANDOLPH & SONS,
R. D. 1, Verona, Pa.

For Sale or Rent—Retail flower store on State Street, Chicago, in the heart of the shopping district. The business is now running and buyer can take immediate possession. For further particulars.
Key 726, care American Florist.

For Sale—Well established business for sale; 9,000 feet of glass; five acres of good land; well stocked with cut flowers and bedding plants; write for particulars; can take possession at once. Address
Key 730, care American Florist.

For Sale—Good paying retail store for sale at a bargain. Worth \$1500 but will sell for \$700 or \$800 cash. Books open for inspection. Store is in A1 condition and is an unusual buy. This is a splendid opportunity for a young fellow to start in business for himself.
M. B. HIRSCH, "The Willard Florist,"
346 East Fifty-first Street, Chicago.

For Sale—Eight greenhouses, with salesroom attached, four squares from heart of a thriving city of 18,000; no competition; six-room modern dwelling, garage and auto; net profits over \$7,000 per year; will stand any investigation you desire to give; \$5,000 cash, balance, \$15,000, on easy terms; location, Texas. Do not answer if you do not mean business. Address
Key 729, care American Florist.

Situation Wanted

Experienced seedsmen just disengaged wishes to connect with a reliable seed house as manager, or responsible office position, 25 year's experience in all branches, best references. Address
Key 728, care American Florist.

FOR RENT

Suitable floor space on the Chicago Wholesale Cut Flower Market, where the grower can sell his own stock. For further particulars address
Key 732, care American Florist.

Male Help Wanted.

Prominent eastern Seed House desires to secure an experienced executive well acquainted in the line, wholesale and retail, who can furnish irreproachable references as to knowledge, ability and integrity. Address
Key 723, care American Florist.

Help Wanted

A well trained, educated and skilled florist, to take charge of the work at the Topeka Kansas State Hospital, Topeka, Kansas. Salary \$50.00 per month, together with board, lodging and laundry. Apply to the Superintendent.

TOPEKA STATE HOSPITAL,
Topeka, Kan.

FOR SALE.

We have installed a new Buchbinder refrigerator in the Geo. Wittbold Co.'s new retail store on Buckingham Place, Chicago, and will sell the two refrigerators that were in use there at a bargain if taken at once. One is a display box 10x4x10 feet high and the other a storage box 8x10 feet. For further particulars address

BUCHBINDER BROS.,
518 Milwaukee Ave., CHICAGO, ILL

For Sale Cheap—A Going Business—Four greenhouses, 16 by 40 feet, and one 18 by 40 feet; double sash glass, well built and fresh putted tight; cement foundations and boiler and coke pit; six two-inch hot water pipes under each of the ten cypress benches; over 4,000 blooming carnations and a lot of potted plants; 3,000 rooted carnation cuttings; ideal boiler; also 18 tons of coke on hand; one small brick shed in rear, 12 by 16 feet. Very centrally located in Littleton, 2,000 inhabitants, the county seat of Arapahoe county, Colorado; six miles from Denver, always a good market; 10-cent carfare; only greenhouses here; sun shines 300 days a year; ideal for weak lungs. The young man who recently operated these houses was drowned a few weeks ago. Houses and lots cost \$5,000.00. All of this for \$750.00 cash, \$750.00 four years at 8 per cent. It sure is a bargain. Immediate possession; warranty deed. Will send photo of houses to a buyer. Address
MRS. ADELAIDE J. CULP, Owner,
Littleton, Colorado.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 1/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO

NEW EDITION—Issued August, 1916.

TRADE DIRECTORY

Florists, Nurserymen and Seedsmen

OF THE

UNITED STATES AND CANADA.

Price \$3.00, Postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

Milwaukee.

BUSINESS GENERALLY GOOD.

There is nothing exciting to report in regard to market conditions for the past week. Business locally was good, while the shipping trade continued brisk. The supply in roses and carnations was about equal to the demand at moderate prices. The warm weather conditions, which prevailed up to December 7, were ushered out by a severe rain and a thunder storm had its bad effects, making all the cut stock soft; since then we have had snow and much colder weather. This was beneficial in so much that a clean-up was the rule by Saturday evening. The few chrysanthemums that still come in do not cut much of a figure. From present indications the rose and carnation supply will be, with favorable weather, about normal. There is plenty of good stevia now to meet all demands.

NOTES.

The color effect at the auditorium for the charity ball was, for a change, green only. The stage represented a woods, where suppers were served. On the main floor, directly in front of the stage, a large space set aside for the musicians, was surrounded by a formal cedar hedge about seven feet high. The ceiling decoration consisted of a large star, which measured 88 feet from tip to tip, composed of green cheese cloth and wild smilax interspersed by shaded electric globes. The balcony was also festooned with wild smilax. It took about a half ton of cedar clippings to carry out the plans.

The C. C. Pollworth Co. again has its usual fine lot of pot plants for the Christmas trade, but with a brisk demand they expect to be cleaned up before the final rush is over. They, like the Holton & Hunkel Co., are having their troubles with the arrival of imported stock, some of which is far late, and secondly, damaged by frost, etc. We predict it will take some time and trouble to get these matters adjusted satisfactorily.

From a reliable source we are informed that the supply locally of Pochontas coal, which is largely used by greenhouse men in this vicinity, is not very large, prices quoted now being \$7.00 per ton, against \$3.75 to \$4.00 paid in the last few years. Do and will the price of cut flowers and plants help to offset this one item in the higher cost of production?

Owing to the inclement weather the attendance at the florists' club meeting on December 7 was not largely attended. The following were elected to serve during 1917: Wm. Kennedy, president; Henry W. Kummer, vice-president; James Livingston, treasurer; Eugene Oestreicher, secretary. Trustee for three years, Wm. R. Schroeder.

Alfred Schiller, who underwent a serious operation for stomach trouble, just about a year ago, on November 27, again had to undergo the same ordeal at St. Joseph's hospital. Reports at the time of writing are that he is getting along nicely.

At Gust Rusch & Co.'s, they report shipping trade better than local sales. The Cudahy Floral Co., who consigns to them, expect to have a nice cut of roses in variety for the holidays. Their Killarney look especially promising at this time.

The Holton & Hunkel Co. reports that it has a choice lot of pot plants, consisting of poinsettias, cyclamens, azaleas, begonias, etc., ready for the Christmas trade; they are somewhat better than they ever had them before.

Hugo Lockner & Sons, at Wauwatosa, Wis., are consigning choice sweet peas and snapdragons to the local market daily.

E. O.

Palms and Ferns

We have a large and fine stock for the holiday trade, and can give exceptionally good value.

FERNS—Scottii, 4-in. pots, 20c; 5-in. pots, 30c; 6-in. pots, 50c; 7-in. pots, 75c. **Teddy, Jr.**, 6-in. pots, 50c; 7-in. azalea pots, 75c; 8-in. pots, \$1.00 each. **Boston Ferns**, 6-in. azalea pots, 40c; 6-in., extra heavy, 50c; 7-in. pots, 75c; 8-in., \$1.00. **Neph. Whitmani**, 6-in. pots, 50c; 7-in. pots, 75c.

KENTIAS—**Kentia Belmoreana**, 4-in. pots, 40c; 5½-in. pots, 18 in. high, 75c; 6-in. pots, 22 in. high, \$1.00; 6-in. pots, 24-26 in. high, \$1.25; 7-in. pots, 28 in. high, \$1.50 each. **Kentia Forsteriana**, 4-in. pots, 40c; 5½-in. pots, 75c; 6-in. pots, 5-6 leaves, 26 in. high, \$1.00; 6-in. pots, 30 in. high, \$1.25; 6-in. pots, 32 in. high, \$1.50; 7-in. pots, 33 in. high, \$2.00 each.

Areca Lutescens, 6-in. pot, made up, 3 ft. high, 3 plants in a pot, \$1.50 each.

CASH WITH ORDER, PLEASE.

We have a large stock of **Azaleas, Rhododendrons** and **Hydrangeas** for Easter forcing. Write for prices.

GODFREY ASCHMANN

Importer, Wholesale Grower and Shipper of Pot Plants

1012 West Ontario Street,

PHILADELPHIA, PA.

San Francisco.

SUPPLY SHORT AND PRICES ADVANCE.

The prices of nearly all kinds of stock continue on the up-grade. Business is excellent, but there is quite a shortage of a lot of stock. Roses have dropped into line and are now very scarce with prices rather high, Russell and American Beauty being especially scarce. From present indications it will be two weeks before the supply becomes normal again, if it ever does. The only rose that seems to be in ample supply is Cecil Brunner. Lily of the valley is not to be had in any quantity. What little stock arrives is snapped up eagerly. Orchids, too, are very scarce with not nearly enough to go around. In fact, it has been a long time since the supply of the above mentioned flowers has been so short. Carnations, in common with other flowers, have advanced sharply, with the demand steady. There is also quite a good call for them from the shippers. Some splendid Pink Perfection and Gorgeous are arriving. Matchless is also improving in length of stem and is proving a fine seller. With the decline in the supply of other stock, violets have leaped into favor and enormous quantities are now being shipped out of the city. Gardenias are scarce and hard to locate. A very few good chrysanthemums, chiefly Nonin and Bonnafon, are arriving and are quickly disposed of. These come from a few isolated spots where the frost did not hit. The chief supply of chrysanthemums is now coming from the Chinese growers along the peninsula. This is usually the cheapest stock on the market, but this year it is all that is to be had, and consequently the oriental growers are reaping a harvest. As a rule the stock is all short stemmed and the blooms are very small. The heavy frosts still continue without abatement. All sorts of pot plants are much more eagerly sought for now that flowers are so scarce. Some grand looking cyclamens and begonias are coming in regularly and are moving well. There is every indication that the Thanksgiving business will be away head of former years. The supply will be the only difficulty with which the florists will have to contend. There are enough of greens of

all kinds to supply the demand, but nothing is in over supply.

NOTES.

Stanford University Arboretum has just come into possession of the finest and most complete collection of botanical specimens of southern California in existence. This is the collection of S. B. Parish, the noted authority and collector of San Bernardino. Mr. Parish, who is now 77 years old, has been collecting the plants of the southern part of the state during his whole adult life, and since he was eager that his collection should remain in California, the Stanford Arboretum was enabled to acquire it for a good sum. The collection comprises about 50,000 specimens gathered and identified by this recognized authority of southern California flora. The arboretum already has a very fine collection in the "Dudley Herbarium," which has been enlarged and supplemented by the members of the botany department, and this will enrich the representation of southern California plant life contained in the new acquisition. The actual work of planting the different units of the arboretum is progressing rapidly.

The California State Floral Society held a large meeting November 17 at Red Men's hall. Various horticultural subjects were discussed at length and the matter of holding a show next spring was also under consideration.

One remarkable feature of the recent killing frosts which disposed of the chrysanthemums so early in the season was the behavior of that grand new chrysanthemum, Marigold. The writer has noticed that while every other variety was killed, this variety has come through absolutely unharmed. This occurred among a number of growers. Can it be that this variety is the forerunner of a race of chrysanthemums that will withstand a hard freeze? This fact is surely going to add to its well entrenched popularity.

Publication of a complete and authoritative work of "The Flora of the Pacific Coast" has been authorized by the Stanford University trustees, and a fund has been established to enable Prof. Leroy Abrams of the botanical department to make this the best work

Ready for Christmas

Make this Christmas the most profitable you ever had by making your purchases where you will be assured of the best quality at the lowest price. Unless you buy from us you may be disappointed.

We offer the largest variety of **Roses and Carnations** in New England. **Lily of the Valley, Violets, Sweet Peas, Orchids, Gardenias and Poinsettias** are of **UNSURPASSED QUALITY.**

**Boxwood, Laurel Festooning
Laurel Wreaths Bunch Laurel
Hardy and Fancy Ferns**

And a most complete line of up-to-date Florists' Supplies.

WELCH BROS. CO.,

2628 DEVONSHIRE ST., BOSTON, MASS.

Both Phones—6267 and 6268 Main.

of its kind ever published. Prof. Abrams will work with the co-operation of Dr. Nathaniel Lord Britton, the eminent botanist. It is expected that the undertaking will occupy probably 10 years.

M. H. Ebel, of Sacramento, who is a frequent visitor, was in town several days during the week. He says the recent flower show was a splendid success and promises a great show next year. He reports the cold wave as having disastrous effects on all outdoor stock, chrysanthemums being the worst sufferers. A. Navlet reports a loss of over \$1,000 worth of chrysanthemums alone.

Carl Horn, of the landscape department of the University of Nevada, at Reno, was a visitor during the early part of the week. He reports that our old friend, Jake Michon, is now in charge of the range of glass at the university and has everything looking in splendid shape.

Growers who depend upon Utah and Colorado for their coal supply are experiencing much difficulty in getting their orders filled. In one instance, seven cars ordered last May have not put in appearance as yet.

Chas. A. Stappenback, on Polk street, reports business as being very good in his section of town, the only difficulty being to get sufficient stock. He has a splendid line of pot plants for Thanksgiving trade.

Manager J. A. Axell, of the E. N. McLellan Co., reports that the large daily cut of roses cleans up well. He reports also that the shipping demand is fully up to the standard of former seasons.

John McLaren is preparing plans for the planting of the esplanade at the ocean beach. When finally completed this will be one of the finest pieces of work of its kind in this country.

President Craig, of the National Association of Gardeners, has appointed Percy Ellings, of Menlo Park, on the publicity committee for the coming convention at Washington, D. C.

The Hillsborough Nurseries are sending in a fine cut of American Beauties. All the rose houses of this concern are in the best of shape and a heavy cut is looked for from now on.

A. Thorsted, of the Thorsted Floral Co., of Oakland, slipped quietly away and was married a few days ago. He is spending a honeymoon in the southern part of the state.

G. N.

Nashville, Tenn.

PREPARED FOR BIG HOLIDAY TRADE.

Thanksgiving has past leaving behind the memory of a fine trade in which the chrysanthemums played an important part, but they are now about to see their finish. All thoughts are now for the coming holiday season and extensive preparations are being made. The supply will be both beautiful and abundant and each and every grower is prepared to meet all demands. Trade during the past few weeks has been very satisfactory, there being the usual quota of debuts, receptions, weddings and funerals, with the result that each day's supply is well taken up by the demand. Shipments of azaleas which have been in transit since September 26 have been received by local growers and have been found to be much damaged in consequence. To have them in for the Christmas trade is entirely out of the question. But there will be plenty of fine plants as substitutes and there is little doubt that everything in the way of plants will sell at good figures. The stock of fancy baskets and or-

namental pots and pans will be unusually good. While roses are coming on in good shape there will be no surplus of American Beauty. The quality, however, will be fine.

NOTES.

Geny Bros. have a fine stock coming on that will be just right for the holiday trade—as fine a variety of both cut flowers and plants as has ever been seen in this market. Business has been very good with them in general and they anticipate a record breaking holiday trade. They have made some improvements that add to the attractiveness of their store.

McIntyre Bros., as usual, have fine stock for the holiday season. Among other choice offerings they will have as a feature some splendid orchids. Their up-town greenhouse is proving a great convenience in handling stock for sale and for storage of holiday plants. The display feature also brings about many sales.

Harold Joy, who has had much experience in greenhouse management under his father, the late Thomas C. Joy, whose assistant he was, as well as in some of the largest growing establishments in the north, has taken charge of the Joy Floral Co.'s range and will direct the management of this end of the business.

The Joy Floral Co. has a tremendous stock this year and the large orders being booked in advance indicate a large volume of trade coming their way. In addition to an abundance of cut flowers they will be well supplied with pot plants.

Haury & Sons have good flowers of all the seasonal varieties. Their windows are always attractive and they are enjoying a good business.

M. C. D.

H. E. FROMENT

148 West 28th Street, Telephone {300
301} Farragut NEW YORK

Choice Cut Flowers at Wholesale All the New and Standard Roses

QUALITY BOXWOOD SPRAYS

Clean, Classy Sprays, with glossy, green foliage. Every poor branch rejected in securing our "McCallum Quality." The Hedge Variety is the prettiest wreath-making material on the market. \$7.50 per 50-lb. case. Special prices on larger quantities.

Red Ribbon, Satin Taffeta, Pattern 110 Nos. 5 7 9 12 16 22 40 60 80 100
25c 32c 42c 52c 62c 75c 87c \$1.00 \$1.12 \$1.25

Write for our latest booklet, giving prices on other Christmas Goods and Every Day Supplies.

McCALLUM CO.,

"Everything for the Florist"

Pittsburgh, Pa. (only)

Pasadena, Calif.

BUSINESS VERY SATISFACTORY.

Trade conditions in this city are very good at this time. While no very big business is expected before the first of the year, there is a feeling of expectancy and a condition of preparedness. Many of the florists here have arranged for new stocks of baskets for the holiday trade but there has been more or less disappointment in the failure of azaleas to arrive, in many cases the orders not being filled. Cyclamen and other plants are in good supply.

NOTES.

Plans for the greatest rose tournament ever held in this city are being made and the public is looking forward to a wonderful floral display.

Eldred's Flower Shop has changed its location, having moved to 260 East Colorado avenue, opposite the new postoffice. The new location is an improvement in every way. A varied assortment of fancy baskets and vases has been added to the stock. Business is good.

Thomas Chisholm of the Pasadena Nursery Co., has returned from a visit to Portland and Seattle, Wash., and reports business at both places very good this season. This firm does a big business in Christmas trees. Stock at this establishment looks very good.

Siebrecht's House of Flowers recently had its formal opening in the Hotel Maryland annex, and is now ready for business. If there is anything in location, this establishment should enjoy a good trade.

The store force at the Orchid Flower Shop are in good spirits. They have a new stock of baskets just received for the holiday trade. Some fine orchid seedlings were seen here; also fine foliage plants.

G. H. H.

DETROIT, MICH.—The range of Jerome K. Stock, 518 West Warren street, escaped serious damage by fire, December 4, due to quick work on the part of the fire department. Part of the shed was destroyed but no damage was done to greenhouses or stock.

Joseph A. Millang

Wholesale Commission Florist

57 West 26th Street, NEW YORK

All orders filled on short notice.

The Celebrated Briarcliff American Beauty Roses

and the leading varieties of Tea Roses from the F. R. Pierson Co. range as follows:

Ophelia, Hoosier Beauty, Sunburst, Mrs. Geo. Sawyer, Killarney Queen, Mignon, and many others.

The Cottage Gardens Co.'s Carnations: Mrs. C. W. Ward, Matchless, Cottage Maid and other fine new productions.

California Violets

Giant and Princess

ENOMOTO & CO.

35 St. Anne St.,

SAN FRANCISCO, CALIF.

Flowering and Decorative PLANTS For Christmas Holidays

ASPARAGUS Plumosus Nanus

For box and basket work.

	Per doz.	Per 100
2½-inch	\$0.75	\$ 4.50
3-inch	1.25	5.00
4-inch	1.75	12.00

AUCUBA JAPONICA VARIEGATA

Gold Plant. Handsome bushy plants. 18-in. each, 75c; doz., \$8.00; 24-in., each \$1.00; doz., \$10.00.

AZALEAS—In Bloom for Xmas

Fine shapely plants, well set with buds and blooms: Simon Mardner, double red; Vervaekeana, double variegated; White Vervaekeana, double white.

In. Diam.	Each	Doz.	In. Diam.	Each	Doz.
12 to 14	\$1.25	\$12.00	16 to 18	\$2.25	\$24.00
14 to 16	1.50	15.00	18 to 20	3.00	.....
			20 to 22	4.00	.....

MME. PETRICK—Double Pink

	Each.	Doz.
16 to 18 inches	\$2.25	\$24.00
18 to 20 inches	3.00	.....
20 to 22 inches	4.00	.....

MINIATURE MME. PETRICK

\$0.50 to \$0.75 each.

BEGONIAS

Gloire de Lorraine and Cincinnati

Pans	Each	3 for	Doz.
3-inch	\$0.85	\$2.35	\$ 9.00
3-inch	1.25	3.50	12.00

CYCLAMEN—In Bloom

5-inch pots, Each, \$0.50 to \$0.75; Doz. \$6.00 to \$8.00.

CROTONS

A choice selection of Fancy Sorts. Well Colored.

Pots	Each	Doz.	Per 100
4-inch	\$0.60	\$5.00	\$40.00

CYCAS—In Leaf

4-inch.....Each, 25c to 40c

DRACAENAS

Amabilis

Dark glossy green foliage marked and suffused with pink and creamy white.

5-inch Each, \$1.00 | Doz., \$11.00 |

CHICAGO,

31-33 W. Randolph St.

DRACAENAS—Continued.

Baptisti

Long broad foliage: cream, red and orange.

4-inch Each, \$0.75 | Doz., \$8.00 |

Imperialis

One of the best of the bright colored varieties; dark green foliage with bright pink shadings and edgings.

4-inch Each, \$0.75 | Doz., \$8.00 |5-inch Each, 1.00 | Doz., 11.00 |

Kelleriana

One of the finest foliage plants for combination boxes or baskets. Dark green, densely marked with irregular spots of creamy white.

3-inch Each, \$0.30 | Doz., \$3.00 |

Lord Wolseley

Bright red foliage, a fine variety for Christmas.

4-inch.....Each, \$0.50 Doz., \$5.00 |

Massangeana

Broad green foliage with a broad golden yellow band through the center of each leaf.

5-inch Each, \$1.00 | Doz., \$11.00 |

Sanderiana

Glaucous green foliage with a broad border of cream white.

2½-inch Each, \$0.25 | Doz., \$2.00 |

Ficus Repens

A trailing variety with small foliage.

3-inch..Each, \$0.15 Doz., \$1.50 | 100, \$10.00 |4-inch..Each, .20 Doz., 2.00 | 100, 15.00 |

Ferns For All Purposes

ASSORTED FERNS For Dishes

A choice assortment, our selection of varieties.

2½-inch..Doz., \$0.50 100, \$3.50 | 1000, \$30.00 |

ADIANTUM OR MAIDEN HAIR FERN

Hybridum

	Each	Doz.	100
2½-inch	\$0.15	\$1.25	\$ 8.00
3-inch .....	.20	1.75	12.00
4-inch .....	.35	3.00	20.00

FERNS—Continued.

Scutum Roseum

	Each	Doz.	100
3-inch	\$0.25	\$2.50	\$15.00
4-inch .....	.40	3.50	.....
5-inch .....	.60	6.00	.....

CIBOTIUM SCHIEDEI

5-inch Each, \$1.50 | to \$2.00 |

CYRTOMIUM Rochfordianum

	Each	Doz.	100
3-inch	\$0.20	\$2.00	\$15.00
4-inch .....	.25	2.50	20.00
5-inch .....	.35	3.50	40.00

BOSTON FERNS

Ours are all pot-grown and bushy, well furnished with fronds from the pot up, and are not to be compared with the cheap long drawn up stock lifted from the bench.

Size pots	Each	Doz.	100
3-inch	\$0.20	\$1.75	\$12.00
4-inch .....	.25	2.50	20.00
5-inch .....	.50	5.00	40.00
6-inch .....	.75	8.00	.....
7-inch	1.00	10.00	.....
8-inch	1.25	12.00	.....

PALMS

Kentia Belmoreana

Size Pots	Leaves	Height	Each	Doz.
4-inch	5 to 6	18 to 20 in.	\$0.60	\$6.00
5-inch	5 to 6	22 to 24 in.	1.00	11.00

PANDANUS VEITCHII

4-inch Each, 60c | Doz., \$6.00 |

PRIMULA OBCONICA

In Bloom.

4-inch....Each, 20c; Doz., \$2.00; 100, \$15.00

POINSETTIAS—"The" Xmas Plants

The large, handsome red bracts and bright green leaves make a beautiful contrast.

Size Pot	No. Plants	Each	Doz.
3-inch	3	\$0.75	\$ 8.00
4-inch	3	1.00	10.00
5-inch	3	1.50	15.00
6-inch	3	2.00	21.00
7-inch	3	3.00	30.00

SOLANUM MELVINI

Improved Jerusalem Cherry, with large

oval berries.	Each	Doz.	100
Pots			
4-inch	\$0.20	\$2.00	\$15.00
5-inch .....	.35	3.50	25.00

VAUGHAN'S SEED STORE,

Greenhouses: Western Springs, Ill.

NEW YORK,
43 Barclay St.

Los Angeles County Horticultural Society.

The monthly meeting of the Los Angeles County Horticultural Society was held in its new quarters in the Times assembly rooms, First street and Broadway, December 6, the feature of the evening being a lecture on "Landscape Gardening for the Moderate Home," by James M. Grant, who handled his subject in a most entertaining manner, showing conscientiousness and earnestness in his work. Questions were asked and liberally answered and discussed. The attendance was above the average and many new faces were seen, which shows continued interest in the society and its efforts.

Our meetings in the past few months have been unfortunately marred by having a member who will persist in hackling the speakers. Officers of the society have tried to eliminate this but have been unsuccessful and would be glad to hear from other organizations who have had the same problem to solve and if they were successful how they managed to accomplish same. While no doubt there is bound to be a difference in opinion in the matter of proper methods of cultivation of plants, etc., and the exchange of views is a splendid advantage, but useless hackling is a detriment to the welfare of our cause and we are very anxious to eradicate this.

At a recent meeting of the executive committee, a vigorous campaign was decided upon to interest the owner of the moderate home and a series of subjects selected to offer at the regular meetings which will be handled by capable speakers and the outlook is for a most successful winter season. All who attend are sure to profit.

FRANK LEWIN, Chairman.



CARNATION CUTTINGS

IT IS NOT TOO EARLY to order now if you desire December or January delivery

NEW VARIETIES.

COTTAGE MAID: Clear shell pink, sport of Mrs. C. W. Ward, possessing the same wonderful keeping and shipping qualities. MERRY CHRISTMAS: Color, intense deep scarlet; large flower, well formed, splendid stem and calyx, splendid keeper. DORIS: Color, brilliant maroon; vigorous grower, producing a succession of high grade blooms on long stiff stems; good calyx. ROSALIA: A true cerise pink; splendid grower and producer; a good commercial variety in every respect. OLD GOLD: Deep yellow with faint pink stripes; the earliest and freest flowering of all yellow varieties; a decided improvement over Yellow Prince. All of the above varieties, \$12.00 per 100; \$100.00 per 1000.

Last year's introductions and standard varieties; prices on application.

S. S. PENNOCK-MEEHAN COMPANY,

The Wholesale Florists of Philadelphia

PHILADELPHIA, 1608-1612 Ludlow St.

NEW YORK, 117 W. 28th St.

BALTIMORE, Franklin and St. Paul Sts.

WASHINGTON, D. C., 1216 H St., N. W.

Xmas Decorations

Select Delaware Holly Japanese Frieze

Select Delaware Holly Wreaths

Immortelles

Lycopodium Wreathing

Write for Prices. Let us book your order.

ST. LOUIS SEED CO.,

411-413 Washington Ave.,
ST. LOUIS, MO.

FOR CHRISTMAS

Roses-Carnations

And All Other Cut Flowers and
Greens In Very Large Supply.

Place your Christmas Orders with us and get the best for the least money.

CHRISTMAS PRICE LIST

Subject to Change
Without Notice.

AMERICAN BEAUTY		Per doz.
Extra long stems		\$10.00
Stems 48 inches		9.00
Stems 30 to 36 inches		\$ 7.00 to 8.00
Stems 24 inches		6.00
Stems 18 to 20 inches		4.00 to 5.00
Stems 12 inches		2.50 to 3.00

MRS. CHAS. RUSSELL		Per 100
Special		\$30.00 to \$35.00
Select		25.00
Medium		15.00 to 20.00
Short		10.00 to 12.00

ROSES		Per 100
Killarney Brilliant		\$20.00
White Killarney		Special... \$20.00
Killarney		Select... \$15.00 to 18.00
Mrs. Ward		Medium... 10.00 to 12.00
Sunburst		Short... 6.00 to 8.00
Ophelia		

ROSES—Continued.		
Richmond, special		\$25.00
select		\$15.00 to 20.00
medium		10.00 to 12.00
short		6.00 to 8.00
Cecile Brunner		2.00 to 4.00
Elgar		2.00 to 4.00
Baby Doll		2.00 to 4.00
ROSES, OUR SELECTION		7.00
Extra special roses billed accordingly.		

CARNATIONS		
Red		\$8.00 to \$10.00
Pink		6.00 to 8.00
White		5.00 to 6.00
Our Selection		5.00 to 6.00

MISCELLANEOUS		Per 100
Violets		\$ 1.50 to \$ 2.00
Valley		6.00
Easter Lilies		12.50 to 15.00
Stevia		1.50 to 2.00
Calendulas		2.00 to 4.00
Paper Whites		3.00 to 4.00

MISCELLANEOUS—Cont.		Per 100
Daisies		1.50 to 2.00
Mignonette		6.00 to 8.00
Poinsettias, fancy		per doz. 2.00 to 4.00
Romans		3.00 to 4.00
Snapdragons		per bunch .75
Callas		per doz. 2.00
Sweet Peas		1.50 to 2.00

GREENS		
Asp. plumosus		per string \$0.50 to \$0.75
Asp. plumosus sprays		bunch .35 to .50
Sprengeri		per bunch .35 to .50
Adiantum		per 100 1.00
Smilax, choice		per doz. 1.50 to 2.00
Fancy ferns		per 1,000 2.50
Galax leaves		per 1,000 1.25
Wild Smilax		per case 5.00
Boxwood		
per lb., 25c; 50-lb. case		7.50
Red Winter Berries		per case 2.00
Mexican Ivy		.75
Leucothoe Sprays		.75

JOHN KRUCHTEN CO.

WHOLESALE FLORISTS

162 N. Wabash Ave., L. D. PHONE, CENTRAL 8016 8017 CHICAGO, ILL.

CHRISTMAS PLANTS

For the Holiday Trade We Have the Following to Offer:

Begonia Glory of Cincinnati and Begonia Melior

3-inch, in bud and bloom	\$ 25.00 per 100
4-inch, in bud and bloom	\$40.00 and 50.00 per 100
5-inch, in bud and bloom	75.00 and 100.00 per 100
6-inch, in bud and bloom	\$1.00, \$1.50 and \$2.00 each

New Begonia Mrs. J. A. Peterson

Strong 3-inch, in bud and bloom	\$ 30.00 per 100
Strong 4-inch, in bud and bloom	50.00 per 100
Strong 5-inch, in bud and bloom	\$75.00 and 100.00 per 100
Strong 6 inch, very large plants	\$1.50 and \$2.00 each

Our Begonias have been late in blooming out this season, but they will be just right for the Christmas Trade.

Asplenium Nidus Avis (Bird's Nest Fern)

Choice plants.....\$1.00, \$1.50, \$2.50 and \$3.00 each

NO MORE CYCLAMENS

Our Six Houses All Sold Out.

ADIANTUM FARLEYENSE, nicely furnished plants, 4-in. pots (only) \$50.00 per 100

This is the finest and most aristocratic fern under cultivation.

We shall be obliged to make the small charge of 25c for each crate and packing, owing to the increased cost of materials. We shall be pleased to have your esteemed orders early, so that we may select the plants for you, and ship when desired.

Cash with order from unknown correspondents.

J. A. PETERSON & SONS
3132 McHenry Ave., Westwood, CINCINNATI, O.

CHRISTMAS BASKETS

LAST CALL

Order Today---- Don't Wait---- Please Hurry.



YOU will find it to your advantage to buy your baskets from us now while these offers are good, for they are made up especially for the busy florist and include those most suitable for the holiday season. These assortments consist of baskets that can be used for all the Cut Flowers and Plants in season from Violets to American Beauties, Cyclamens and Begonias to Azaleas, Crotons and all other blooming and decorative plants. Look over these three special offers carefully and send us your orders as quickly as possible after you have made your selection.

OFFER 1—

The Autumn Special

25 cut flower baskets,
assorted styles, with liners.

\$7.50

OFFER 2—

The Holiday Special

(Liners extra—at cost.)

50 plant and cut flower baskets

\$25.00

OFFER 3—

The Christmas Special

Liners included.

1 Doz. Cut Flower Baskets, \$7.50

1 Doz. Cut Flower Baskets, 5.40

The baskets in offer 3 are decorated with relief and hand painted.
The assortments are the same, the difference being in size only.

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

RAEDLEIN BASKET CO.

713 Milwaukee Avenue, CHICAGO, ILL.

HEAVY CROP OF FINE
GARNATIONS
FOR CHRISTMAS

Short Carnations—Our Selection.....\$40.00 per 1000
Fancy Carnations—Our Selection..... 60.00 per 1000

ROSES

Big Supply of American Beauties, Russell, Hoosier Beauty, Richmond,
Killarney, Killarney Brilliant, White Killarney, Sunburst and Ward.

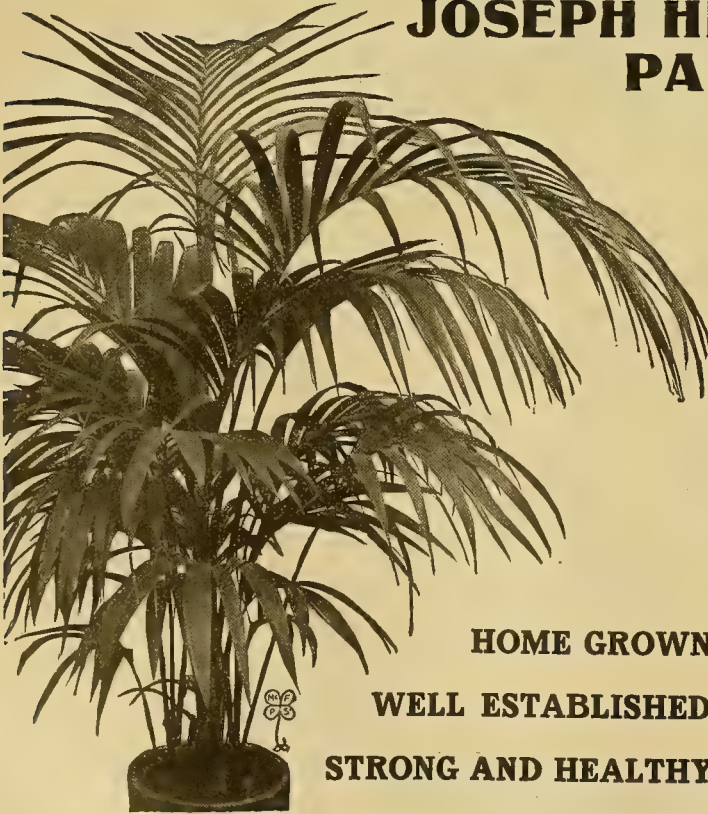
Sweet Peas, Violets, Valley, Orchids and all other Cut Flowers and Greens, including the best Boxwood obtainable.

✎ Write for Special Christmas Price List—Ready Now. ✎

E. C. AMLING CO.

The Largest, Best Equipped, Most Centrally
Located Wholesale Cut Flower House in Chicago.

174-6 North Wabash Ave., L. D. Phones CHICAGO
Central 1977-1978



**JOSEPH HEACOCK COMPANY'S
PALMS AND FERNS**

KENTIA BELMOREANA.

	Leaves	In. high	Each	Per doz.
2½-in. pot	.....4	.....8-10.....		\$ 1.50
3-in. pot	.....5	.....12		2.50
4-in. pot	.....5-6.....	.....15	.....\$ .45	5.00
5-in. pot	.....6-7.....	.....18-20.....	......75	9.00
6-in. pot	.....6-7.....	.....22-24.....	.....1.00	12.00
6-in. pot	.....6-7.....	.....26-28.....	.....1.50	18.00
6-in. pot	.....6-7.....	.....30	.....2.00	24.00
7-in. cedar tub	.....6-7.....	.....34-36.....	.....3.00	36.00
7-in. cedar tub	.....6-7.....	.....38-40.....	.....4.00	48.00
9-in. cedar tub	.....6-7.....	.....40-42.....	.....5.00	60.00
9-in. cedar tub	.....6-7.....	.....42-48.....	.....6.00	

KENTIA FORSTERIANA.

	Leaves	In. high	Each	Per doz.
6-in. pot	.....5-6.....	.....24	.....1.00	12.00
6-in. pot	.....5-6.....	.....30-32.....	.....1.50	18.00

KENTIA FORSTERIANA, Made-Up.

	In. high	Each
7-in. cedar tub, 4 plants in tub	.....30-36.....	\$ 3.00
7-in. cedar tub, 4 plants in tub	.....38-40.....	4.00
9-in. cedar tub, 4 plants in tub	.....40-42.....	5.00
9-in. cedar tub, 4 plants in tub	.....42-48.....	6.00
	Ft. high	
9-in. cedar tub, 4 plants in tub	.....4-4½.....	7.50
12-in. cedar tub, 4 plants in tub	.....5	10.00
12-in. cedar tub, 4 plants in tub	.....6-7	18.00
12-in. cedar tub, 5 plants in tub	.....7-8	22.00

HOME GROWN

WELL ESTABLISHED

STRONG AND HEALTHY

CIBOTIUM SCHEIDEL.

9-in. tubs, 5 ft. spread..... Each 5.00

JOSEPH HEACOCK CO.,

Railway Station,
Jenkintown.

Wyncote, Pa.

The Chicago Flower Growers Association



WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS



182 North Wabash Avenue

L. D. Phone Randolph 631

CHICAGO

ORDER YOUR XMAS FLOWERS HERE-YOU CAN'T DO BETTER ELSEWHERE

Christmas Price List

IN EFFECT DECEMBER 18.

ORCHIDS Per doz.
Cattleyas\$12.00

AMERICAN BEAUTY

Per doz.
Extra long stems.....\$10.00
Stems 48 inches.....9.00
Stems 30 to 36 inches.....\$ 7.00 to 8.00
Stems 24 inches.....6.00
Stems 18 to 20 inches.....4.00 to 5.00
Stems 12 inches.....1.50
Short Stems.....100, \$8.00

ROSES

Per 100
Mrs. Russell, special.....\$30.00 to \$35.00
" " select.....25.00
" " medium.....15.00 to 20.00
" " short.....10.00 to 12.00
Richmond, special.....25.00
" " select.....15.00 to 20.00
" " medium.....10.00 to 12.00
" " short.....6.00 to 8.00
Milady, special.....25.00
" " select.....15.00 to 20.00
" " medium.....10.00 to 12.00
" " short.....6.00 to 8.00
Killarney Brilliant, special.....18.00
" " select.....15.00 to 18.00
" " medium.....10.00 to 12.00
" " short.....6.00 to 8.00
Ophelia, special.....20.00
" " select.....15.00 to 18.00
" " medium.....10.00 to 12.00
" " short.....6.00 to 8.00
White Killarney, special.....15.00
" " select.....12.00
" " medium.....10.00
" " short.....6.00 to 8.00
Killarney, special.....20.00
" " select.....15.00 to 18.00
" " medium.....10.00 to 12.00
" " short.....6.00 to 8.00
Mrs. Ward, special.....18.00
" " select.....15.00
" " medium.....10.00 to 12.00
" " short.....6.00 to 8.00
Sunburst, special.....20.00
" " select.....15.00 to 18.00
" " medium.....10.00 to 12.00
" " short.....6.00 to 8.00
Tipperary, special.....20.00
" " select.....15.00 to 18.00
" " medium.....10.00 to 12.00
" " short.....6.00 to 8.00
Cecile Brunner.....2.00 to 4.00
Elgar.....2.00 to 4.00
Baby Doll.....3.00 to 4.00
Fireflame.....\$4.00, 6.00 and 8.00

Extra special roses billed accordingly.

ROSES, OUR SELECTION.....6.00

CARNATIONS

Red.....\$8.00 to \$10.00
White and Pink.....6.00
Our selection.....5.00

MISCELLANEOUS

Violets.....\$ 1.50 to \$ 2.00
Valley.....6.00
Easter Lillies.....12.50 to 15.00
Stevia.....1.50 to 2.00
Snapdragon.....per bunch, 75c
Calendulas.....3.00 to 4.00
Paper Whites.....3.00 to 4.00
Daisies.....1.00 to 2.00
Poinsettias,
fancy, per doz., \$2.00 to \$4.00.
Mignonette.....6.00 to 8.00
Roman.....3.00 to 4.00
Strawflower, per bunch, 35c to 50c
Callas.....\$2.00 to \$2.50 per doz.

DECORATIVE

Plumosus strings.....\$0.50 to \$0.75
Plumosus.....per bunch .35 to .50
Sprenger......25 to .50
Adiantum, fancy long.....per 100, 1.00
Ferns.....per doz., \$2.00 to \$2.50
Galax.....per 1000, 2.50
Mexican Ivy.....1.00
Leucothoe sprays......75c
Mistletoe, per lb......25c
Boxwood, per lb., 25c; cases, \$7.50.
Red Winter Berries, extra large box, \$3.00.
Subject to market changes.

Seventy-five Expert Growers Producing Everything
Sold in the Chicago Wholesale Market Consign Their
Stock Here Which Enables Us To Fill All Orders in
Full At All Times.

A Few of Our Many Offerings:

**BEAUTIES--RUSSELL--MILADY
RICHMOND--OPHELIA**

**Killarney Brilliant Killarney
White Killarney Ward
Tipperary Sunburst**

Cecile Brunner

Baby Doll Fireflame Elgar

Lilies Violets Sprenger

Carnations Ferns

Orchids Stevia

Daisies Valley

Snapdragons Smilax

Mignonette Galax

Poinsettias Boxwood

Callas Romans

Mistletoe Leucothoe Sprays

Strawflowers Paper Whites

Calendulas Mexican Ivy

Plumosus Red Winter Berries

Select What You Need From This List and Send Your Order To Us As Early As Possible.
We handle nothing but strictly fresh home-grown stock and will be pleased to hear favorably
from you in regard to your Christmas Supply. ORDER HERE-YOU CAN'T DO BETTER ELSEWHERE.

CHRISTMAS FLOWERS

BEAUTIES, ROSES and CARNATIONS will be our leaders, but we will have a good supply of stock in general for Christmas, and will be able to take care of you in fine shape in both Cut Flowers and Greens. Our supply of Richmond roses will be very big and we also have an enormous stock of Extra Fancy Red Carnations. **Yours For a Square Deal.**

CHRISTMAS PRICE LIST.

AMERICAN BEAUTY Per doz.		KILLARNEY BRILLIANT		MISCELLANEOUS—Cont.	
Extra long stems.....	\$10.00	WHITE KILLARNEY, KILLARNEY, MRS.		Calendulas	2.00 to 4.00
Stems 48 inches.....	9.00	WARD, SUNBURST AND OPHELIA.		Paper Whites	3.00 to 4.00
Stems 30 to 36 inches.....	\$ 7.00 to 8.00			Daisies	1.50 to 2.00
Stems 24 inches.....	6.00			Snapdragons	per bunch .75
Stems 18 to 20 inches.....	4.00 to 5.00	Special	\$20.00	Mignonette	6.00 to 8.00
Stems 12 inches.....	2.50 to 3.00	Select	\$15.00 to 18.00	Poinsettias, fancy...per doz.	2.00 to 5.00
Short stems	100, \$8.00	Medium	10.00 to 12.00	Romans	3.00 to 4.00
MRS. CHAS. RUSSELL Per 100		Short	6.00 to 8.00	Callas	per doz. 2.00
Special	\$30.00 to \$35.00	Cecile Brunner	\$ 2.00 to \$ 4.00	Sweet Peas	1.50 to 2.00
Select	25.00	Elgar	2.00 to 4.00	GREENS.	
Medium	15.00 to 20.00	Baby Doll	2.00 to 4.00	Asp. plumosus...per string	\$0.50 to \$0.75
Short	10.00 to 12.00	ROSES, OUR SELECTION.....	8.00	Asp. plumosus sprays...bunch	.35 to .50
HOOSIER BEAUTY.		Extra special roses billed accordingly.		Sprengeri	per bunch .35 to .50
Extra special	\$30.00	CARNATIONS.		Adiantum	per 100 1.00
Special	\$20.00 to 25.00	Red	\$8.00 to \$10.00	Smilax, choice	per doz. 1.50 to 2.00
Select	10.00 to 15.00	White or Pink	6.00	Fancy ferns	per 1,000 2.50
Short	8.00	Our Selection	5.00	Galax leaves	per 1,000 1.25
RICHMOND AND MILADY.		ORCHIDS.		Wild Smilax	per case 5.00
Special	Per 100 \$25.00	Cattleyas	Per doz. \$12.00	Boxwood	
Select	\$15.00 to 20.00	MISCELLANEOUS.		...per lb., 25c; 50-lb. case	7.50
Medium	10.00 to 12.00	Violets	Per 100 \$ 1.50 to \$ 2.00	Red Winter Berries.....	
Short	6.00 to 8.00	Valley	\$ 1.50 to \$ 2.00	Mexican Ivy .....	.75
		Easter Lilies	12.50 to 15.00	Leucothoe Sprays .....	.75
		Stevia	1.50 to 2.00	Mistletoe	per lb. .25
		Strawflowers	per bunch .25 to .35	Original case	25 lbs. 4.50

ERNE & KLINGEL

30 East Randolph Street,

Wholesale Florists

Long Distance Phone 6578

CHICAGO, ILL.

Boxwood

Per 50-lb. Case

\$7.50

100 lbs., \$14.00.

BABY BOXWOOD

50-lb. Case, \$6.50.

Mistletoe

Extra Quality—Per lb., 30c; 10 lbs., \$2.65; 25 lbs., \$5.75.

Ordinary Quality—Per lb., 25c; 10 lbs., \$2.25; 25 lbs., \$5.00.



WRITE
OR
WIRE

Don't Be Late.

For Latest Prices

VAUGHAN'S XXX HOLLY

Bouquet Green, Bulk

Bouquet Green Wreathing

Evergreen and Holly Wreaths

Japanese Roping, Immortelles and all Xmas Stock.

CHICAGO

VAUGHAN'S SEED STORE

NEW YORK

BIG CROPS

RUSSELL AND RICHMOND

FOR CHRISTMAS

Positively the Largest and Finest Supply of Russell and Richmond roses in the country, in All Grades at the Most Reasonable Prices.

ALSO FINE SUPPLY

American Beauty, Ophelia, Sunburst, My Maryland, Milady, Killarney, White Killarney, Killarney Brilliant.

CARNATIONS

Heaviest supply we ever had for Christmas in Red, White and Pink.
Enough for everyone, so order here. Fancy Sweet Peas, Violets, Lilies, Lily of the Valley, Stevia, and complete line of Greens.

Remember, when ordering, that we have the best stock obtainable in the Chicago market at the prices quoted.

Buy Direct From The Grower.

CHRISTMAS PRICE LIST

Subject to Change Without Notice.

AMERICAN BEAUTIES		Per doz.	Killarney		Per 100
60-inch stems.....		\$10 00	White Killarney.....	Specials	\$20 00
48-inch stems.....		9 00	Killarney Brilliant	Select	\$15 00 to 18 00
36-inch stems.....		8 00	Sunburst	Medium	10 00 to 12 00
30-inch stems.....		7 00	My Maryland.....	Short	6 00 to 8 00
24-inch stems.....		6 00	Ophelia		
20-inch stems.....		\$4 00 to 5 00			
MRS. CHAS. RUSSELL		Per 100	ROSES, OUR SELECTION		Per 100
Specials		\$30 00 to \$35 00			\$ 6 00
Select		25 00	Carnations, red		8 00
Medium		\$15 00 to 20 00	white and pink.....		6 00
Short		10 00 to 12 00			
RICHMOND		Per 100	Harrisii .....per doz.,	\$12 50 to \$15 00	
Specials		\$25 00	Valley		6 00
Select		\$15 00 to 20 00	Violets		1 50 to 2 00
Medium		10 00 to 12 00	Stevia		1 50 to 2 00
Shorts		6 00 to 8 00	Sweet Peas		1 50 to 2 00
MILADY		Per 100	Smilax .....per doz. strings		2 00 to 2 50
Specials		\$25 00	Adiantum		1 00 to 1 50
Select		20 00	Asparagus, per bunch.....	50c to 75c	
Medium		\$15 00 to 18 00	Ferns, per 1000.....	\$2 50	
Short		8 00 to 12 00	Boxwood .....per bunch, 25c		
			Galax, bronze and green, per 1000,	\$1 25	
			Leucothoe Sprays		75c to 1 00

2,000,000 Feet of Modern Glass

PETER REINBERG

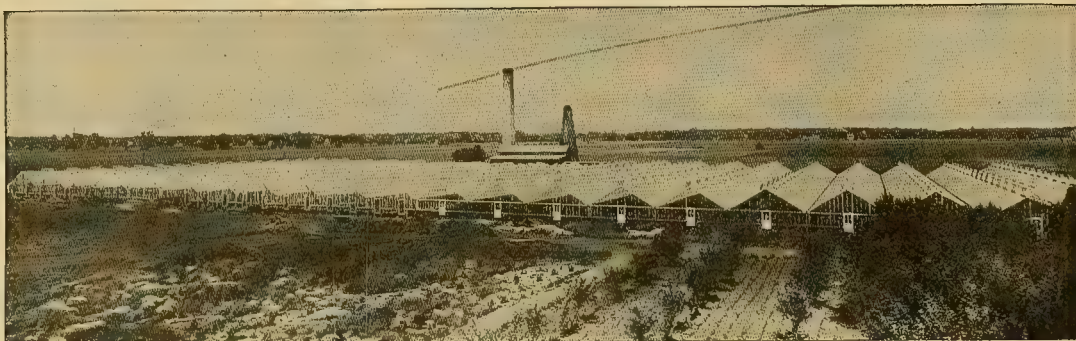
30 East Randolph St.,

LONG DISTANCE PHONES
CENTRAL 601 and 2846

CHICAGO

ROSES

Big Crop of Richmond, Ophelia, Ward, Killarney, White Killarney, and Maryland for Christmas.



Also Everything Else You Need in Cut Flowers and Greens; so place your Christmas orders with us.

HOERBER BROS.

Wholesale Growers of Cut Flowers,
162 N. Wabash Avenue,

Long Distance Phones:
Randolph 2758; Automatic 41-770.

CHICAGO

BOXWOODS!

AUCUBAS AND LAURUS CERASUS.

Magnificent Supply of Choice Stock—Big Value—Order Now.



Pyramid-shaped:	BOXWOODS.
18 to 24 inches.....	\$1.00 to \$1.25 each
2 ft.	2.00 each
3 ft.	3.00 each
3½ ft.	3.50 each
4 ft.	4.00 each
5 ft.	8.00 each
6 ft.	15.00 each

Bush shaped, 10 in.....	25c each
Bush shaped, 10 to 12 inches.....	35c each
Bush shaped, 15 inches.....	50c each
Standards, 18-in. stem, 15-in. crown.....	\$2.00 each
Globe.....	\$4.00, \$5.00 and \$6.00 each
AUCUBAS—(Japonica variegata), Semi-hardy evergreen shrub, 18 to 24 in.....	\$1.00 each
LAURUS CERASUS—(English Laurel), hardier than bay trees, 18 to 24-in.....	\$1.00 each

MISCELLANEOUS PLANTS.

ASPIDISTRA ELATIOR.
Tall, fine plants, green-leaved, at 10c per leaf; variegated at 15c per leaf. The plants are in 5 and 6-inch pots and have from 8 to 12 leaves each.

ASPARAGUS SPRENGERI.
3-inch at \$5.00 per 100.

ASSORTED FERNS.
2¼-inch, \$3.00 per 100.

DRACAENA FRAGRANS.
4-inch, bushy stock, at \$3.00 per doz.

POINSETTIAS.
For Christmas Flowering.
5-inch at 25c. 6-inch at 35c.
Made up 7-inch pans at 75c.
Made up 8-inch pans at \$1.00 and \$1.25.
Made up 9-inch pans at \$1.50 and \$2.00.
Made up 10-inch pans at \$2.00 and \$2.50.

JERUSALEM CHERRIES.
4-in., stocky, at \$1.00 per doz.; \$8.00 per 100.

CROTONS.
4-in., assorted, bright colors, at \$3.60 per doz.
5-in., assorted, bright colors, at \$6.00 per doz.

BOSTON FERNS.
5-inch at \$2.40 and \$3.00 per doz.
6-inch at \$4.20 and \$6.00 per doz.
7-inch at \$9.00 per doz.
8-inch at \$12.00 per doz.
9-inch at \$15.00 per doz.
10-inch at \$18.00 per doz.
Aspidium cyrtomium and pteris, assorted,
3-in. at \$6.00 per 100; 4-in. at \$9.00 per 100.

PALMS.
Cocos Weddelliana, 2-inch at \$1.75 per doz.; \$14.00 per 100, 3-in. at \$2.50 per doz.

MISCELLANEOUS.
Ficus Nitida, 4-in., per doz.....\$3.00
Kentia Belmoreana, 5-in., per doz.....9.00
English Ivy, 4-in., per doz.....1.50
Aspidium Tsussumense, 3½-in., per doz....1.00

The George Wittbold Co.

745 Buckingham Place,

LONG DISTANCE PHONE:
GRACELAND 1112

CHICAGO, ILL.

HEAVY
SUPPLY!HEAVY
SUPPLY!

BEAUTIES

Heavy supply of exceptionally fine flowers in all grades—Perfect heads of fine color on good strong stems well laden with clean and healthy foliage. Our Beauties are the best obtainable in the Chicago Market.

ROSES--CARNATIONS

You can get what you want here in large or small quantities in all the desired varieties mentioned in our price list below. It will be to your advantage to place your orders with us for we have both quantity and quality, and will treat you right.

Orchids-Violets-Valley-Daisies-Stevia-Mignonette-Paper Whites-Romans-Poinsettias-Sweet Peas-Calendulas-Strawflowers-Mistletoe-Boxwood-Red Berries-All Green Goods.

Our Christmas Supply This Year Will Be the Largest, Finest and Most Complete Ever. Remember, You Will Buy Right If You Place Your Christmas Orders With Us.

CHRISTMAS PRICE LIST

AMERICAN BEAUTY	Per doz.
Extra long stems.....	\$10.00
Stems 48 inches.....	9.00
Stems 30 to 36 inches.....	\$ 7.00 to 8.00
Stems 24 inches.....	6.00
Stems 18 to 20 inches.....	4.00 to 5.00
Stems 12 inches.....	2.50 to 3.00
Short Stems.....	100. \$8.00

MRS. CHAS. RUSSELL	Per 100
Special.....	\$30.00 to \$35.00
Select.....	25.00
Medium.....	15.00 to 20.00
Short.....	10.00 to 12.00
Hoosier Beauty, extra special.....	30.00
" " special.....	20.00 to 25.00
" " select.....	10.00 to 15.00
" " short.....	8.00

ROSES	
Richmond, special.....	\$25.00
" select.....	\$15.00 to 20.00
" medium.....	10.00 to 12.00
" short.....	6.00 to 8.00
Milady, special.....	25.00
" select.....	15.00 to 20.00
" medium.....	10.00 to 12.00
" short.....	6.00 to 8.00
Killarney Brilliant, special.....	20.00
" select.....	15.00 to 18.00
" medium.....	10.00 to 12.00
" short.....	6.00 to 8.00
Ophelia, special.....	\$20.00
" select.....	\$15.00 to 18.00
" medium.....	10.00 to 12.00
" short.....	6.00 to 8.00

ROSES—Continued.	Per 100
White Killarney, special.....	20.00
" " select.....	15.00 to 18.00
" " medium.....	10.00 to 12.00
" " short.....	6.00 to 8.00
Killarney, special.....	20.00
" select.....	15.00 to 18.00
" medium.....	10.00 to 12.00
" short.....	6.00 to 8.00
Mrs. Ward, special.....	20.00
" select.....	15.00 to 18.00
" medium.....	10.00 to 12.00
" short.....	6.00 to 8.00
Sunburst, special.....	20.00
" select.....	15.00 to 18.00
" medium.....	10.00 to 12.00
" short.....	6.00 to 8.00
Cecile Brunner.....	2.00 to 4.00
Elgar.....	2.00 to 4.00
Baby Doll.....	2.00 to 4.00

ROSES, OUR SELECTION..... 7.00
Extra special roses billed accordingly.

CARNATIONS.	
Red.....	\$ 8.00 to \$10.00
White or Pink.....	6.00
Our Selection.....	5.00

ORCHIDS.	Per doz.
Cattleyas.....	\$12.00
Vandas, fine large sprays, 25c per flower.	
Dendrobiums and Oncidium at Market Prices.	

MISCELLANEOUS.	Per 100
Violets.....	\$ 1.50 to \$ 2.00
Valley.....	6.00
Easter Lilies.....	12.50 to 15.00
Stevia.....	1.50 to 2.00
Strawflowers.....per bunch	.25 to .35
Calendulas.....	2.00 to 4.00
Paper Whites.....	3.00 to 4.00
Daisies.....	1.00 to 2.00
Snaydragons.....per bunch	.75
Mignonette.....	6.00 to 8.00
Poinsettias, fancy.....per doz.	2.00 to 4.00
Romans.....	3.00 to 4.00
Callas.....per doz.	2.00
Sweet Peas.....	1.50 to 2.00

GREENS.	
Asp. plumosus.....per string	\$0.50 to \$0.75
Asp. plumosus sprays.....bunch	.35 to .50
Sprenger.....per bunch	.35 to .50
Adiantum.....per 100	.75 to 1.00
Smilax, choice.....per doz.	1.50 to 2.00
Fancy ferns.....per 1,000	2.50
Galax leaves.....per 1,000	1.25
Wild Smilax.....per case	5.00
Boxwood.....per lb., 25c; 50-lb. case...	7.50
Red Winter Berries.....\$2.00 to \$3.00 per case	
Mexican Ivy.....	.75
Leucothoe Sprays.....	.75
Mistletoe.....per lb.	.25
California Holly, 45c lb.; 10 lbs., \$3.50; 20 lbs., \$6.00.	

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave, Chicago

J. J. COAN, Inc.

Wholesale Florist

115 West 28th Street,

NEW YORK

Phones Farragut 5413 and 5891.

Everything in Cut Flowers

IN ROSES

Russell

Ophelia

Prince E. C. d' Arenberg

Milady

All The Killarneys

Maryland

Scott Key

Hadley

Hoosier Queen

Hoosier Beauty

Carnations

Forget-Me-Nots

Mignonette

Sweet Peas in Variety

White and Yellow Narcissus

Pansies

Poinsettias

Best Chrysanthemums

IN PLANTS

Azaleas

Begonias

Boston Ferns

Special Xmas Price List

CORSAGE BOXES.	
Sizes	Per 100
12x9x6 inches	\$6.00
10x7x5 inches	4.50

CORSAGE RIBBONS.	
No. 7—1½ inch wide, can be had in all popular shades (10 yds. to bolt).	
Each	\$0.65
12 bolts or more at.	.62½

CORSAGE FOIL.	
Can be had in either green or violet color.	
Per lb.	\$0.35
10 lbs. and over at.	.30

CORSAGE PINS—4½ Inches Long.	
With glass heads, any color.	
Per gross	\$1.25

JAPANESE ROPING.	
Can be used to many advantages for your Xmas trade. A sure seller when seen. (60 yards to a ball.) (Red or green.)	
Large size	\$1.00
Medium size	.75
Small size	.50

AIR PLANT.	
Per dozen bu.	\$1.00
Per 100 bu.	8.00

PINE CONES.	
Extra choice quality, with stems and most desirable of all kinds of Xmas decorations.	
Price per 100	only \$2.00
Each	
Less than 100 lots at.	\$0.02½
Less than 50 lots at.	.03

XMAS GREENS.	
20 yds. to coil, per coil.	.75c to \$1.00

GREEN SHEET MOSS.	
Per bale (of 5 bundles)	\$1.25
Per 5 bundle lots for	6.00

RED CYCAS LEAVES.		
Sizes.	Pkg. of 10	Per 100
8 to 12 inches	\$0.45	\$3.50
12 to 16 inches	.60	5.00
16 to 20 inches	.75	7.00
20 to 24 inches	.95	9.00
(50 Cycas at 100 rate—10 to pkg.)		

MAGNOLIA LEAVES.	
Prepared Magnolias, per box (about 1,000 leaves).	
Brown	\$1.35
Purple	1.35
Green	1.40
Red	1.60

PREPARED OAK SHRUBS.	
(In cartons.)	
Can be had in red or green.	
Price per carton	\$1.50

IMMORTELLES.	
	Per Bunch Per Doz. Bunches
Any color, best quality	\$0.30 \$3.00

MISTLETOE.	
Best quality selected stock.	
Per lb.	\$0.25
5 lbs for	1.00
25 lbs. for	3.50

RUSCUS.	
AA-1 quality, Holly Red Ruscus. Guaranteed not to mould.	
Per lb.	\$0.75

VELVET POINSETTIAS.	
These are made of a perfect shade of "Xmas Red" Velvet of fine quality, long stems with green foliage. A sure seller for the Holiday trade.	
Per dozen	\$1.20
Per gross	13.50

Complete list of all other supplies mailed free.

CREPE PAPER AND POT COVERS.		
	Per Doz.	Per 100
Waterproof (all colors)	\$2.60	\$20.00
Pebbled, pleated (all colors)	2.00	15.00

XMAS RED RIBBON.	
With green edge.	
A good satin taffeta. Very appropriate for Xmas decorations. (10 yds. to bolt.)	
No. 40	\$1.30
No. 60	1.45
No. 80	1.60

CHRISTMAS RIBBON.		
No. 1½ Poinsettia and Holly Ribbon (50 yards to spool)	Each \$0.75	Dozen \$2.00
No. 1½—10 yds.	\$0.20	2.00
No. 2 —10 yds.	.25	2.50
No. 3 —10 yds.	.40	4.25
No. 7 —10 yds.	.60	6.50
No. 9 —10 yds.	.75	8.50
No. 12 —10 yds.	.90	10.00

CHRISTMAS TAPE.	
For tying packages, etc., 1,000 yards to spool	\$2.50

FIBRE RIBBONS.	
1-inch wide—50 yards to bolt.	
Red, moss and pink	\$1.25
All other colors, per bolt	1.00

XMAS CARDS.	
Per 100	\$0.50
Per 500	2.25
Per 1000	4.00

PLAIN CARDS.		
Put up 100 to a package, 500 cards to a box.	Per 500	Per 1000
No. 88	\$.60	\$1.00
No. 55	.80	1.25
No. 48	1.00	1.50

GEO. H. ANGERMUELLER, Wholesale Florist
1324 PINE STREET, ST. LOUIS, MO.

Traendly & Schenck

436 SIXTH AVENUE, Phones Farragut 797-798-799 NEW YORK CITY

— A N N O U N C E —

with our usual confidence that at our place will be found the best—and the best and finest only—for the following high-class

ROSES

American Beauty
Hoosier Beauty
Hadley

Shawyer

Sunburst

Mock

Stanley

Ophelia

Ward

White Killarney

Radiance

Maryland

Pink Killarney

Killarney Brilliant

Exceptionally fine SWEET PEAS, and many of those nice novelties required in an up-to-date establishment.

CARNATIONS

All the good kinds and of superior quality. Trianae, Percivaliana and all commercial

VIOLETS

CATTLEYS

varieties of sprays in season.

TRAEDLY & SCHENCK, 436 Sixth Ave., NEW YORK CITY

NEAR 26th STREET

Phones Farragut 797-798-799

Christmas Supplies

Boxwood Sprays

The best selected stock.

Per lb., 20c; per 50 lbs., \$7.50; per 100 lbs., \$14.00.

Magnolia Leaves

Red, per carton.....\$2.00

Bronze, Green and Purple, per carton..... 1.50

Immortelles

Red, Yellow, Blue, Purple, White.

Per doz. bunches, \$3.00; Per 100 bunches, \$23.00

Japanese Frieze Roping

Red and Green—60 yards to the roll.

Heavy, per roll, 75c.

Per doz. rolls, \$8.00.

Southern Wild Smilax

Per case.....\$5.00

5 case lots, per case..... 4.50

10 case lots, per case..... 4.00

Water Proof Crepe Paper

All colors.

Per roll, 25c.

Per doz. rolls, \$3.00.

Per 100 rolls, \$20.00.

Crimped Wire Rings

For making up Christmas Wreaths.

Per 100

Per 100

10 inch.....\$0.90 16 inch.....\$1.40

12 inch..... 1.00 18 inch..... 1.60

14 inch..... 1.25

C. E. CRITCHELL

The Wholesale Florist of Cincinnati

15 East Third Street,

Cincinnati, O.

American Beauties FOR CHRISTMAS

Our crop will be in just right. Let us have your order for all the long you will want. We guarantee you strictly fresh stock.

Woodwardia Ferns.

TRY A FEW. They are a California fern, similar to the Eastern ferns, 3 feet long, very graceful can be used for any occasion, per 100, \$8.00. Also **MAHONIA SPRAYS**, Bronze, per 100, \$5.00.

ORCHIDS, VALLEY, EASTER LILIES, PAPER WHITES, ROSES, CARNATIONS, STEVIA.

GET BUSY--Place Your Order Early, Time Is Getting Short.

Christmas Price List--

IN EFFECT

DECEMBER 18, 1916.

Beauties—Specials	per doz.,	\$12.00
“ 36 to 40 inches	“ “	10.00
“ 28 to 30 inches	“ “	9.00
“ 24 inches	“ “	8.00
Russells—36 to 40 inches	“ “	6.00
“ 28 to 30 inches	“ “	5.00
“ 24 inches	“ “	4.00
“ 20 to 22 inches	“ “	3.00
“ 18 inches	“ “	2.50
“ Short	per 100,	\$12.00 to 15.00
Francis Scott Key—Long	per doz.,	6.00
“ “ Medium	“ “	\$ 3.00 to 4.00
“ “ Short	per 100,	12.00 to 16.00
Hoosier Beauties—Long	per doz.,	4.00
“ “ Medium	“ “	2.00 to 3.00
“ “ Short	“ “	1.50
Milady—Extra long	per 100,	35.00 to 40.00
“ Long	“ “	30.00
“ Medium	“ “	20.00 to 25.00
“ Short	“ “	12.00 to 15.00
Richmonds—Extra long	“ “	35.00
“ Long	“ “	25.00 to 30.00
“ Medium	“ “	18.00 to 20.00
“ Short	“ “	12.00 to 15.00
Brilliant { Extra long	“ “	30.00 to 35.00
Sunburst { Long	“ “	25.00
“ Medium	“ “	15.00 to 20.00
Opheia { Short	“ “	10.00 to 12.00
Short Roses—Our selection	“ “	6.00 to 8.00
White Killarney { Extra long	“ “	28.00 to 30.00
Killarney { Long	“ “	25.00
“ Medium	“ “	15.00 to 20.00
Aaron Wards { Short	“ “	10.00 to 12.00
Cattleyas	per doz.,	12.00
Cypripedium	“ “	3.00 to 4.00
Phalaenopsis	“ “	2.00

MINIATURE ROSES—

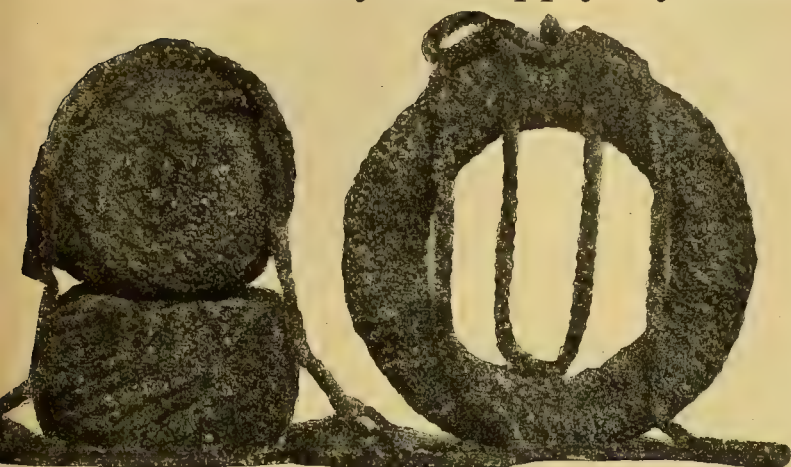
Geo. Elgar	per 100,	3.00
Cecile Brunner	“ “	4.00
Baby Doll	“ “	4.00
Fireflame	“ “	6.00 to 10.00
CARNATIONS—		
Red—Fancy	“ “	12.00
C. W. Wards	“ “	10.00 to 12.00
Pink and White	“ “	8.00 to 10.00
Our Selection	“ “	6.00 to 8.00
Split—Our Selection	“ “	4.00
Valley—Fancy	“ “	8.00
“ Medium	“ “	6.00 to 7.00
“ Short	“ “	5.00
Paper Whites	“ “	3.00 to 4.00
Stevia	“ “	2.00
Easter Lilies	“ “	12.00 to 15.00
Violets	“ “	2.00
Sweet Peas	“ “	2.00
Snapdragon	per doz.,	1.00 to 2.00
Poinsettias	“ “	2.00 to 4.00
Smilax	“ “	2.00
Plumosus	per 100,	3.00
Sprenger	“ “	3.00
Adiantum	“ “	1.00
“ Hybridum	“ “	1.00
Galax, green and brown	“ “	1.00
Galax, green and brown	per 1,000,	1.00
Leucothoe	per 100,	1.00
Mexican Ivy	“ “	1.00
Flat Ferns	“ “	1.00
“ “	per 1,000,	2.00
Boxwood, per bunch, 25c.	case,	7.00
Winter Berries	per box,	2.00
Mistletoe	per lb.,	1.00
“ 5 lbs. or over	per lb.,	1.00

POEHLMAN

72-74 E. Randolph St.,

ORDER NOW!

You will need these items before the rush is over so insure your supply by ordering immediately.



JAPANESE Frieze Roping

Red, Green, White

Per ball of 60 yards, each, - - 75c
Per 12 balls, - - - - - \$8.00

Ask for prices on large lots. Order early and make your own wreaths.

RED FRIEZE WREATHS.

12-inch, Limousine Wreath, per doz. - - \$1.20	12-inch, outside measure, - per doz. - - 2.50
14-inch, Limousine Wreath, " " - - 1.50	14-inch, outside measure, - " " - - 3.00
16-inch, outside measure, " " - - 2.00	16-inch, outside measure, - " " - - 4.00

RED RUSCUS.

Per Pound, 75 cents; 100 Pounds, per pound, 60 cents.

BEST EASTERN HOLLY.

Per standard case, - - - \$ 5.00 Per 6 cases, - - - \$25.00

Write for quotations on large quantities.

Large Velvet Poinsettias, per dozen, - \$1.00.

STRAWFLOWERS.

Perfectly blended colors—long stemmed—fine for basket work, \$2.00 per 100

Red and Green Waterproof Crepe Paper.

Per Roll, 25 cents.

PORTO RICAN MATS, per dozen, - \$2.00

N BROS. CO.

Long Distance Phone,
Randolph 35.

CHICAGO, ILL.



MISCELLANEOUS PLANTS.

Pandanus Veitchii , 4-in. pot,	Each	Asparagus Sprengeri , 3-in. pots, per 100,	6.00
" " 6-in. pot,	\$0.35	" " 4-in. pots, per 100,	10.00
" " 7-in. pot,	\$0.75 to 1.00	Asparagus Plumosus , 2½-in. pots, per 100,	3 50
" " 8-in. pot,	1.25	Table Ferns , 2½-in. pots, per 100,	3.50
Crotons , 4-in. pot,	2.00	" " 3-in. pots, per 100,	8.00
" 5-in. pot,	.40	" " 4-in. pots, per 100,	15.00
Rubber Plants , 5-in. pot,	.60		
" 7-in. pot,	\$0.50 to .75	English Ivy , 4-in.	Each 0.15
	\$1.00, \$1.50, 2.00	Holly Ferns , 5-in.	0.25

BOXWOOD, 15-18-20-in., 50c, 60c and 75c Each

HEATHER---Limited Supply. So Place Your Orders Early.

7-inch, \$2.50 to \$3.00 each. Larger Specimens, \$5.00 to \$7.50 each.

Kentias WESTERN Kentias HEADQUARTERS

Largest and most complete stock offered in the West, in a healthy, strong and clean condition.

All previous prices quoted on Palms are hereby cancelled.

KENTIA FORSTERIANA SINGLE PLANTS.

Leaves	Each
6 inch pots 5-6 28 inches high..	\$1.25
6 inch pots 6-7 32-34 inches high..	1.50
6 inch pots 6-7 34-36 inches high..	2.00
8 inch tubs 6-7 40-42 inches high..	3.50
8 inch tubs 6-7 42-46 inches high..	4.00
8 inch tubs 6-7 50 inches high..	5.00
9 inch tubs 6-7 52-56 ins. high hv.	7.00
10 inch tubs 6-7 60 inches high..	8.00
10 inch tubs 6-7 60-65 inches high..	12.00
15 inch tubs 6-7 8 feet high....	40.00
15 inch tubs 6-7 9-10 feet high....	50.00

KENTIA BELMOREANA SINGLE PLANTS.

Leaves ins. high	Per doz.
4 inch pots 5-6 16-18 45c each....	\$5.00
6 inch pots 5-6 24 each	1.25
6 inch pots 5-6 28 each	1.50
8 inch tubs 5-6 42 each	5.00

KENTIA FORSTERIANA MADE UP PLANTS.

Plants	Each
6 inch pots 3 26-28 inches high....	\$2.00
7 inch tubs 3 30-32 inches high....	2.50
8 inch tubs 3 38 inches high....	4.00
8 inch tubs 4 48-50 inches high....	5.00
9 inch tubs 4 52 inches high....	6.00
10 inch tubs 4 54 inches high....	8.00

A Nominal Charge is Made for Packing.

Plants	Each
12 inch tubs 4 60-64 inches high...	12.00
12 inch tubs 4 66 inches high...	15.00
15 inch tubs 4 6-6½ ft. high, heavy	25.00
15 inch tubs 4 75-80 inches high...	30.00

ARECA LUTESCENS.

Plants	Each
6 inch pots 4 bushy. 24-26 ins. high.	\$1.25

ASPIDISTRAS.

5 inch pots 10-12 leaves green.....	\$1.00
6 inch pots 16-20 leaves green.....	1.50
5 inch pots 10-12 leaves var.....	1.50

DRACAENAS.

Plants	Each
Dracaena Massangeana, 8-in.....	\$2.50
" Terminalis, 4-in.....	Per doz. \$4.00
" " 5-in.....	5.00

Poehlmann Bros. Co.

72-74 E. Randolph Street, CHICAGO.

L. D. Phone, Randolph 35.

Hill's Choice Stock

FOR FLORISTS' TRADE

Select your items now and mail in your order.
Our 63 years in business is your guarantee of satisfaction.

MINIATURE XMAS TREES

Roots Balled in Moss		Each	Doz.	100.
12-18 inch	.....	.25	\$2.00	\$12.00
18-24 inch	.....	.35	2.50	17.50
2-3 feet	.....	.45	3.50	25.00

JAPANESE TINY DWARF EVERGREENS

Quaint, dwarf trees in beautiful Japanese pottery. Quick sellers.

		Each	Doz.	100.
8-10 inch (approximate height including pot)	.....	.75	6.50	50.00

HARDY EVERGREENS FOR WINDOW-BOXES, URNS, ETC.

Assorted varieties including Firs, Pines and Spruces.

12-18 inch	\$8.00 per 50;	\$15.00 per 100
------------	-------	----------------	-----------------

BUSH BOX FOR WINDOW-BOXES

		Each	Doz.	100.
10-12 inch, B&B	.....	.30	\$3.00	\$22.50

BOXWOODS (Pyramid Shape)

		Each	Pair	Doz.
2 feet, B&B	.....	\$1.50	\$2.90	\$16.50
2½ feet, B&B	.....	1.60	3.00	17.50
3 feet, B&B	.....	2.25	4.30	24.00
3½ feet, B&B	.....	3.25	6.30	36.00
4 feet, B&B	.....	4.00	7.75	45.00
5 feet, B&B	.....	6.50	12.50	72.00

BOXWOODS—BALL SHAPED

(Clipped Solid)

		Each	Pair	Doz.
12x12 inch, B&B	.....	\$1.75	\$3.25	\$19.50
15x15 inch, B&B	.....	2.35	4.25	25.00
18x18 inch, B&B	.....	3.25	6.25	36.00

BOXWOODS—(Standards)

Straight Stems Each Pair

30-36 in. stem, 15-18 in. cr.	\$4.25	\$6.50
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TAXUS BACCATA (Ball Shaped Yew)

Clipped Solid

		Each	Pair
18x18 inch	\$6.00	\$10.50
21x21 inch	.....	9.50	18.00

ASSORTED EVERGREENS, SUITABLE FOR TUBBING, ETC.

		Each	Pair
Hemlock, 2 ft. B&B	.....	\$2.75	\$5.00
Hemlock, 3 ft. B&B	.....	3.50	6.50
Juniper Glauca, 3 ft. B&B	.....	3.50	6.75
Juniper Glauca, 4 ft. B&B	.....	4.50	8.00
Juniper Schottii, 3 ft. B&B	.....	3.75	7.00
Juniper Schottii, 4 ft. B&B	.....	4.75	9.00
Thuja Occidentalis, 3 ft. B&B	.....	2.75	5.00
Thuja Globosa, 24x24 in. B&B	.....	3.85	7.50
Thuja Globosa, 30x30 in. B&B	.....	4.85	9.50
Juniperus Globosa, 18x18 in. B&B	.....	2.75	5.00

BAY TREES (Laurus Nobilis)

(Tubbed)

		Each	Pair
Standards—			
48-50 in. stem, 36 in. cr.	.....	\$14.00	\$27.00
48-50 in. stem, 40 in. cr.	.....	18.00	35.00
48-50 in. stem, 44-46 in. cr.	.....	27.50	52.50

		Each	Pair
Pyramids—			
5 feet, 24-inch base	.....	8.00	15.00
7 feet, 28-30-inch base	.....	15.00	28.00

SKIMMIA JAPONICA.

Red Berries, B&B—	Each	Doz.	100.
Field Grown, 12-15 inch	.....	.90	\$7.50 \$60.00

AUCUBA VIRIDIS

		Each	Doz.	100.
18-inch, with berries	.....	.80	\$8.00	\$65.00
24-inch, with berries	.....	1.00	11.25	90.00

RHODODENDRON

Dormant stock, well budded, ready for forcing—extra fine. In varieties named below.

		Each	Doz.
18-inch, 8 to 10 buds	.....	.90	\$8.50
Fastuosum.			
Chev. Felix de Sauvage.			
Kate Waterer.			
John Walter.			
Prince Camille de Rohan.			
Pink Pearl—Best of all—			
18-inch, 6 to 8 buds	.....	2.00	\$20.00

HYDRANGEA

Well budded, ready for forcing—

Nice, bushy plants

		Each	Doz.
4 to 6 shoots	.....	.90	\$7.00
Bouquet Rose—rose colored.			
General Vicomtesse de Vibraye—			
(brilliant rose).			
Mme. Emil Mouillere—white.			
Radiant—carmine rose.			

HYDRANGEA OTAKSA

Nice, bushy plants

		Each	Doz.	100.
4 to 6 shoots	.....	.40	\$3.60	\$28.50
7 to 9 shoots	.....	.75	6.00	.....

SPIREA

Strong clumps with large, plump eyes in assortment as below.

Queen Alexandra—pink	} Each	Doz.	100.
Gladstone—white			
Japonica—white			
Multiflora Compacta			
Peach Blossom—Pink		\$.20	\$1.75 \$12.00

LILAC

Ready for forcing. Strong plants well set with buds.

		Each	Doz.
From 7-inch pots—strong	.....	\$1.00	\$10.00
Chas. X—single purple.			
Mme. Lemoine—double white.			
Marie Legraye—single white.			

MAGNOLIA

Dormant plants, well set with buds.

		Each	Pair
Halleana Stellata—double white	.....	\$3.25	\$6.00
Soulangeana—rose colored	.....	3.00	5.50

JAPANESE FLOWERING CHERRY

Well budded—ready for forcing.

		Each	Doz.
Pot grown from 6-inch pots	.....	\$1.00	\$9.00

AZALEA INDICA

Dormant plants for early Winter and Spring flowering. Your selection of varieties in sizes named below.

		Each	Doz.	100
10 to 12 inch diameter	.....	.75	\$ 6.50	\$50.00
12 to 14 inch diameter	.....	.90	8.00	65.00
14 to 16 inch diameter	.....	1.25	11.00	.....
16 to 18 inch diameter	.....	1.75	18.00	.....
18 to 20 inch diameter	.....	2.00	22.00	.....

Early Flowering:—Apollo, Mme. Petrick, Phalaride Mathilde, Vervaeana.

Late Flowering:—De Schryveriana, Empress of India, Mme. Ernest Eechhaute, Mme. Van der Cruyssen, Niobe.

JAPAN MAPLE

Dormant Pot Grown Stock—ready for forcing.			
1½ feet, purple leaved	.....	.70	\$6.00
2 feet, purple leaved	.....	.75	7.00

WISTARIA

Well set with flower buds for forcing.

		Each	Doz.
Chinensis Multijuga (blue)			
2-2½ ft.	.....	.75	\$6.00
Chinensis Multijuga Alba (white)			
2-2½ ft.	.....	.75	6.00

LILY BULBS

Sound and well shaped.

		Per	Per
Lilium Giganteum—		100	Case
7 to 9 in. (280 to case)	.....	\$6.00	\$16.00
8 to 10 in. (250 to case)	.....	9.00	20.00
Lilium Formosum—			
7 to 9 in. (280 to case)	.....	6.75	18.50

PEONIES

		Each	Doz.	100
Strong roots—				
Chinensis—double, pink	.....	.25	\$2.50	\$15.00
Chinensis—double, red	.....	.25	2.50	15.00
Chinensis—double, white	.....	.25	2.50	15.00

ROSES

Baby Ramblers for forcing.

		Each	Doz.	100
2 yr. field grown	.....	.20	\$2.00	\$15.00
Cecile Brunner—rosy pink.				
Ellen Poulsen—brilliant pink.				
Erna Teschendorff—red.				
Mrs. W. Cutbush—bright pink.				
Orleans—geranium red.				

HYBRID PERPETUAL

(Strong, 2 year, low-budded)

		Each	Doz.	100
Dormant, field grown	.....	.20	\$2.00	\$15.00
Alfred Colomb—crimson.				
American Beauty—rose.				
Anne de Diesbach—carmine.				
Baroness Rothschild—light pink.				
Captain Christy—Flesh.				
Clio—satiny pink.				
Fisher Holmes—light crimson.				
Frau Karl Druschki—white.				
Magna Charta—brilliant pink.				
Margaret Dickson—white.				
Marshall P. Wilder—cherry rose.				
Mrs. John Laing—soft pink.				
Paul Neyron—deep rose.				
Prince Camille de Rohan—velvety crimson.				
Ulrich Brunner—cherry red.				
Climbing Roses.				

CLIMBING ROSES

General Jacqueminot—scarlet.
General Washington—red, shaded crimson.
John Hopper—bright rose.
Crimson Rambler—red.
Dorothy Perkins—clear shell-pink.
Excelsa—double, crimson.

THE D. HILL NURSERY CO., Inc.

Evergreen Specialists—Largest Growers in America.

BOX 404,

DUNDEE, ILLINOIS

Heavy Supply of Cut Flowers

For Christmas BEAUTIES-RUSSELLS

**Z M
E A
C & N
H N**

ALL THE LEADING VARIETIES
OF ROSES AND CARNATIONS

Everything Else Seasonable. Also a
complete line of Green Goods. We will
be on the job early and late, so Wire,
Phone or Mail your order in to us.

Always remember when buying that we have both quantity
and quality and that when you order here you always
get the best that the Great Central Market affords.



Remember when ordering that our line is so complete that it
includes every item offered in the Great Chicago Market.

30 E. Randolph St., Long Distance Phones { Central 3283
Central 3284
Automatic 42-965 } **Chicago**

Chicago.

PLACE YOUR CHRISTMAS ORDERS EARLY.

Business the past week has been fairly good, with plenty of stock of all kinds to go around. The shipping trade particularly, has been unusually brisk, but the city demand has been nothing to speak of. The chrysanthemum season is about done and while there is some stock still being offered, the supply as a whole is not very large. Lily of the valley and orchids are having a good call and the same applies to gardenias and American Beauty roses, which are none too plentiful. Mrs. Chas. Russell roses are reaching the market in splendid condition and are cleaning up nicely at satisfactory prices, considering the general market conditions. The demand for stock in general the past week has been principally for red, with pink next and no call to speak of for white except for funeral orders. Everybody is now devoting their attention to the Christmas business and the supply houses in particular are very enthusiastic over the outlook for the holidays and have had an unusually busy week looking after the mail orders and taking care of the wants of the many visitors who have called the last few days. The wholesale plantmen are having a very heavy call for stock and many of the larger dealers have already sold out their entire supply of begonias, cyclamens and poinsettias and have only a few azaleas left to offer. The demand for foliage plants has been good, owing to the scarcity of blooming stock, and it is seldom that the local dealers have sold out Christmas plants so early in the season as they have this year. Azaleas are not as plentiful as they were in other years for Christmas, which accounts for the cleanup in begonias, cyclamens and poinset-

HOLLY

**\$2.25
PER CASE.**

Southern Wild Smilax, per case \$2 50
Dyed Sheet Moss, per bag 100 square feet ... 3 50
Natural Sheet Moss, per bag 100 square feet..... 1 75
Long Needle Pines, assorted sizes 2 to 4 feet, per doz., 1 25
Grey Moss, 25-lb. bags, per bag..... 2 50

E. A. BEAVEN, Evergreen, Ala.

Double Violets

Big supply of the finest stock in the Chicago market;
so send your orders to me. Prices are right.

M. C GUNTERBERG, 158 N. Wabash Ave., Chicago

tias. With the greater part of the plants already disposed of there promises to be a heavy demand for cut flowers and this seems to hold good for the territory in general that depends upon the Chicago market for its supply for many large advance orders from out-of-town have been placed and there have been numerous inquiries for price lists, which all points to good business. The Christmas supply of cut flowers will be as large, if not larger, than ever this year, but the warm weather the past few weeks has hurried along some of the stock and a visit to the leading

greenhouse establishments finds the outlook for large crops very promising, but with favorable weather and the usual demand, a cleanup in all lines can be expected. Those who took advantage of the tip that was given in the market report in this paper for Thanksgiving found it to be to their advantage and the result was exactly as predicted and that was a grand cleanup in all lines. Everyone will do well to place their orders as early as possible, so as to secure their Christmas supply, for stock of all kinds, with possibly one or two exceptions, promises to be scarce, so look

WONDERFUL CROP OF

ROSES

FOR CHRISTMAS

Exceptionally fine Richmond---White and Pink Killarney
Killarney Brilliant--Mrs. Chas. Russell--Sunburst--Ophelia

BEAUTIES

Large Supply of Magnificent Stock in all lengths
at prices ranging from \$4.00 to \$10.00 per Doz.

We Have All the
Standard and
Best New

CARNATIONS

And Can Supply
the Best Grade
in Quantity

Our Crops are in Splendid Condition and everything points to
a Record Supply of Red, White and Pink for Christmas.

Christmas Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.

	Per Doz.
60-inch stems	\$10.00
48-inch stems	9.00
36-inch stems	8.00
30-inch stems	7.00
24-inch stems	6.00
20-inch stems	4.00

RICHMOND.

	Per 100
Extra Special	\$20.00
Select	18.00
Fancy	15.00
Medium	12.00
Good	10.00
Short stems	8.00

MRS. CHAS. RUSSELL.

	Per 100
Fancy stock	\$15.00 to \$30.00

PINK-KILLARNEY--WHITE KILLARNEY BRILLIANT, SUNBURST, OPHELIA

	Per 100
Extra Special	\$18.00
Select	15.00
Fancy	12.00
Medium	10.00
Good	8.00
Short stems	6.00

MINIATURE ROSES.

	Per 100
Baby Doll	\$3.00
Elgar	3.00

ROSES, OUR SELECTION, \$7.00

CARNATIONS.

	Per 100
Red, Extra Special	\$8.00
Red, Good	6.00
Light Pink, Extra Special	6.00
Light Pink, Fancy	5.00
Pink, Select	6.00
White, Fancy	5.00

MISCELLANEOUS.

	Per 100
Valley	\$ 6.00
Lilies	\$12.50 to 15.00
Ferns, per 1,000	2.50
Smilax, per doz. strings	2.00
Adiantum	1.00
Galax (bronze and green), per 1,000	1.25
Asparagus Sprengeri, bunch	.50
Asparagus Plumosus, bunch	.50
Boxwood, per lb.	.25

Other Green Goods Market Rates.

Our Range of Greenhouses is one of the Three Largest
in America and is in Full Crop for Christmas.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone:
Randolph 2081

CHICAGO

KILLARNEY and KILLARNEY BRILLIANT

In Splendid Crop For Christmas

Positively the finest stock in this market, owing to their wonderful color, large heads, strong stems and healthy foliage.

BEAUTIES

Heavy supply of stock in all lengths running from short to the extra long. Perfect heads on strong straight stems, well laden with that beautiful and much desired luxuriant foliage.

CARNATIONS

Largest supply in the West. All the best new and standard varieties, including a large quantity of Red and extra large number of Pink and White.

STEVIA

Fancy long stemmed stock of unsurpassed quality and just what you need for your Christmas trade.

We Have Everything You Need in Cut Flowers and Greens.

So be sure and place your orders with us. It is a well known fact if there is anything obtainable in the Chicago Market it is usually at

A. L. Randall Company

WHOLESALE CUT FLOWERS AND SUPPLIES

Wabash Ave. at Lake St.,

PHONE
CENTRAL 7720

Chicago

over the advertisements in this week's issue of THE AMERICAN FLORIST and send in your orders as early as possible. The prices quoted on stock in general are very reasonable, compared to former years, and nothing will be gained by holding off until the last minute, unless a lot of stock is shipped in here from other markets to be disposed of, which is not likely, with the exception of American Beauty roses from the east, which will not cut much figure compared to the fine home grown stock there will be offered. Here's hoping for the best and most satisfactory Christmas that was ever experienced.

NOTES.

Wietor Bros. will be in fine crop with both carnations and roses for Christmas, especially Richmond, Ophelia, Mrs. Chas. Russell, Sunburst, Killarney and Killarney Brilliant. In speaking of the holiday supply of American Beauty roses, N. J. Wietor says that his firm will have a large crop, but not as many flowers as he at first expected there would be. Orders are numerous for Christmas and he expects to witness a grand clean-up before the big rush is over.

The Chicago Flower Growers' Association is handling a large quantity of late chrysanthemums which are in good demand and are cleaning up nicely every day. Increasing business has forced Manager Klingsporn to put on additional help in the person of Fred Ottenbacher, who has been employed in the local market for a great many years.

A. L. Vaughan & Co. have a large quantity of California holly to supply their customers with for Christmas, which is in heavy demand for basket work. This firm will also be strong in all other stock, particularly American Beauty roses, cut poinsettias and

Roses and Carnations

Heavy supply of both in all the leading varieties so order here.

SINNER BROTHERS,
158 N. Wabash Ave., CHICAGO.

orchids. Green goods of all kinds are also handled in quantity, including wild smilax.

At Percy Jones' store the stage is all set for a brisk Christmas business, and in addition to the regular line of stock a fancy grade of Mrs. Francis King gladioli and freesias will be offered. Carnations especially will be in large supply and so will all green goods, which are leaders here.

J. A. Budlong's store received a new coat of calcimine this week and everything at this establishment now presents a most inviting appearance. This firm is handling a large supply of choice red winterberries and will have its usual large supply of cut flowers to offer for the holidays.

Wm. Bluedorn, son of Herman Bluedorn, Eau Claire, Wis., who has been with the Third Wisconsin regiment as sergeant on the Mexican border since June 23, left for home this week to help out during the holiday rush. His regiment was mustered out of service December 14.

The A. L. Randall Co.'s supply department was very busy this week and the force had about all that it could do to handle the many orders that were booked. This firm's electric store fountain continues to be in brisk demand and many new styles are now carried in stock.

Zech & Mann report business as good, with the outlook very encourag-

ing for Christmas. Stock of all kinds will be in large supply with them and a large number of orders have already been booked. Jack Byers joined the sales force at this establishment this week.

Kennicott Bros. Co. have already booked a nice lot of orders for Christmas and new ones are arriving in almost every mail. The shipping trade started off with a rush at this house this week when several new customers were added to the list.

M. C. Gunterberg expects to have her usual supply of double violets for Christmas if the weather is at all favorable from now on, for her growers report that the plants are covered with buds and all that is needed now is a little sunshine.

H. Munson, 1353 North Clark street, sold 72 second-hand boiler flues 18 feet long for \$324 this week, which is about half of what a new set would cost and gives one some idea of the high cost of materials at present.

H. N. Bruns has returned from a trip to New York, where he inspected a large importation of valley pips which arrived in good condition and insures his supply for the coming season.

Sinner Bros. are cutting a nice supply of roses and carnations and will have plenty to supply their customers with for the holidays.

Christmas Stock—The Place to Buy It.

Beauties, Per doz.

60 inch stems.....	\$10.00	30 inch stems.....	\$7.00
48 inch stems.....	9.00	24 inch stems.....	6.00
36 inch stems.....	8.00	20 inch stems.....	\$4.00- 5.00
Short.....			2.00- 3.00

Russells, per 100

Specials.....	\$30.00-\$35.00
Select.....	\$25.00
Medium.....	\$15.00-\$20.00
Short.....	10.00-\$12.00

Roses, per 100

Brilliant.....	Specials.....	\$20.00	Shawyer
Bulgarie.....	Select.....	\$15.00- 18.00	Wards
Pink Killarney.....	Medium.....	10.00- 12.00	Ophelia
White Killarney.....	Short.....	6.00- 8.00	Sunbursts

MINATURE ROSES—Brunner—Elgar—Baby Doll, \$2.00 to \$4.00.

Richmond, per 100

Specials.....	\$25.00
Select.....	\$15.00- 20.00
Medium.....	10.00- 12.00
Short.....	6.00- 8.00

Milady, per 100

Specials.....	\$25.00
Select.....	\$20.00
Medium.....	\$15.00-\$18.00
Short.....	\$8.00-\$12.00

Roses, our selection, per hundred.....\$6.00

Carnations, per 100

Red.....	\$10.00-\$12.00
White.....	\$6.00-\$8.00
Pink.....	\$6.00-\$8.00

Miscellaneous

Valley, per hundred.....	\$6.00-\$8.00
Violets, single and double, per hundred.....	\$1.50-\$2.00
Sweet Peas, per hundred.....	\$2.00-\$3.00
Lilies, Harrisii, per dozen.....	\$2.00
Paper Whites, per hundred.....	\$3.00-\$4.00
Calendulas, per bunch.....	35c-50c
Snapdragons, per bunch.....	75c
Stevia, per hundred.....	\$1.50-\$2.00
Cut Poinsettias, per dozen.....	\$2.50-\$4.00

Decorative Greens

Adiantum, per 100.....	\$1.00-\$1.25
Smilax, per dozen.....	\$1.50-\$2.00
Ferns, per 1000.....	\$2.50
Plumosus, bunch.....	35c-50c
Sprengeri, bunch.....	35c-50c
Green and Bronze Galax, per 1000.....	\$1.25
Galax, per case.....	\$7.00
Leucothoe, per 100.....	75c
Boxwood, bunch.....	25c
Per case.....	\$7.00
Wild Smilax, case.....	\$5.00
Red Winter Berries, small case.....	\$2.00
Large case.....	\$2.50
Mistletoe, lb.....	25c
Magnolia Leaves, per hamper.....	\$1.40
Red.....	\$1.75

Established 1883

Incorporated 1892

KENNICOTT BROS. Co.

WHOLESALE COMMISSION FLORISTS

163-5 North Wabash Avenue,

Chicago, Illinois

All Prices Subject to Change of the Market.



CHRISTMAS PRICE LIST—In Effect December 20, 1916.

ROSES			
Mrs. Chas. Russell—	Per 100		
Good	\$10.00	\$12.00	\$15.00
Extra Fancy	20.00	25.00	30.00
Ophelia	10.00	15.00	20.00
Sunburst	10.00	15.00	20.00
Richmond	10.00	15.00	20.00
Killarney, White Killarney, Killarney			
Brilliant	Per 100		
Long	\$12.00 to \$15.00		
Medium	8.00 to 10.00		
Short	6.00		
Specials billed accordingly			

CARNATIONS	
Good	Per 100 \$5.00
Specials, fancy	\$6.00 to \$ 8.00
Specials, fancy, red	8.00 to 10.00

MISCELLANEOUS	
Daisies	Per 100 \$1.00 to \$2.00
Calendulas	2.00 to 3.00
Violets, double	1.50 to 2.00
Sweet Peas	1.50 to 2.00
Stevia	1.50 to 2.00

MISCELLANEOUS—Cont.	
Paper Whites	Per 100 3.00 to 4.00
Ferns	\$3.00 per 1000
Asparagus	bunch, 35c to 50c each
Sprengeri	bunch, 25c to 35c each
Galax	\$1.00 per 1000
Mexican Ivy .....	.75c per 100
Boxwood	large bunch, 25c each
Red Winter Berries, per bunch, 25c; case, \$1.00; large case, \$2.00.	
Mistletoe .....	.25c per lb.

A. T. PYFER & CO.

Wholesale Florists

30 E. Randolph Street,

Long Distance Telephone
Central 3373

CHICAGO, ILL.

E. C. Pruner and wife celebrated their seventh wedding anniversary at their home at 2414 North Mozart street, Saturday evening, December 9, and it is needless to add that everyone present had a most enjoyable time. Among those present in the trade were W. D. Desmond, Minneapolis, Minn.; Ed. Goldenstein, Allie Zech, Fred Longren, T. E. Waters, E. A. Ollinger, Chas. Erne, George Mohn and J. Westpahl, Elizabeth. It was after midnight when the jolly party broke up and everyone agreed that Mr. and Mrs. Pruner are "some entertainers."

Joseph Foerster, of Kyle & Foerster, is the proud owner of a four-passenger 34 Marmon "Chummie roadster," advertised as the easiest riding car in the world. Mr. Foerster's partner, Wm. Kyle, is also an automobile fan and has a car of his own. Both gentlemen pay strict attention to business and are on the job early and late, and about the only recreation they have is when they take their families out for a spin on the boulevards after the store closes for the day.

The Raedlein Basket Co. has sixty basket makers turning out stock for the holidays, which will enable the firm to fill every order in full that may be booked for Christmas delivery. This firm has an unusually large supply of all styles in stock, particularly the popular holly, ruscus and boxwood basket. Increasing business has demanded the addition of a large basement space, 50x50 feet.

W. D. Desmond, of the W. D. Desmond Co., Minneapolis, Minn., was in the city December 8 on business connected with the new florist store that the American Beauty Confection Co. will open at the corner of Hennepin avenue and Seventh street in that city. Mr. Desmond will be in charge

MOSSES

Dyed Sheet Moss, per bag 100 square feet.....	\$3 50
Natural Sheet Moss, per bag 100 square feet.....	1 75
Grey Moss, 25-lb. bags, per bag.....	2 50
Southern Wild Smilax, per case.....	2 50
Long Needle Pines, assorted sizes 2 to 4 feet, per doz.....	1 25
Holly, standard case.....	2 25

E. A. BEAVEN,

Evergreen, Ala.

Wanted == Gardenias

Chicago wholesale cut flower house has a steady demand for all that it has to offer, and is anxious to make arrangements with some grower to receive a regular daily supply all through the season. Will either buy outright or handle on commission. For further particulars address

Key 731, care American Florist.

and his many friends in the trade here wish him every success in his latest undertaking.

The John Kruchten Co. is offering a regular supply of choice pink bouvardia, lily of the valley and orchids, in addition to a most complete line of all other seasonable stock. Boxwood is seen in large quantity at this establishment.

Hoerber Bros. are cutting from a splendid crop of My Maryland roses, which are in good demand and clean up early every day. Their Killarney and Ophelia are of the same fine quality as their My Maryland.

J. S. Pintozzi has bought Henry M. Hirsch's store at 37 East Van Buren street and will continue the business under the name of the Van Buren Florist.

C. C. Taylor, with the Kentucky Tobacco Product Co., Inc., Louisville, Ky., called on the trade here December 8.

Edward L. Martin, son of Mrs. Margaret Flint Evans, daughter of the late John Thorpe, is now with A. T. Pyfer & Co.

Thos. Heaven, of Benton Harbor, Mich., was in the city December 7, buying stock for the holidays.

Christmas Price List

AMERICAN BEAUTIES

Our cut consists mostly of medium and shorter length stems, but very fine flowers.

	Per doz.
Extra long stem specials	\$12.00
Stems 30 to 36 inches	10.00
Stems 24 to 30 inches	8.00
Shorter lengths	\$3.00 to 6 00

RED ROSES

Rhea Reid and Richmond

	Per 100
Extra long stem specials	\$35.00
Long	\$20.00 to 25.00
Good medium	15.00
Good short	10.00 to 12 00

Ophelia, Brilliant,
Shawyer and Sunburst

	Per 100
Specials, extra long stem	\$25.00
Long	20.00
Good medium stems	\$12.00 to 15.00
Good short stems	10.00

Cecile Brunner and Baby Doll, Per bunch of 25 buds,
\$1.00 to \$1.25.

CARNATIONS

Fancy red Belle Washburn, very choice	\$10.00
Fancy dark and light pink	6.00
Extra fancy white	\$5.00 to 6.00

RUSSELLS

The Best in This Market

	Per doz.
Specials, extra long	\$6.00
Long	5.00
Good medium	\$3.00 to 4.00
Good short	1.50 to 2.00

Pink Killarney

	Per 100
Long	\$15.00 to \$18.00
Good medium	10.00 to 12.00
Good short	8.00

White Killarney

	Per 100
Extra long	\$12.00 to 15.00
Good medium	8.00 to 10.00
Good short	6.00

Assorted Roses

No red, but from one-third to one-half white.

OUR SELECTION, in lots of 300 or more, at
the rate of.....\$5 00 per 100

STEVIA

We offer for Christmas over 50,000 sprays of Stevia, extra fine,
large bunches at 35c per bunch. Every store should use
large quantities of these flowers to fill up Christmas boxes.

MISCELLANEOUS

VALLEY

Per 100	\$6.00
---------------	--------

CHOICE COMMON FERNS

Per 1000	\$2.50
----------------	--------

ASPARAGUS AND SPRENGERI

Per 100	\$2.00 to \$3.00
---------------	------------------

GALAX

Green or Bronze, new crop, per 100	\$0.10
--	--------

BELLE WASHBURN ROOTED CUTTINGS

The Best Red Carnation of the New Introductions of Last Year.

Watch its flowers sell during the holidays. No other carnation is in the same class for holiday red flowers.

Rooted Cuttings ready to ship January 1st. Price in lots of 250 or more, at the rate of \$45.00 per 1000; in lots of 100 or 200, \$5.00 per 100. All cuttings guaranteed first-class in every respect.

BASSETT & WASHBURN

Office and Store:
178 N. Wabash Ave., Chicago, Ill.

Long Distance Phone:
Central 1457.

Greenhouses:
Hinsdale, Ill.

Christmas Cut Flowers and Greens

CHRISTMAS PRICE LIST

Subject to change without notice.

BEAUTIES		Per dozen
Stems 12-inch to 48-inch.....	\$2.50 to \$10.00	
RUSSELLS		Per 100
Short and medium.....	\$10.00 to \$20.00	
ALL OTHER ROSES OBTAINABLE IN THE CHICAGO MARKET.		Per 100
Short, medium and select.....	\$6.00 to \$12.00	
Roses—Our selection	8.00	
Extra specials billed accordingly.		
Cecile Brunner	\$2.00 to \$4.00	
Elgar	2.00 to 4.00	
Baby Doll	2.00 to 4.00	

CARNATIONS		Per 100
Red ..	\$8.00 to \$10.00	
White or Pink.....	6.00	
MISCELLANEOUS		Per 100
Violets	\$ 1.50 to \$ 2.00	
Valley	6.00	
Easter Lilies	12.50 to 15.00	
Stevia	1.50 to 2.00	
Strawflowers .....	.50	
Yellow Narcissus	6.00	
Calendulas	2.00 to 4.00	
Paper Whites	3.00 to 4.00	
Suapdragous .....	.50 to .75	
Mignonette	6.00 to 8.00	
Poinsettias, fancy....per doz.	2.00 to 4.00	

MISCELLANEOUS—Cont.		Per 100
Romans	3.00 to 4.00	
Callas	per doz. 2.00	
Sweet Peas	2.00	
GREENS.		
Asp. plumosus sprays..bunch	\$0.35 to \$0.50	
Sprenger	per bunch .35 to .50	
Adiantum	per 100 1.00	
Smilax, choice.....per doz.	1.50 to 2.00	
Fancy ferns	per 1,000 3.00	
Galax leaves	per 1,000 1.25	
Wild Smilax	per case 5.00	
Boxwood	per lb. .25	
Red Winter Berries.....per case	2.50	
Mexican Ivy	1.00	
Leucothoe Sprays .....	.75	

CHRISTMAS SUPPLIES.

Red Ribbons, Red Chiffons, Red Baskets, Red and Green Frieze, Waterproof Crepe Paper, Magnolia Leaves, etc.

O. A. & L. A. TONNER

30 East Randolph Street,

Phone, Central 6284.

CHICAGO, ILL.

Poehlmann Bros. Co. will have a large supply of roses and carnations for Christmas, especially American Beauty, which will be in splendid crop with them. The supply department is having a heavy call for red and green frieze, waterproof crepe paper and Porto Rican mats, and have shipped considerable stock to eastern points the past week. The plant department at Morton Grove never had such a big demand for holiday plants and never experienced such a complete cleanup so early in the season as it has this year.

John Michelsen, George Asmus, Matt Mann, E. F. Kurowski and Fred. Lautenschlager visited the French & Salm greenhouses at Union Grove, Wis., Friday, December 9, and report the stock in excellent condition, with a large crop in right for Christmas. French & Salm's range is devoted exclusively to the growing of Mrs. Chas. Russell roses and their entire output is consigned to the E. C. Amling Co.

Peter Reinberg will be in full crop with Richmond roses for Christmas, according to Felix Reichling, who visited the greenhouses last week. Mrs. Chas. Russell and American Beauty roses will also be in large supply and so will all the other roses, but a grand cleanup in all lines is expected before the rush is over, for many orders have already been booked and more inquiries are arriving every day.

A. T. Pyfer & Co. will have a large supply of all seasonable stock for the holidays, especially roses and carnations, which are their leaders. The shipping trade promises to be exceptionally good, for many advance orders have already been booked. Mr. Pyfer says that H. E. Philpott will be here from Winnipeg to help out during the rush.

The George Witthold Co. will spend its first Christmas in its new retail store this year, which is, without question, the finest in the west. Everything is being rushed along and as soon as the conservatories are completed a grand showing of plants will be made from the firm's Edgebrook greenhouses.

F. M. Button and wife, of Lake Geneva, Wis., were in the city last week, doing their Christmas buying. Mr. Button has a new double pink and a new double red begonia, which he will have registered and probably exhibit at the January meeting of the Chicago Florists' Club.

O. A. & L. A. Tonner are showing yellow narcissus and will have a large

SOUTHERN WILD SMILAX

\$2.50 PER CASE.

Holly, standard case	\$2 25
Dyed Sheet Moss, per bag 100 square feet.....	3 50
Natural Sheet Moss, per bag 100 square feet.....	1 75
Long Needle Pines, assorted sizes 2 to 4 feet, per doz.,	1 25
Grey Moss, 25-lb. bags, per bag.....	2 50

E. A. BEAVEN,

Evergreen, Ala.

Mention the American Florist when writing.

quantity to supply their trade with at Christmas in addition to their regular line of other stock. The supply department is having a good call for holiday goods, particularly baskets and ruscus.

Miss Sadie Meyer, of Denver, Colo., and Marvin William Fisher were married in this city December 10 and are spending their honeymoon in Michigan. Mr. Fisher's many friends in the trade here wish him and his bride a long and safe journey on the sea of matrimony.

Bassett & Washburn are well pleased with the outlook for Christmas and will have a large quantity of stock to supply their customers with. This firm's new red carnation, Belle Washburn, is making a big hit at the store and will be in heavy demand for the holidays.

Fred Dietsch says that enquiries for greenhouse materials are numerous at A. Dietsch Company's office, but that the outlook for this coming season is very encouraging. This firm is preparing a new catalogue which will be ready for mailing in the near future.

Meyer & Dramm are cutting a fine supply of Hoosier Beauty roses and will be in good crop for the holidays. The E. C. Amling Co. handles their entire output and is finding a ready demand for them.

Erne & Klingel are handling regular shipments of orchids in addition to a large supply of choice roses and carnations. Everything points to a banner Christmas trade at this establishment.

Albert Hall and Wallace Wadington are opening a new store at 4700 Sheri-

Poinsettias

Extra fine cut Poinsettias with plenty of nice green foliage, at \$2.00 and \$3.00 per dozen.

FRANK F. CRUMP, Colorado Springs, Colo.

Mention the American Florist when writing.

dan road, under the firm name of Lake-side Flower Shop. Buchbinder Bros. furnished the complete set of store fixtures.

Fritz Bahr has had eight men busy for some time planting shrubbery on Ed. Winterson's new property at Highland Park, and the work is pretty well along now.

It is rumored that John Evert will join the ranks of the benedicts in the near future, and probably before Christmas. Congratulations are in order.

Joseph Kohout says that he suffered the loss of a few panes of glass in the hailstorm that visited Libertyville, December 4.

O. C. Taffner, formerly with the Hansell Grate Bar Co., is now with the Armour Fertilizer Works.

Allan Humason, with Hilmer V. Swenson Company, advertising experts, is home for the holidays.

J. J. Budlong, of the firm of L. A. Budlong, is away on an eastern business trip.

C. S. Claussen is back from a pleasant business trip to California.


For Christmas

CHOICE STOCK OF

Roses and Carnations

of all the leading varieties together with all the Novelty Roses, besides a daily supply of Valley, Lilies, Violets, Sweet Peas, Paper Whites, Stevia, Daffodils, Calendulas, Callas, Snapdragons, Poinsettias and all other seasonable Cut Flowers as well as Greens of all kinds.

Why Not Use The Best For Your Trade ?

 Remember we grow the bulk of stock that is placed in shipping orders, thereby assuring you of getting **Absolutely Fresh Stock** bound to reach you in good condition and in a measure **Saving You the Commission Man's Profit**. In addition we make no charge for Boxes or Packing which, likewise is a saving to you. Therefore you can increase your profits and business by sending your orders to

Chicago's Most Up-to-date and best located Wholesale Cut Flower House

**Quality
Speaks
Louder
Than
Prices.**

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

**ROSES, VALLEY
and CARNATIONS
A Specialty.....**

**WHOLESALE
Grower of**

CUT FLOWERS

**Prices
As
Low
As
Others.**

 **SHIPPING ORDERS GIVEN CAREFUL ATTENTION.**

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

A. Neubeck, with the M. A. McKenney Co., Milwaukee, Wis., was here on a business trip December 13.

Frank Howard, gardener at the Pullman estate for many years, died Friday, December 8, at the age of 67. The funeral was held the following Sunday. Interment at Oakwood cemetery.

Visitors: C. J. Watson, representing the Leo Niessen Co., Philadelphia, Pa.; Frank Farney, with M. Rice Co., Philadelphia, Pa.; Mrs. Mazey, Minneapolis, Minn.; Miss Britz, Danville; Ernest F. Hoehl, representing S. S. Skidelsky & Co., Philadelphia, Pa.; O. C. Schrock, Ligonier, Ind.; B. D. Ludwig, Columbus, O.; Dave Geddes, St. Louis, Mo.; Chas. Schaeffer, Kankakee; Hugo Will, Minneapolis, Minn.; Wm. Feninger, Toledo, O.; Fred Vorm, with American Oak Preserving Co., North Judson, Ind.

KNOXVILLE, TENN.—A. H. Dailey, who has been critically ill for some time, is reported much improved.

OTTAWA, ONT.—Following a gratifying business during 1916, R. H. Wright is erecting a handsome conservatory at his store, 54 Sparks street.

WANTED

Names of retail florists and buyers of cut flowers who wish to keep posted on special bargains in Chicago Market. Send in your name—no charge for this information.

M. C. GUNTERBERG, 158 N. Wabash Ave., Chicago

Mention the American Florist when writing.

Wichita, Kans.

BUSINESS SHOWS INCREASE OVER 1915.

Thanksgiving day business was up to the mark; in fact, showed a fair increase over last year's figures. The weather was ideal, mild and sunny, which filled the streets with buyers—and flowers sell best when people feel good. Chrysanthemums had first call, with roses and carnations about even for second place. The supply was generally adequate and quality good and prices were not advanced.

NOTES.

Business for November probably exceeded November, 1915, and the florists

are thankful in these days of high cost of living and consequent conservative buying.

W. H. Culp & Co. found good sale for a nice lot of chrysanthemums in pots. They had a house of these come in just right for cutting for the week's trade.

Chas. P. Mueller showed some very nicely finished Begonia Cincinnati, and poinsettias.

C.

HAMLET, N. C.—H. D. Martin is looking for prices of greenhouse building materials with a view to engaging in commercial floriculture.

VIOLETS Our Specialty

We Can Supply Any Quantity for the Holidays

Shipping Orders Given Personal Attention and Satisfaction Guaranteed.

CLARENCE SLINN, Wholesale Florist PHONE FARRAGUT 2453
123 West 28th St., New York City

Kansas City, Mo.

A LULL BEFORE CHRISTMAS RUSH.

The market has slowed up considerably in some lines but what stock is on hand is of good quality. Chrysanthemums are still seen, and the quality is good considering the late season, Bonnaffons especially, and wholesale from \$1.50 to \$2.50 per dozen. Roses are quite plentiful and are priced from \$4 per 100 up, with American Beauty moving at \$4 and better per dozen. There are some very fine carnations and the quality is improving daily. Lilies are seen in large numbers. The supply of pot plants is getting larger day by day and good cyclamens, poinsettias, primroses and begonias, will from all reports be plentiful for the Christmas trade.

NOTES.

The Geo. M. Kellogg Flower & Plant Co. has an excellent supply of pot plants, especially some well flowered azaleas. The cut flower stock at the greenhouses looks very promising. Manager Parker was hunting at Pleasant Hill last week and returned with 125 rabbits, one squirrel and a number of quail. We know they came from Pleasant Hill because the city market is at the opposite end of this city.

W. J. Barnes conducted a sale of baskets during the past week which was very successful. He will have a fine line of pot plants from his own range for the holidays; also, carnations, white and yellow narcissi and a good line of orchids and stevia. His begonias are showing very fine form. The force has been very busy preparing a large supply of wreaths in many varieties.

The Wm. L. Rock Flower Co. was never before in such a state of perfect preparedness for the Christmas rush. At this establishment a full line of pot plants in all seasonable varieties are featured and a fine showing of fancy made up baskets is noteworthy.

H. Kusik & Co. report Christmas supplies are moving off with a rush and large quantities of ruscus and frieze have already been disposed of. This firm is handling 500 chrysanthemums daily in addition to roses, carnations and lilies in quantity.

The Rosery has been very busy with funeral work and some very good decorations. Manager Ellsworth will be prepared to supply his Christmas trade with some very fine cyclamens, azaleas, poinsettias, begonias and Dutch hyacinths.

MOSSSES

Fadeless Sheet Moss, 100 square feet.....	\$3 50	per bag
Natural Sheet Moss, 100 square feet.....	1 75	per bag
Southern Grey Moss, 25 pounds.....	2 50	per bag
Southern Wild Smilax.....	2 25	per case
Long Needle Pines, assorted 2 to 4 feet.....	1 50	per doz.
Holly, standard case.....	2 25	per case

Caldwell The Woodsman Co., Evergreen, Ala.

Arthur Newell reports a drop in sales during the past week, but it has given him an excellent opportunity to complete preparations for his Christmas business which he anticipates will be the best in his history.

The Stuppy Floral Co., of St. Joseph, Mo., is shipping to this city some of the best cyclamens in large sizes that have been seen here for some time. Needless to say they sell readily.

T. J. Noll & Co. report a shortening in the supply of stock, especially carnations. This firm reports a record breaking business in Christmas supplies.

Samuel Murray is attracting attention to his artistic store with a splendid showing of Christmas novelties of which he has a large supply.

Hotel decorations have been a feature with Fred Fromholdt during the past few weeks.

E. J. B.

St. Louis.

GOOD SUPPLY AT MODERATE PRICES.

The market, during the past week, was well supplied with stock of all seasonable varieties and prices have weakened somewhat. Chrysanthemums are still to be had at from 10 to 12½ cents. American Beauty is a scarce item and the price has steadily advanced from \$2 to \$5 per dozen. The market is well supplied with Russell, Ophelia, Aaron Ward and Killarneys, but Richmond, Hoosier Beauty and Milady are scarce. It appears as if the growers are holding back for Christmas. The carnation supply is good and the price does not exceed \$3 per 100 for the best. Paper Whites are plentiful at from \$1.50 to \$2. Sweet peas are scarce—only a few Spencers

can be seen on the market. Violets are coming in steadily and are priced at 50 cents for the best with inferior grades down to 25 cents per 100. All greens clean up well.

NOTES.

At numerous greenhouse establishments in this vicinity we recently noticed fine stocks of poinsettias, solanums and cyclamens. Azaleas are scarce and few good begonias are to be had. Jules Bourdet and Richard Frow have excellent stocks of fine blooming plants however.

Grimm & Gorly and Mullanphy Florists had elaborate decorations for the opening of the Franklin bank, December 11. There were many fine baskets and vases of choice roses.

Business in the retail stores has been better during the past week than is usual before a holiday season. The demand for funeral work was also heavy.

The formal opening of the Blossom Flower Shop took place December 9. A big crowd visited the store and enjoyed the flowers and music.

The florists in the south end of the city are looking forward to a flourishing holiday trade. Their windows are very attractive.

Decorative supplies are now a big feature in the wholesale trade and the retailers are also busy with holiday preparations.

Some very fine lilies are being featured in the Windler Wholesale Floral Co.'s establishment.

Violets and Russell roses of superb quality are among the leaders at H. G. Berning's.

Miss Betty Carlson has taken a position with the Koenig Floral Co.

X. Y. Z.

Yes Sir, most emphatically these are Specials

Small velvet POINSETTIAS, 3½-inch diameter, \$3.00 per gross.

Single stemmed HOLLY BERRIES, 10-gross lots, \$1.50.

White frosted LEAVES. 65c per gross.

Red and Green FRIEZE PORTIERES, 5-ft. size, \$1.00; 8-ft. size, \$1.25.

Lots of RED ROPING, CAPES, STATICE, RUSCUS, IMMORTELLS,
DIANA GRASS, CHRISTMAS WREATHS and other novelties.

Send \$10.00 for an assortment of our Christmas MAKE-UP materials for baskets and wreaths.

BOXWOOD SPRAYS

Our Supply Comes From the
Old Plantations of the South.

We will furnish good, clean, glossy, green sprays (free from excess wood), every pound merchantable and useable.

50 pounds, \$7.50; 100 pounds, \$13.50 net, f. o. b. Pittsburgh, Pa.

Green Sheet Moss, 8-bushel sack, filled.....\$2.00 Selected Mistletoe..... 10 pounds, \$1.75; 25 pounds, \$3.50

Wild Smilax, 50 pound size case.....\$5.00

HAVE YOU RECEIVED OUR CHRISTMAS BOOKLET ON FLORIST SUPPLIES?

Pittsburgh Cut Flower Co., 116-118 7th St., Pittsburgh, Pa.

Mention the American Florist when writing



Retail Florists, Attention



SPECIAL TO YOU FOR THE HOLIDAY TRADE

Why pay \$10.00 per 1000 for your leucothoe, \$1.25 per 1000 for your galax and \$1.50 per 1000 for your ferns, and then be compelled to take cold storage stock, when you can get your greens DIRECT FROM THE WOODS at the prices below?

Green and Bronze Galax.....50c per 1000; case lots of 10,000, each, \$4.00

Dagger and Fancy Ferns.....80c per 1000; case lots of 5,000, each, \$3.50

Green LeucothoeLong, \$2.00; Medium, \$1.50; Short, \$1.00 per 1000

Rhododendron Leaves.....50c per 1000; case lots of 5,000, each, \$2.00

Our greens are for the retail florists, and we do not cater to any other trade, and we feel that we deserve your support.

If you are in doubt about the quality of our stock, try a case from all the dealers, and if ours is not the best, write us to that

effect and we will refund your money. The larger part of the best florists from coast to coast is our best reference.

All quality greens and prompt deliveries have made our business a success for years.

Terms Cash, or time to investigate references.

Wire us at Elk Park, N. C.

ELK GALAX & FERN COMPANY,

Banners Elk, N. C.

Washington, D. C.

STOCK PLENTIFUL AND PRICES FIRM.

Stock at present is plentiful, although a little advanced in price. Carnations are very good in quality and are bringing \$5 per 100. Roses, such as Killarney, My Maryland, Ophelia, Hillingdon, Sunburst, Shawyer, Hadley and Hoosier Beauty, are quoted at from \$4 to \$12 per 100. American Beauty is priced at from \$3 to \$5 per dozen. Lily of the valley sells at from \$6 to \$8. Other offerings include orchids, gardenias, bouvardia and chrysanthemums, the latter bringing from \$12 to \$30 per 100. Flowering plants seem to be plentiful—cyclamens, begonias, bougainvilleas, poinsettias and a few good azaleas.

NOTES.

George W. Hess, superintendent of the botanic garden, opened to the public, December 9, the first poinsettia show ever held in any garden under control of the United States government. As a success it vied with the annual chrysanthemum exhibitions of the department of agriculture.

Albert Schnell, manager of the Leo Niessen Co.'s local branch, predicts a fine supply of carnations for the holiday trade, with prices lower than a year ago.

HOLLY \$2.25 Per Case

Southern Wild Smilax..... \$2 25 per case

Fadeless Sheet Moss, 100 square feet..... 3 50 per bag

Natural Sheet Moss, 100 square feet..... 1 75 per bag

Southern Grey Moss, 25 pounds..... 2 50 per bag

Long Needle Pines, assorted 2 to 4 feet..... 1 25 per doz.

Caldwell The Woodsman Co., Evergreen, Ala.

Mention the American Florist when writing

Joe Merrett is bringing in some extra good boxwood and expects to be able to supply his trade with the finest holly that has been seen in years.

The Washington Floral Co. are cutting some very fine roses of the varieties White Killarney, Sunburst and Hoosier Beauty.

Jake Richards, proprietor of the Corcoran Flower Shop, went into bankruptcy December 6.

We are glad to report that George H. Cooke is able to be about again after a short layup with an injury to one of his feet.

G. C. D.

TORONTO, ONT.—John H. Dunlop has three new roses which will be disseminated in 1918. A red, Mrs. Henry Winnett, looks very good. The other two, both pink, also show good form.

ARNOLD BOXES ARE BEST



Leading Retail Florists Everywhere Say So.

Many Chicago florists use no other kind as they have found from experience that Arnold Boxes suit their purpose best and are the most reasonable in price, taking quality into consideration.

Write for samples and prices or better yet order your supply today

A. A. Arnold Paper Box Co., 1302-1308 W. Division St.,
CHICAGO, - ILLINOIS.

A. B. C.

"WATCH US GROW."

CORSAGE

RIBBONS, PINS, SHIELDS, TIES and TRICATINE NOVELTY EFFECTS

AMERICAN BULB CO., IMPORTERS OF FLORISTS' NECESSITIES
172 N. WABASH AVENUE, CHICAGO, ILL.

Fort Wayne, Ind.

HOLIDAY INDICATIONS PROMISING.

Trade during the past week has been quiet following a very satisfactory business. Stock has been plentiful, the supply including some very fine chrysanthemums and roses in excellent variety and of splendid quality. Carnations have also been plentiful. Several Thanksgiving weddings created a demand for choice stock and there was the usual football game that made a market for many white and yellow chrysanthemums. Stock for the holiday trade looks promising, but indications point to a shortage in blooming plants.

NOTES.

The florists' club held its regular meeting December 2 at A. J. Lanternier's store, with Miss Rhoda Doswell, president, in the chair. The report on the flower show held in November was approved and it was decided to make this affair an annual event. A general discussion was entered into regarding the manner of handling the Christmas trade. It was decided to hold the annual banquet in the Hotel Anthony, January 5. The next meeting will be held in the store of Markey Bros.

The Flick Floral Co. had decorations for several large weddings during Thanksgiving week, in which were used quantities of southern smilax, Golden Wedding chrysanthemums and Sunburst and Ophelia roses.

W. J. & M. S. Vesey cut 400 orchids for Thanksgiving shipments. They also had excellent Chrysolora and Dolly Dimple chrysanthemums.

A. J. Lanternier & Co. had a big Thanksgiving business in chrysanthemums, roses and violets.

Markey Bros. had excellent Thanksgiving orders. Wm. Turner and Bonaffon chrysanthemums were features at their establishment.

The Doswell Floral Co. report excellent business with heavy demand for chrysanthemums, both cut blooms and plants. H. K.

Oklahoma City.

HEAVY THANKSGIVING DEMAND.

Thanksgiving day, with its attendant foot-ball game, brought a tremendous business for the florists. Stores were kept open all day and almost everything salable was disposed of. The demand for decorative plants was not so very heavy, but there was a good call for chrysanthemums. Prices for cut-flowers did not seem to vary much from the prices of other years. The best American Beauty roses reached \$10 and \$12 per dozen; of the tea roses, the variety Mrs. Russell was the most expensive, \$8 per dozen being asked for these. Chrysanthemums sold for prices ranging from \$4 to \$8 per dozen; carnations from \$1 to \$1.25 per dozen.

NOTES.

John Furrow was a visitor this week. He says the chrysanthemum crop is entirely finished and that azaleas are now being forced for Christmas. These have been somewhat slow in arriving this year. It took 16 days for them to come from New York here by freight, rather slow traveling for such an up-to-date country as the United States is supposed to be.

The state teachers' convention has been in session for three days. This brought some two or three thousand school ma'ms to town and a lot of transient flower and bulb business has resulted. S. S. B.

Rochester, N. Y.

INDICATIONS OF GOOD HOLIDAY TRADE.

Business is increasing day by day as the holidays approach. Decorations in department stores and other retail establishment have been in place for some time and additional advance orders are being booked. Chrysanthemums now are of poor quality and the demand is very light, but carnations are excellent and the price is high. Roses are not very plentiful but the quality is unusually good, especially as regards Milady, Ward, Maryland and Ophelia. Cattleyas and cypripediums are selling well. Pompons have gone but snapdragon and stevia have come to take their place. There is good bouvardia on the market. Lily of the valley has advanced greatly in price during the past two weeks.

NOTES.

Edwin C. Kaebler reports good business during November. Fancy vases, bowls and other novelties have been selling well with him for the holiday trade. Brown Watson is now employed at the South Clinton street store.

Geo. B. Hart is on the committee to arrange for the supervisors' banquet to take place December 28. Cecil Lester of this firm has just returned from an extended business trip. He reports excellent trade.

Arthur Elder and Edwin C. Armbrust were energetic workers for the Y. M. C. A. membership campaign last week.

The Rochester Floral Co. is showing a fine assortment of baskets in a well arranged window display.

George Kramer is doing special basket work for S. A. Anderson of Buffalo. CHESTER.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

The Largest, Best Equipped,
Most Centrally LocatedWHOLESALE
CUT FLOWER HOUSE
IN CHICAGO

174-6 N. Wabash Ave., CHICAGO

L. D. Phones
CENTRAL 1977 and 1978.

Xmas Greens

ORDER NOW.

Choice Case Holly, Holly Wreaths
and Laurel Roping. Can furnish any
amount. Write your requirements.

H. E. CONWELL, Milton, Delaware

Mention the American Florist when writing.

Buffalo, N. Y.

BUSINESS VERY SATISFACTORY.

Straightening up and rearranging after the Thanksgiving trade is now very much in order and active preparations with pine and laurel for Christmas is always the first sign of the approach of the holiday season and these decorations have kept the florists busy. Trade during the past week has been unusually active, funeral work being a big feature. The death of three prominent residents of this city gave S. A. Anderson orders for three casket covers, which is somewhat unusual for one week, in addition to numerous other smaller orders. The other florists were also busy at the same time and several dinners and debutante teas added their quota to the general sales. Chrysanthemums are, or should be, counted out. Roses are scarce, but will in all probability be in good crop for Christmas. Carnations are also in limited supply, leaving only narcissi, lilies, violets and a few other flowers to supply the unusual demand. Everything in the plant line looks very promising—poinsettias, begonias, cyclamens and also azaleas. The local growers in this vicinity are very optimistic and look forward to good sales of their stock.

NOTES.

There is some talk of having a room in the Kasting building for the Busy Club—Ben Stafford, president; Chas. Schoenhut, sergeant-at-arms. War, politics and who has the largest supply of stock will be the principal subjects of discussion.

Stroh's Quality Shop is removing from 354 Main street to No. 377 on the same thoroughfare. The formal opening will not take place until after improvements are completed, but they will occupy both stores until after the holidays.

A large sign in front of two stores on Delaware avenue, in what is called the "Fifth avenue section," announces the occupancy by W. J. Palmer & Sons

Southern Wild Smilax

\$2.50 Per Case.

Holly, standard case.....\$2 25 per case
 Fadeless Sheet Moss, 100 square feet..... 3 50 per bag
 Natural Sheet Moss, 100 square feet 1 75 per bag
 Southern Grey Moss, 25 pounds..... 2 50 per bag
 Long Needle Pines, assorted 2 to 4 feet..... 1 25 per doz.

Caldwell The Woodsman Co., Evergreen, Ala.

Wholesale Flower Markets

Chicago.		Per doz.
CURRENT PRICE LIST.		
Roses, Beauty, specials	\$ 5 00@	\$7 50
" " 36-in.		4 00
" " 30-in.	3 00@	3 50
" " 24-in.	2 00@	2 50
" " 20-in.		2 00
" " 18-in.	1 00@	1 50
" " short.....per 100,	\$4 00@	6 00

Per 100	
" Mrs. Chas. Russell.....	\$5 00@35 00
" Hoosier Beauty.....	4 00@15 00
" Killarney Brilliant.....	3 00@12 00
" Killarney.....	3 00@10 00
" White Killarney.....	3 00@10 00
" Richmond.....	3 00@10 00
" Prince de Bulgarie.....	3 00@10 00
" Rhea Reid.....	3 00@12 00
" My Maryland.....	3 00@10 00
" Mrs. Geo. Sawyer.....	3 00@10 00
" Milady.....	3 00@12 00
" Sunburst.....	3 00@10 00
" Mrs. Aaron Ward.....	3 00@10 00
" Hadley.....	3 00@12 00
" Ophelia.....	3 00@12 00
" Double White Killarney..	3 00@10 00
" Mrs. Moorfield Storey..	3 00@10 00
" Champ Weiland.....	3 00@10 00
" Stanley.....	3 00@10 00
" Tipperary.....	3 00@10 00
" Francis Scott Key.....	3 00@12 00
" Bayard Beyer.....	3 00@12 00
" Cecile Brunner.....	2 00@ 3 00
" George Elgar.....	2 00@ 3 00
" Baby Doll.....	2 00@ 3 00
" Fireflame.....	4 00
" Our selection.....	4 00

Carnations.....	2 00@ 3 00
Cattleyas.....per doz.,	7 50@ 9 00
Vandas.....25c per bloom,	
Gardenias.....\$4 00 per doz.,	
Sweet Peas.....	75@ 1 50
Daisies.....	1 00@ 2 00
Calendulas.....	2 00@ 4 00
Snaydragons.....50@1 00 per doz.,	
Chrysanthemums.....per doz.,	1 50@ 4 00
Violets.....per 100, 1 00@1 50	
Lilium Harrisii.....	12 50@15 00
Valley.....	6 00
Adiantum Croweanum.....	1 00@ 1 50
Stevia.....per 100	1 50@2 00
Paper Whites.....per 100	3 00
Strawflower.....per bunch	25@ 35
Ferns.....per 100,	2 50
Galax.....	1 00@1 25
Leucothoe.....	75
Mexican Ivy.....per 1000,	5 00@6 00
Plumous Strings.....each,	60@ 75
Smilax.....per doz.,	2 00
Sprenger, Plumous Sprays.....	3 00@ 4 00
Boxwood. 25clb., per case.....	7 50
Wild Smilax.....per case,	\$6 00
Winterberries, per case,	2 00@ 3 00

in the near future. The Lenox Flower Shop will be almost opposite Palmer's. Visitors: Professor E. A. White and Professor David Lumsden, Cornell University, Ithaca, N. Y.; F. C. W. Brown, Cleveland, O.; Edward Fancourt, Philadelphia, Pa. BISON.

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

Mention the American Florist when writing.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

Mention the American Florist when writing.

HOERBER BROS.

Wholesale Cut Flowers
Growers of

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave., Chicago

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

For Your Christmas Business

We expect to have plenty of BEAUTIES--ROSES--CYPRIPEDUMS--GARDENIAS

LET US QUOTE YOU ON YOUR REQUIREMENTS.

THE LEO NIESSEN CO.,

1201-5 Race St., Philadelphia, Pa.

Philadelphia.

GOOD SUPPLY WITH SATISFACTORY SALES.

With demand good, stock not overplentiful and prices firm, trade conditions can be said to be altogether satisfactory, some varieties cleaning up regularly. Roses are in good supply, but are not moving quite as well as usual, with the result that prices have dropped. Carnations are firmer and the supply is increasing, the choice varieties, especially Mrs. Ward and Matchless, bringing \$5 per 100. Chrysanthemums are practically over, a few Jennie Nonin and Major Bonaffon arriving and which finds ready sale. Sweet peas are more plentiful and move fairly well at prices ranging from \$1 to \$2 per 100, the latter price being for fancy orchid varieties. Lily of the valley is more plentiful, but the demand not being active, the price is not as high as it has been during the past few weeks. There is a larger supply of orchids and as the demand is only fair, prices are lower. With the chrysanthemums practically over, lilies are meeting with better demand. Violets are beginning to arrive and move well. Stevia is plentiful and enjoys a good call.

NOTES.

The Bickmore Greenhouses of Wallingford, Pa., M. H. Bickley, proprietor, are showing marked improvement under the management of Joseph Goetter. Splendid stock from this establishment is being shipped to Berger Bros., where it finds ready sale.

Burton & Rone are meeting with a good demand for their new primula in four, five and six-inch pots. Begonia luminosa is selling well as is also Asparagus plumosus nanus of which they also have a fine house.

Zieger & Sons, Germantown, are adding two houses of King construction to their present 42-foot house. The dimensions of the new houses are 35x100 feet and 42x100 feet.

John W. White, of Morton, Pa., who makes a specialty of carnations, is shipping to this market some of the finest stock seen here. The variety is White Wonder.

Eugene Bernheimer is featuring some fine roses of the varieties September Morn, Prima Donna and Daily Mail, for all of which there is a ready market.

men are showing fine condition.

The Philadelphia Wholesale Florists' Exchange is featuring some splendid stock of Carnation Beacon, shipped in by L. H. Dudham.

The Joseph Heacock Co. reports a good demand for palms in both large and small sizes.

P. M. Reed of the Whilldin Pottery Co., is the proud possessor of a new Buick auto.

S. S. Pennock-Meehan Co. is receiving shipments of very fine Russell roses.

The Robert Craig Co. reports a splendid business so far in pot plants.

The Leo Niessen Co. is very strong on roses, especially American Beauty.

F. C.

TORONTO, ONT.—The Allen Gardens greenhouses are undergoing improvements which will provide for better care of tropical plants.

BEAUTIES-RUSSELL AND OPHELIA ROSES VALLEY AND VIOLETS

and all other flowers in season. Ferns, Galax, Magnolia Leaves, Asparagus, Adiantum, Etc.

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1402 PINE STREET,

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American Beauties, Orchids, Valley. High Grade Roses and Carnations.

This is the exclusive shop, only one block from Express Depots.

1619-1621 Ranstead Street,

PHILADELPHIA, PA.

Wholesale Flower Markets

BUFFALO, Dec. 13.		Per 100
Beauty Special.....	40	00@50 00
" Fancy.....	30	00@35 00
" Extra.....	20	00@25 00
" 1st.....	15	00@20 00
" 2nd.....	4	00@8 00
Roses, Killarney.....	3	00@10 00
" My Maryland.....	4	00@10 00
" Sunburst.....	4	00@10 00
" Ward.....	4	00@6 00
" Ophelia.....	5	00@15 00
" Russell.....	6	00@20 00
" Stanley.....	6	00@12 00
" Mock.....	4	00@10 00
" Shawyer.....	5	00@12 00
Lily of the Valley.....	6	00@7 00
Lilies.....	10	00@12 00
Cattleyas.....	60	00@75 00
Carnations.....	3	00@5 00
Chrysanthemums.....	6	00@25 00
Violets.....	1	00@1 25
Asparagus Sprenger.....	35	@ 50
Ferns.....	per 1000,	2 50
Smilax.....	15	00@20 00

CINCINNATI, Dec. 13.		Per 100
American Beauty, per doz.,	75	@ 6 00
Roses, Killarney.....	4	00@12 00
" Mrs. Chas. Russell.....	8	00@25 00
" Ophelia.....	6	00@15 00
" Richmond.....	4	00@12 00
" Sunburst.....	4	00@12 00
Carnations.....	3	00@4 00
Lilium Giganteum.....	10	00@12 50
Lily of the Valley.....	6	00@7 00
Orchids.....	7	50@9 00
Narcissus.....	2	00@3 00
Violets.....	1	00@1 25
Stevia per bunch.....	25	@ 35

BOSTON Dec. 13		Per 100
Roses Beauty.....	20	00@60 00
" Killarney Queen.....	4	00@12 00
" White and Pink Killarney.....	4	00@12 00
" Double White Killarney.....	4	00@12 00
" Killarney Brilliant.....	6	00@16 00
" Hadley.....	6	00@16 00
" Cardinal.....	4	00@8 00
" Mock.....	8	00@16 00
" Mrs. Chas. Russell.....	8	00@16 00
" Sunburst.....	8	00@16 00
" Taft.....	4	00@6 00
" Milady.....	4	00@8 00
" Ward and Hillingdon.....	4	00@8 00
" My Maryland.....	50	@ 5 00
Cattleyas.....	60	00@75 00
Lily of the Valley.....	5	00@8 00
Sweet Peas.....	50	@ 1 00
Carnations.....	1	50@5 00
Paper White.....	2	50@3 00

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Cut Flower Market

262B DEVONSHIRE STREET,
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Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing.

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Wholesale Florist

262 Devonshire St., Boston, Mass.
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Orchids,
Valley, Carnations.

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High Grade Carnations

Always high grade Easter Lilies

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Plants and Florists'
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ply your wants. If it is on the mar-
ket we can furnish it.

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and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
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have it. Get our prices and we will fill
your orders. Satisfaction guaranteed.

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ORCHIDS, VALLEY, ROSES, EASTER LILIES

Unexcelled Opening for Carnation Consignors

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Lily of the Valley and Orchids, Chrysanthemums, Lilies,
Fancy Roses and Carnations.

FLORISTS' SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist.
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Dec. 13.		Per 100
Roses, Beauty, special	25	00@30 00
" " fancy	16	00@20 00
" " extra	12	00@15 00
" " shorter grades	6	00@10 00
" Mrs. Chas. Russell	3	30@15 00
" Prima Donna	3	00@15 00
" Killarney	2	00@6 00
" White Killarney	2	00@6 00
" Liberty	2	00@6 00
" Hadley	4	00@12 00
" Sunburst	3	00@6 30
" Ophelia	3	00@8 00
" Hoosier Beauty	4	00@6 00
Carnations	1	00@2 00

Cattleyas.....each, \$0 40@	50
Lilium Longiflorum	8 00@10 00
Valley	4 00@6 00
Calendulas	2 00@4 00
Daisies, yellow	1 00@3 00
" white	1 00@3 00
Violets, single	50@75
" double	50@75

PITTSBURGH, Dec. 13.		Per 100
Roses, Beauty, special	50	00
" " fancy	35	00
" " extra	25	00
" " No. 1	15	00
" Killarney	2	30@10 00
" My Maryland	2	00@10 00
" Sunburst	2	00@10 00
" Mrs. Aaron Ward	2	00@5 00
Cattleyas	5	00 00
Lilium Giganteum	12	00
Carnations	3	00
Lily of the Valley	6	00
Snappdragons	4	00
Paper Whites	4	00
Violets	75	
Adiantum	1	25
Stevia	1	50

Asparagus Sprengeri, per bunch,	50¢	40
MILWAUKEE, Dec. 13.		
Roses, Killarney and W. Killarney	3	00@ 8 00
" Ward	3	00@ 8 00
" Mrs. Chas. Russell	5	00@20 00
" Ophelia	4	00@10 00
" Hoosier Beauty	3	00@10 00
Lilies	12	50@15 00
Cattleyas, per doz., 10	00@12 00	
Carnations	2	00@ 4 00
Rubrams		4 00
Valley		6 00
Violets	75	@ 1 00
Bouvardia	75	@ 1 00
Stevia		1 50

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Orchids and all other flowers received daily.
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and other Seasonable Flowers.

Up-to-the-Minute Service. Satisfaction Guaranteed.
A good opening for a few more growers of cut flowers.

1615 Ranstead St., Philadelphia, Pa.

ST. LOUIS, Dec. 13.		Per 100
Beauty, Special	5	00 per doz.
" Fancy	4	00
" Extra	3	00
" No 1	2	00
" No 2	1	50
Short		8 00
Hadley	4	00@8 00
Killarney	3	00@6 00
Hoosier Beauty	4	00@8 00
Richmond	4	00@8 00
Sunburst	3	00@8 00
Ward	2	00@5 00
Mrs. Shawyer	6	00@15 00
Mrs. Russell	6	00@15 00
Ophelia	3	00@8 00
Carnations		2 00
Valley	4	00@6 00
Lilies		10 00
Orchids	50	00@60 00
Ferns	per 1000.	2 00

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Note Sales Days--MONDAY and THURSDAY.

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10,000 Square Feet Devoted to Our Auction Business.

Under Cut Flower-Exchange. Branch Store, 165 W. 34th St.
Write for Catalogue. Ask for Prices.

New York.

STOCK MOVES WELL AT GOOD PRICES.

While business was not exceptionally active during the past week, there was enough to keep the wholesale stores fairly well cleaned up at good prices. The supply of stock was not heavy; just about enough to supply the demand. American Beauties (special), brought 60 cents each, the first days of the week, but the demand was lighter toward the last and some sold for 50 cents. In tea roses, prices ranged from four and five cents for No. 2's, to 15 to 25 cents for specials, according to quality and variety. Our table of prices shows the variations. Orchids were more plentiful, but not much cheaper. Carnations gained. The best snapdragons went to \$1.50 and \$2 per dozen, but inferior stock was much cheaper. Violets have been dragging. While \$1 per 100 has been paid for a little special stock, the left-overs have gone as low as forty cents. Lily of the valley has been slow, but lilies are up to 12 cents. Gardenias are more plentiful and cheaper. Just as soon as Thanksgiving was over the retailers began to visit the plantsmen in search of Christmas plants; in fact, we believe that most of them were spying out the lay of the land, long before Thanksgiving. So far as we have gone, and that is some distance, "all sold out" is the watchword of the plantsmen, and it looks that way. It is too early to say how all the azaleas will turn out, but it is a safe guess that there will be no surplus. Good ardisias seem to be scarce and some retailers are trying to get stock from other cities. There seems to be a fair crop of poinsettias in sight, but as Christmas usually brings a large demand for them, there will be no surplus. Comparing the demand in past years with what it is likely to be this Christmas, we believe that heather is more plentiful than the majority of other flowering plants, and there is a fine stock of it to be seen. Cyclamens, solanums, primroses, daisies, celestial peppers, and begonias seem to be only in moderate supply.

December 11.—Business is fairly active. In roses and carnations the supply is not heavy and prices are firm. Orchids, gardenias and Paper White narcissus are more plentiful and cheaper, particularly gardenias. Lilies are doing well, and violets are holding their own. There is no change in lily of the valley. There are a few chrysanthemums on the market, but their finish is at hand. There is a movement in calendulas, mignonette and various minor stocks.

NOTES.

For the funeral of Bayard Thayer, December 3, a prominent citizen of Lancaster, Mass., J. H. Small & Sons sent two designers, A. N. Hauser and Frank Deery, who with their assistants, made up many fine designs, including a casket pall of lilies of the valley and orchids. They used all the white orchids that could be procured in the New York and Boston markets, and many other choice blooms. For the funeral of George C. Boldt, proprietor of the Waldorf-Astoria hotel, in this city and the Bellevue-Stratford in Philadelphia, who died December 5, the same firm had a very large amount

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York.

of work. For the New York City Hotel Men's Association, they arranged a standing wreath, which was 14 feet in height, the diameter being in proportion. It was filled with cattleyas, lily of the valley and violets, the base being American Beauties; for the New York State Hotel Men's Association, a large standing wreath of gardenias; for the head waiters and captains of the Waldorf-Astoria, a beautiful standing wreath of orchids and lilies; for the Waldorf-Astoria orchestra, a wreath of American Beauties; for the Geneva Society of America, a wreath of chrysanthemums. While the foregoing were among the most prominent designs, there were other very fine ones, the total being over one hundred. There were many wreaths of Easter lilies, also of L. rubrum; in fact, every flower that could be used in a design was noticed.

A. Ehmann, 2112 Broadway, arranged a magnificent decoration in the First Presbyterian Church of Passaic, N. J., recently, for the wedding of Miss Gertrude Bahnsen to Rudolph Zinsser. The platform was banked with palms and ferns, with large yellow chrysanthemums in the foreground. The windows were banked with chrysanthemums and foliage. Arches of smilax and chrysanthemums were arranged over the center aisle, under which the bridal party passed to the prie-dieu. The bride's bouquet was of white orchids and valley. The maid of honor carried an old fashioned bouquet containing a variety of flowers. The six bridesmaids carried bouquets of orchids and roses.

On the order of a business house, Craig Muir, 62 West 40th street, made up a fine design for the funeral of George C. Boldt. It was in the form of a pillar, being seven feet high, and entirely of white carnations. Around it a garland of cattleyas and adiantum was entwined. From the top, yellow roses drooped gracefully.

Albert A. Schanzer, formerly with Alexander Warendorff, is now with the Astoria Florist, 2188 Broadway, and is turning out good work. At this store we have recently noticed baskets, very handsomely made up with orchids and gardenias, others with yellow roses, yellow daisies and pansies.

Alexander Kupleman, who manages Fleischman's store in the Hudson terminal on Church street, reports good business. The Hudson terminal is a great thoroughfare for travelers on the Pennsylvania railroad and other lines, and Fleischman's flower store is a great attraction.

A. F. F.



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Roses, Beauty, special.....	50	00@60 00
" " extra and fancy.....	30	00@40 00
" " No 1 and No 2.....	10	00@20 00
" Prima Donna.....	4	00@25 00
" Alice Stanley.....	5	00@20 00
" Francis Scott Key.....	6	00@40 00
" Mrs Geo. Shawyer.....	4	00@15 00
" Double White Killarney.....	4	00@15 00
" Killarney, Special.....	10	00@12 00
" " No 1 and No 2.....	4	00@ 6 00
" " Queen.....	4	00@15 00
" " Brilliant.....	4	00@15 00
" Aaron Ward.....	6	00@15 00
" Richmond.....	3	00@12 00
" Sunburst.....	5	00@20 00
" J L Mock.....	5	00@25 00
" Ophelia.....	5	00@15 00
" Mrs. Chas. Russell.....	4	00@20 00
" Cleveland.....	4	00@15 00
" Hadley.....	5	00@60 00
" Hoosier Beauty.....	4	00@15 00
Cattleya Orchids, special..... each,		25@ 50
" " inferior grades.....		2 00@ 6 00
Bouvardia.....	2	00@ 8 00
Rubrum.....	6	00@ 8 00
Lilies, Longiflorum and Harrisii.....	4	00@ 12 00
Lily of the Valley.....	4	00@ 5 00
Carnations.....	3	00@ 3 00
Chrysanthemums..... per doz.	1	50@ 3 00
Gardenias..... per doz.	1	50@ 2 00
Sweet Peas.....	1	50@ 2 00
Snopdragons.....	8	00@10 00
Violets.....	50	@ 1 00
Paper White Narcissus.....	1	60@ 2 65
Adiantum Croweanum and		
" Hybridum.....	75	@ 1 00
Asparagus Plumosus..... doz. bchs.	2	50@ 3 00
Smilax..... doz. strings,	75	@ 1 00

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Asparagus Plumosus Nanus A Specialty.

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ARTISTIC FLORAL DECORATIONS A SPECIALTY
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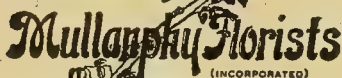
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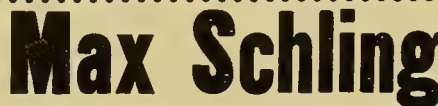
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TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

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Western Union Code.

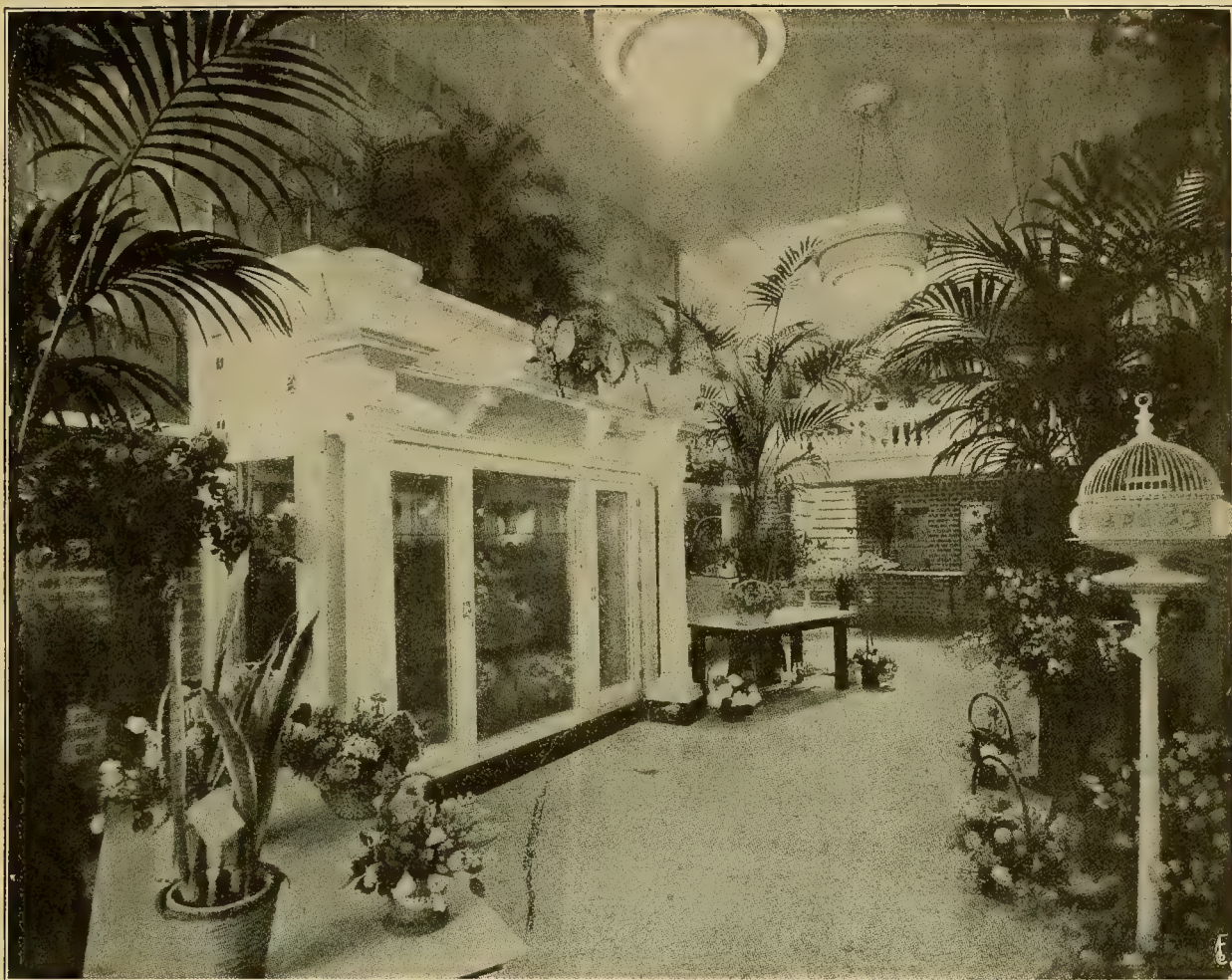
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ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.

Largest and most centrally located store in the city. All orders given prompt attention

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SAMUEL MURRAY

The Leading Flower Establishment of
KANSAS CITY

Will arrange and deliver orders for flowers, plants or design
work for the trade in any part of the Middle West. All goods
and service strictly first-class.

MEMBER OF FLORISTS' TELEGRAPH DELIVERY.

SAMUEL MURRAY

1017 Grand Avenue,

KANSAS CITY, MISSOURI

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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WILLS & SEGAR,

ROYAL EXOTIC NURSERY,

Onslow Crescent, S. Kensington, London

FLORISTS BY APPOINTMENT

—TO—

H. M. KING GEORGE V and H. M. QUEEN ALEXANDRA

We shall be pleased to carry out commissions from our American confreres to deliver

Cut Flowers, Floral Baskets, Floral Designs, Etc.

to American visitors in any part of Great Britain.

Cablegrams—"FLOSCULO, LONDON."

MERRY XMAS TO YOU ONE AND ALL.

CHARLES H. BROWN,

2366 Broadway

NEW YORK CITY

Choice Cut Flowers—Service and Arrangement the Best.

MEMBER FLORISTS TELEGRAPH DELIVERY.

JACK TREPEL,

480 Fulton St., BROOKLYN, N. Y.

Telephone Main 7933.

Located in the Heart of the Business District.

Special attention given to Telegraph Orders For Christmas.

Prompt Auto Delivery Within 50 Miles.

THE ASTORIA FLORIST

2188 Broadway,

Between 77th and 78th Sts.
Telephone 9414 Schuyler.

NEW YORK

Retail Florist.

Progressive and Strictly Up-to-Date

Toronto, Can.

Canada's best known and most reliable florist

Only the Best Dunlop's

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee safe arrival.

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Milwaukee, Wis.



J. M. Fox & Son, Inc.

437-39-41 Milwaukee St.

Members Florists' Telegraph Delivery Association.

Mention the American Florist when writing.

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1 Park Street

799 Boylston Street

Deliveries to steamers and all Eastern Points.

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The Park Floral Co.

J. A. VALENTINE,
President.

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Successor to Sievers & Boland

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Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

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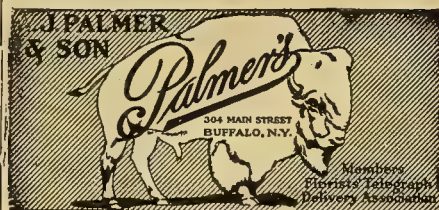
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536 SOUTH SALINA STREET

General designs—All flowers in season

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THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Mention the American Florist when writing.



Established 1894

516 Michigan Ave.
Congress Hotel Annex

Friedman

Send your CHRISTMAS orders that
require filling here and the vicinity of

CHICAGO

to us. **Tried, Tested and Proven.** "Nary" a
complaint in 22 years from an out-of-town patron.

Courtesies of the trade extended to all out-of-town florists. Member of the F. T. D.

Friedman

Advantageously Located for Quick Deliveries.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

CHRISTATOS & KOSTER**FLORISTS**

BRANCH AT
Ocean Avenue, West End, N. J.

717 Madison Ave., Bet. 63rd and 64th Streets, NEW YORK
Phone 4846 Plaza.

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**PHILIPS BROTHERS,
938 Broad St., NEWARK, N. J.**

Artistic Floral Work and Long Stem Beauties our Specialty.

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PATERSON, N. J. NATIONAL FLORIST F. T. D.

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Main and Bloomfield Aves., Passaic, N. J.

Orders from other cities promptly filled.

Mention the American Florist when writing

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
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Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

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St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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**SEATTLE, WASH.
HOLLYWOOD GARDENS**

Seattle's Leading Flower Shop

1536 SECOND AVE.

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Member Florist Tele-
graph Delivery.

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Orders promptly filled.

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John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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Telephone—Lenox 3822.

In the Heart of the most exclusive residential section.

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Hess & Swoboda

FLORISTS

1415 Farnum St.

PHONES:
1501 and L1582

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TELEGRAPH DELIVERIES IN CHICAGO

And its environs are more than “mere incidents” in the daily routine of business in our establishment. Choice selection and elegance in arrangement of the finest stock in almost unlimited variety available in this great flower market, together with a delivery service unsurpassed, enables you to assure patrons of “THE BEST FLOWERS BY TELEGRAPH”

when you wire

SCHILLER THE FLORIST

GEORGE ASMUS, Manager
CHICAGO, ILL.

3 UP-TO-DATE STORES; LARGEST RETAIL BUSINESS IN AMERICA

MEMBER OF FLORISTS' TELEGRAPH DELIVERY.

ALSO MEMBER NATIONAL FLORISTS.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Wishing You All A Merry Christmas And A Happy New Year

MYER, Florist

Madison Ave. at 58th St.

Telephone Plaza 5297

NEW YORK CITY

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D. M. McMurray
FLORIST

105 East Abriendo Ave.

Mention the American Florist when writing.

Send Telegraph, Telephone or Mail orders for florist service in this vicinity to

Howard & Smith

853 So. Olive St., Los Angeles, Calif.

Every Order sure to receive prompt and careful attention.

Mention the American Florist when writing.

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Randall's Flower Shop,
13 Pleasant Street.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing.

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G. E. M. STUMPP

761 Fifth Avenue

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing.

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OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing.

VAN METER FLOWER SHOP
SPRING and HIGH, **Springfield, O.**
BEST FLOWERS for EVERY OCCASION.

Mention the American Florist when writing.

Williamsport, Pa.
EVEN DEN BROS. CO.
Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

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Louisville, Ky.

Your Christmas orders for Kentucky and the South will receive prompt, careful, painstaking attention when entrusted to us.
Satisfaction assured—Our shipping facilities are the best in the state.



The South's
Most Modern
Floral and
Art Estab-
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Jacob Schulz Co., Inc.

550 Fourth Avenue

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HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

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A.W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

Mention the American Florist when writing.

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

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16 and 18 W. 3rd St.

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Established in 1883.
Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing.

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AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

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The London Flower Shop, Ltd.

1800 Chestnut Street

Members of Florists' Telegraph Delivery.

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GEO. H. COOKE

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Connecticut Avenue and L Street

Mention the American Florist when writing.

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440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.
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Floral Experts

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Augusta, Me.

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122 WINTHROP STREET

We deliver in Maine and all New England points.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

RETAIL FLORISTS

**Everywhere Are Cordially Invited to Send Their Orders
For Delivery in Chicago and Immediate Vicinity to Us.**

We are splendidly situated to handle such orders, for we carry a fine, large and complete stock at all times, and are so centrally located and so well equipped that we can give better service than any other concern in the city. Make it a point to see that your next telegraph, mail or telephone order for Chicago goes where it will be given the best possible attention, and that is to the

ALPHA FLORAL CO.

RETAIL FLORISTS

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Chicago Detroit CENTRAL FLORAL CO.

132 North State Street, CHICAGO, ILL.
35 Broadway, DETROIT, MICH.

Special attention given to telegraph and mail orders for delivery in either city and adjoining territory. Both of our stores are located in the heart of each city, which means quick and efficient service to theatres, hotels, depots, etc. Our Chicago store is located opposite Marshall Field & Co.'s retail establishment and one block from the Great Central Cut Flower Market.

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New York.

Drakos & Co.

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Newark, Ohio. CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

TERRE HAUTE, IND.

THINK OF HEINL'S

Mention the American Florist when writing.

HANFT BROS.

NEW YORK.

—Established 1848—
Madison Ave., at 62nd St.
PHONE PLAZA 428.

McKENNEY

503 Fifth Avenue

N. E. Cor. of 42d St.

In the Center of

NEW YORK.

Orders filled with the same care
as if you were here yourself.

QUALITY! EFFICIENCY!

F. T. D. Member.

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Cincinnati

Julius Baer

FLOWERS

Mail and Telegraph Orders carefully executed.

138-140 Fourth Street East

Mention the American Florist when writing

Boston, Mass.

Penn. The Florist

"Penn, The Telegraph Florist"

Member of Florists' Telegraph
Delivery Ass'n.

124 TREMONT STREET

Mention the American Florist when writing.

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

Mention the American Florist when writing

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REUTER'S

For Rhode Island and Connecticut
STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members of Florists' Telegraph Delivery.

Young & Nugent

Telephone 2065-2066 Madison Square.
42 West 28th Street,

To out-of-town florists:
We are in the Heart of NEW YORK
And give special attention to steamer and theater
orders. Prompt delivery and best
stock in the market.

Member of Florists' Telegraph Delivery.

Bangor, Me.

Adam Sekenger
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No. 32 NEWBURY STREET

We cover all points in Maine.

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery
in this section from the

LEADING FLORISTS OF THE NORTHWEST

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FOSTER
LORIST**

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MRS. E. A. WILLIAMS
621 Penn Ave.

CHARLES L. SCHMIDT

313 Market St., Harrisburg, Pa.
Night and day service in all Central Pennsylvania.

E. W. PEARSON

47 State St., NEWBURYPORT, MASS.,
Covers all New England points.

DES MOINES IOWA
ALFRED LOZIER ROSERY

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Alfred Lozier Rosery, Des Moines, Ia.
Alpha Floral Co., Chicago.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Astoria Florist, The, 2188 Broadway, New York.
Baer, Julius, Cincinnati, O.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Sons, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Briggs Floral Co., Chicago.
Brooklyn Cut Flower Market, Brooklyn, N. Y.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Callahan, M. J., Philadelphia, Pa.
Cathedral Florists, 2840 Broadway, New York.
Central Floral Co., Chicago, Ill.
Central Floral Co., Detroit, Mich.
Christatos & Koster, New York.
Christatos & Koster, West End, N. J.
Clarke's Sons, David, New York.
Comley, Henry R., 6 Park St., Boston, Mass.
Cooke, Geo. H., Conn. Ave., and L, Washington.
Dard's, 44th and Madison Ave., New York.
Danker, Albany, N. Y.
Dominion Floral Co., The, Montreal, Quebec.
Drakos & Co., 2953 Broadway, New York.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyes, 106 State St., Albany, N. Y.
Evenden Bros., Williamsport, Pa.
Foster, Fred, St. Louis, Mo.
Fox, J. M., & Son, Inc., Milwaukee, Wis.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Grimm & Gorly, St. Louis, Mo.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Hatcher, John C., Schenectady, N. Y.
Heinl & Sons, J. G., Terre Haute, Ind.
Hencle, Miles S., Syracuse, N. Y.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Higgins, N. F., Springfield, Mass.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Howard & Smith, Los Angeles, Calif.
Huscroft's Flower Shop, Steubenville, O.
Johnston & Co., T. J., Providence, R. I.
Joseph's, 233-235 Grant Ave., San Francisco.
Joy Floral Co., Nashville, Tenn.
Keller Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia, Pa.
Mangel, Chicago.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
McKenney, New York.
McMurray, D. M., Pueblo, Colo.
Metairie Ridge Nursery Co., New Orleans, La.
Miami Floral Co., Miami, Fla.
Meyer, New York.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Pearson, E. W., Newburyport, Mass.
Penn, The Florist, Boston, Mass.
Philips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Potter Floral Co., El Paso, Tex.
Pyfer & Olsem, Wilmette, Ill.
Randall's Flower Shop, Worcester, Mass.
Randolph & McClements, Pittsburgh, Pa.

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Wire and Mail Orders Our Specialty.

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Retail Store. Greenhouses.

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EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on
telegraphic order.

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Artistic Floral Work and Long Stem
Beauties Our Specialty.

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**Wolfskill Bros. and
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Cut Flower Merchants.

We solicit telegraph orders. Regular trade disct.
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Friedman

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Sedalia, Missouri.

Archias Floral Co.

Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone
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Reuter's, Westerly, R. I.

Robbins, F. A., Augusta, Me.

Rochester Floral Co., Rochester, Minn.

Rock, Wm. L., Flower Co., Kansas City.

Rye, George, Ft. Smith, Ark.

Sceery, Edward, Paterson, N. J.

Schiller the Florist, 2221 W. Madison, Chicago.

Schling, Max, 22 W. 59th St., New York.

Schmidt, Chas. L., Harrisburg, Pa.

Sekenger, Adam, Bangor, Me.

Seki Bros. & Co., Los Angeles, Calif.

Smith & Fetters Co., Cleveland, O.

Smith Co., A. W., Pittsburgh, Pa.

Smith, Henry, Grand Rapids, Mich.

Stumpp, G. E. M., New York.

Trepel, Joseph, Brooklyn, N. Y.

Van Meter Flower Shop, Springfield, O.

Walker Co., The F., Louisville, Ky.

Weber, F. H., St. Louis, Mo.

Whitted Floral Co., Minneapolis, Minn.

Williams, Mrs. E. A., Pittsburgh, Pa.

Wilson, J. S., Floral Co., Des Moines, Iowa.

Wittbold, G., 737 Buckingham Pl., Chicago.

Wolfskill Bros. & M. Goldenson, Los Angeles.

Young & Nugent, New York.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

SEND YOUR CHRISTMAS ORDERS

For Delivery In

Chicago and Detroit

(Centrally Located)

(Centrally Located)

TO THE

CENTRAL FLORAL CO.

132 North State St., Chicago
35 Broadway, Detroit, Mich.

Heaviest Stock of Cut Flowers and Plants in the City. Immediate Attention Guaranteed All Orders.

Special attention given to telegraph and mail orders for delivery in either city and adjoining territory. Both of our stores are located in the heart of each city, which means quick and efficient service to theatres, hotels, depots, etc. Our Chicago store is located opposite Marshall Field & Co.'s retail establishment and one block from the Great Central Cut Flower Market.

Connection desired with all out-of-town florists
with a view of exchanging Telegraph Orders.

DES MOINES



IN THE CENTER OF IOWA

J. S. Wilson Floral Co.

We cover all points in Iowa.

Members of Florists' Telegraph Delivery.

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M. J. CALLAHAN
FLOWERS

3924 Market Street Both Phones

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DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great
Northwest. Daily deliveries to Superior, Wis.

Lang Floral & Nursery Co., Dallas Texas

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Write or wire headquarters for flowers for Texas
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too large, none too small.

SAN FRANCISCO
JOSEPH'S

233-235 GRANT AVENUE

Members of Florists' Telegraph Delivery and National Florists for this District. A specialty made of "Welcoming" and "Bon Voyage" packages.

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HENRY R. COMLEY, Florist, 6 Park St.

50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

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Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Hoffmans, N. Y.

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St. Louis, Mo.

WIRE

Grimm & Gorly

Mention the American Florist when writing.

PROVIDENCE, R.I.

and all T. J. JOHNSTON & CO.
NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

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C. Trauenerfeldt
FLORIST3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

For Wisconsin Delivery

OF

"Home Grown Flowers"

Get in touch with

J. E. MATTHEWSON, SHEBOYGAN, WISCONSIN.

Member of Florists' Telegraph Delivery.



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FLORISTS
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WASHINGTON D.C.

WASHINGTON
D. C.

Gudes'

Members of Florists' Telegraph Delivery.

N. F. HIGGINS

FLORIST AND DECORATOR

150 State St., SPRINGFIELD, MASS.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr.

Wire, Write or Phone West 822

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing.

Brooklyn, N. Y.

JOSEPH TREPEL

BROOKLYN'S LARGEST FLORIST
SEVEN STORES

Main Store—334 Lewis Ave., Telephone
No. 1150 Bedford
Telegraph orders delivered to all parts of New York City,
Brooklyn and Long Island.

Toledo, O.

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(Successor to Geo. A. Heint)

336 Superior St., Toledo, O.
Both Phones, 527.

Special attention to Mail and Telegraph Orders

Member of Florists' Telegraph Delivery.

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J. B. KELLER SONS, FLORISTS

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Rochester Phone, 506 Long Dist. Bell Phone 2189
Members of Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City

Duluth, Minn.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries
everywhere in Minnesota. Wisconsin, North
Dakota, South Dakota and the Upper Peninsula
of Michigan. All orders given prompt
attention and filled with strictly fresh stock.

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Robt C. Kerr Floral Co.

Main and McKinney Phone, Preston 160

LEWIS HENDERSON, Florist

1814 Douglas St., OMAHA, NEB.

Member of Florists' Telegraph Delivery.

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Filling Telegraph Orders.

Albany, N. Y.—Danker.
Albany, N. Y.—Eyes, 106 State St.
Amsterdam, N. Y.—John C. Hatcher.
Augusta, Me.—Robbins, F. A., 122 Winthrop St.
Bangor, Me.—Sekenger, Adam, 32 Newbury St.
Boston, Mass.—Comley, Henry R.
Boston, Mass.—Thos. F. Galvin, Inc.
Boston, Mass.—Penn. The Florist.
Brooklyn, N. Y.—Brooklyn Cut Flower Market.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Briggs Floral Co.
Chicago—Central Floral Co., 132 N. State St.
Chicago—Friedman, 522 S. Michigan Blvd.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder, 3343 W. Madison St.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel, 17 E. Monroe St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Julius Baer.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters Co.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Mathews, the Florist.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alfred Lozier Rosery.
Des Moines, Ia.—J. S. Wilson Floral Co.
Detroit, Mich.—Central Floral Co., 35 Broadway.
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Duluth, Minn.—J. J. Leborious.
El Paso, Texas—Potter Floral Co.
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Houston, Tex.—Robt. C. Kerr Floral Co.
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Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
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Lincoln, Neb.—Frey & Frey.
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Milwaukee, Wis.—J. M. Fox & Son, Inc.
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Miami, Fla.—Miami Floral Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Philips Bros.
Newark, O.—Chas. A. Duerr.
Newburyport, Mass.—E. W. Pearson.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—The Astoria Florist.
New York—The Boulevard Floral Co.
New York—Cathedral Florists.
New York—Christatos & Koster.
New York—Dard's, 44th and Madison Ave.
New York—Drakos & Co.
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New York—David Clarke's Sons.
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New York—Meyer.
New York—Max Schling, 22 W. 29th St.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Paterson, N. J.—Edward Sceery.
Philadelphia, Pa.—M. J. Callaban.
Philadelphia—The London Flower Shop, Ltd.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Pittsburgh, Pa.—Mrs. E. A. Williams.
Providence, R. I.—T. J. Johnston & Co.
Pueblo, Colo.—McMurray, D. M.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Schenectady, N. Y.—John C. Hatcher.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Foster, Fred.
St. Louis, Mo.—Grimm & Gorly.
St. Louis, Mo.—Mullaughy Florists.
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Phones, 1552-1553 Columbus

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Mail or telegraphic orders promptly and most carefully executed.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

TRY H E S S I O N

Madison Ave. and 76th St., NEW YORK

FOR "QUALITY" FLOWERS

Over forty years, doing one thing better and better each year, guarantees your orders being attended to promptly and efficiently. Two greenhouses attached.

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FLORIST

All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

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St. Louis, Mo.

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Flowers delivered in city and state on short notice

Member of Florists' Telegraph Delivery.

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Orders Carefully Executed

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Wholesale and Retail

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Huscroft's Flower Shop

173 North Fourth Street

All Orders Promptly Executed

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LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

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California Florists

will take care of all telegraphic orders.

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Orders will be carefully cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS

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GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders for Designs and Cut Flowers in Michigan

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**Rock's
FLOWERS**

Members Florists' Telegraph Delivery Ass'n.

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**The
Palmer House
Florist**
17 E. MONROE ST.

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C. H. FREY Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

Send Telegraph, Telephone or Mail Order, for florist service in this vicinity to

THE DOMINION FLORAL CO.

484 St. Catherine's St., West

Montreal, Que., Canada

Every order receives prompt and careful attention

El Paso, Texas.

Potter Floral Co.

Members of Florists' Telegraph Delivery.

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President; F. W. Bolgiano, Washington, D. C., First Vice-President; L. L. Olds, Madison, Wis., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fifth annual convention, June, 1917.

SUDAN GRASS seed is another scarce item, the asking price now being about double that of last year.

GEORGE R. PEDRICK & SON, Pedricktown, N. J., are mailing their customers a very handsome calendar.

GILROY, CALIF.—The Pieters-Wheeler Seed Co. is working 34 horses on its seed growing lands at the present time.

MUSCATINE, IA.—The many seed trade friends of J. E. Hoopes will be sorry to learn that he is seriously ill at his home here.

CHICAGO.—Prices for grass seed on the Board of Trade, December 13, were as follows: Timothy, \$4.00 to \$5.75 per 100 pounds.

PASADENA, CALIF.—Campbell Seed Store, Inc., reports very satisfactory trade, with increased business anticipated after January 1.

THE two first 1917 catalogues to reach us are those of J. N. Simon & Son, Philadelphia, Pa., and W. E. Marshall & Co., New York.

AMERICAN exporters of grass and clover seeds are giving the subject of future conditions after the close of the war a great deal of thought.

THE federal prison sentence passed on J. A. Everitt, Indianapolis, Ind., last week, is probably the first one ever given to an American seedsman.

KANSAS CITY, MO.—The price of kafir corn seed dropped 30 cents, December 11, to about \$2.10 per 100 pounds. It is reported that large buyers will go into the market at \$2.

THE blue grass fields adjacent to Kansas City, Mo., were filled with volunteer growth of white clover the past wet spring. Much seed of this might have been saved but dealers could not get farmers interested.

KANSAS crops of potatoes, millet, kaffir and the like, except alfalfa seed, are short. Western Nebraska sold uncleaned millet as low as \$1.50 per 100 pounds early. Some has gone into jobbers' hands, who are now taking a 50-cent advance.

VISITED CHICAGO: Edward Dungan and wife, Philadelphia, Pa.; H. G. Hastings, Atlanta, Ga.; W. B. Griswold, Lincoln, Neb.; F. C. Woodruff, New York; Thos. W. Chisholm, representing the Braslan Seed Growers' Co., San Jose, Calif.

F. H. BRUNNING, PTY., LTD., Melbourne, Australia, say the stocks of peas, beans and Australian Brown onion seed are both large and good this year. This firm further states that American correspondents continue to mail Australian letters at the domestic rate of postage, the rate to Australia being five cents per ounce letter.

FITCHBURG, MASS.—Edmund D. Garfield, Washington representative of the Brown Bag-Filling Machine Co., of this city, and in charge of the firm's contract for congressional seed distribution, died at Washington, November 19, after an illness of three days. He was favorably known to the seed trade, and had been in charge of the firm's Washington branch for the past four years.

Western Seedsmen's Association.

A special meeting of the Western Seedsmen's Association was held at the Hotel Martin, Sioux City, Ia., December 8. The members present or firms represented included H. A. Johns, president; M. L. Webster, secretary; G. H. Cummings and J. S. Michaels, of the Sioux City Seed & Nursery Co., Sioux City, Ia.; H. W. Buckbee, Rockford, Ill.; Thos. Tobin, of the Missouri Seed Co., Kansas City, Mo.; J. C. Robinson, of the J. C. Robinson Seed Co., Waterloo, Neb.; C. P. Coy, of C. P. Coy & Son, Waterloo, Neb.; Henry Windheim, of the Nebraska Seed Co., Omaha, Neb.; Fred Mangelsdorf, of Mangelsdorf Bros. Co., Atchison, Kans.; Vaughan's Seed Store, Chicago; Griswold Seed Co., Lincoln, Neb.; G. C. Thompson and Alex Bather, of Northrup, King & Co., Minneapolis, Minn. Guests of the association were F. C. Woodruff, of S. D. Woodruff & Son, New York; J. C. Leonard, of the Leonard Seed Co., Chicago, and L. W. Wheeler, of the Pieters-Wheeler Seed Co., Gilroy, Calif.

A three-hour session was devoted to routine business. Those in attendance were mainly disposed to agree with the Wholesale Seedsmen's League as to values for the coming season. Prices on some sweet corns were thought too high and tomato seed was shaded 10 per cent. Bean prices were sustained as were those of peas, except Alaska, reduced three dollars per cental. Some squash and pumpkin seed prices were advanced. It was deemed inadvisable to place any value on onion sets.

After the business session the party visited the plant of the Sioux City Seed & Nursery Co., where seed corn operations were in full swing, a large force being engaged in the hand selection of sweet varieties. President Johns, with Vice-President Cummings, of this company, and Messrs. Wise and Osborn, entertained the visitors at luncheon and at dinner. Thanks for the ride, visit and entertainment were proposed by Thos. Tobin and enthusiastically given together with three cheers and a tiger for President Johns.

Although the association was started on its career in the old Garretson hotel, Sioux City, this is the first meeting held there since its organization.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.
Correspondence
Solicited.

Postage Rates on Catalogues.

HEAVY INCREASE PROPOSED.

The post office appropriation bill now before congress includes some radical changes in the rates, among them one which removes catalogues from the parcel post class and places it in the third class, increasing the postage from two cents per pound to eight cents per pound. The bill also includes provisions for the zoning of newspapers and other publications at greatly increased rates. Seedsmen, nurserymen and others interested should lose no time in investigating these changes through their representatives in congress and the national organizations.

Holly and Green.

Holly quality in Chicago is below the average. Many cases have to be rejected by seedsmen and thrown on the produce street. Fancy cases bring \$5.

Bouquet green, bulk, was never so scarce. Sales are made at 22 and 25 cents per pound, market bare.

Catalogues Received.

The L. D. Waller Seed Co., Guadalupe, Calif., seeds; Los Robles Nursery & Garden, Santa Cruz, Calif., bulbs; Henry F. Michell Co., Philadelphia, Pa., seeds, bulbs and plants; Arthur T. Boddington Co., Inc., New York, bulbs; Carter's Tested Seeds, Inc., Boston, Mass., bulbs; W. Atlee Burpee & Co., Philadelphia, Pa., sweet peas; Princeton Nurseries, Princeton, N. J., nursery stock; Fraser Nursery Co., Huntsville, Ala., trees and shrubs; Harrison's Nurseries, Berlin, Md., fruit and ornamental nursery stock; The Cottage Gardens Nurseries, Eureka, Calif., ornamental nursery and florists' decorative and forcing stock; J. B. Pilkington, Portland, Ore., trees, shrubs, vines and plants; The North-Eastern Forestry Co., Cheshire, Conn., nursery stock; Pittsburgh Cut Flower Co., Pittsburgh, Pa., florists' supplies; Howard & Smith, Los Angeles, Calif., "What and When to Plant"; A. L. Randall Co., Chicago, florists' supplies; J. N. Simon & Son, Philadelphia, Pa., seeds for market gardeners; Benjamin Hammond, Brown, N. Y., insecticides and greenhouse paint.

Hjalmar-Hartman & Co., Copenhagen, Denmark, "Danish Seed Cultivation"; V. Le Moine & Son, Nancy, France, bulbs, plants and nursery stock; Watkins & Simpson, London, Eng., seeds; Simon Louis Freres & Co., Bruyeres-Le-Chatel, France, seeds; E. Turbat & Co., Orleans, France, nursery stock; King's Acre Nurseries, Hereford, Eng., trees, roses, clematis, etc.; Vincent Lebreton's, La Pyramide-Trelaze, France, nursery stock; Perry's Hardy Plant Farm, Enfield, Middx., Eng., alpine and perennials.

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids,

Mich.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

SPECIAL OFFER**Japanese Lilies****Longiflorum Giganteum**

(BLACK STEM.) Per 1000

7 to 9 in	\$30.00
All 8 in., selected.....	35.00
All 10 in., selected.....	75.00
All 12 in., selected.....	90.00

All selected bulbs of black stem.

Lilium Formosum

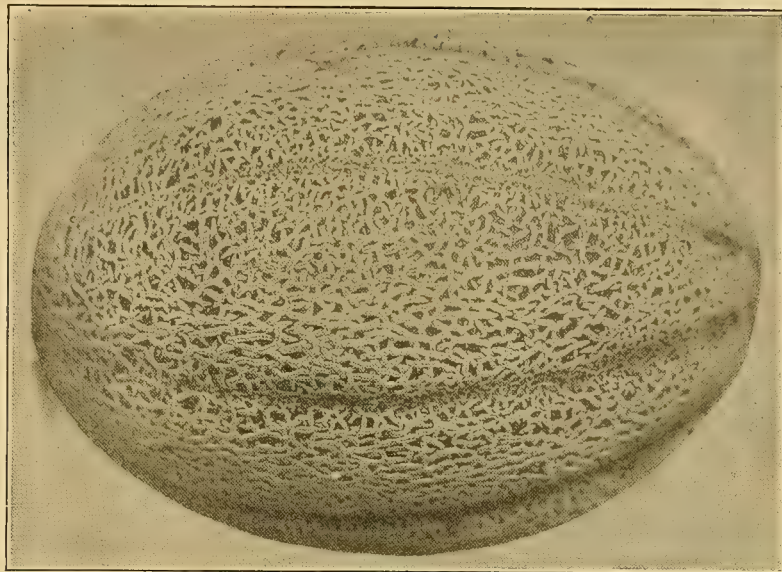
9 to 10 in.....per 1000,	\$80.00
7 to 9 in.....	51.00

Also selected high grade bulbs.

Lilium Multiflorum

7 to 9 in.....per 1000,	\$44.00
9 to 10 in.....	71.00
10 to 11 in.....	96.00

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53 Barclay Street, through to 54 Park Place
NEW YORK CITY.



ROCKY FORD CANTELOUPE.

Grown under irrigation by

Western Seed & Irrigation Company

Seed Growers and Dealers Specialties: Cucumber, Musk and Watermelon, Pumpkin, Squash, Sweet and Field Corn.

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AT IMPORT PRICES.

GIGANTEUM, 7-9, 8-10, 9-10, 10-11.

MULTIFLORUM, 7-9, -10.

AURATUM, 7-9, 9-11.

ALBUM, 9-11.

RUBRUM, 7-9, 8-10, 9-11.

MELPOMENE, 9-11.

Giganteum, 7-9, 8-10 and 9-10 also offered f. o. b. Chicago and London, Ont.

Write for prices and details, stating quantity desired.

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95 Chambers St., NEW YORK.

S. M. Isbell & Co.

JACKSON, MICH.

Contract Seed Growers

Beans, Cucumbers, Muskmelon, Watermelon, Squash, Sweet Corn.

Michigan-grown Radish our Specialty.

Correspondence Solicited.

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip, Radish, Beet, Etc.

Branches: Michigan, Wisconsin and Idaho. MILFORD, CONN.

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Asparagus Plumosus Nanus**Greenhouse Grown Seed**

1,000 Seeds, \$3.50 10,000 Seeds, \$32.50

Californian Grown Seed

1,000 Seeds, \$2.50 10,000 Seeds, \$22.50

5 per cent discount, Cash with order.

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NEW YORK.

FLOWER SEEDS

WE make a specialty of Flower Seeds for Florists and Seedsmen. We carry large stocks of all the popular varieties, such as Asters, Balsams, Bachelor's Button, Calendula, Cosmos, Dianthus, Marigold, Mignonette, Morning Glory, Portulaca, Phlox, Sweet Peas and Zinnias, etc., and shall be pleased to quote on your list of requirements for present and future use.

Vaughan's Seed Store, CHICAGO
NEW YORK

BEANS, PEAS, RADISH

AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write or prices.

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LANDRETH

SEEDS WHICH SUCCEED
Bloomsdale Farm. **Bristol, Pa.**

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Lilium Giganteum

7-9 in. and 9-10 in., for immediate delivery.

Write for Prices.

Yokohama Nursery Co., Ltd.
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THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds **Baltimore, Md.**

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J.C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

My New PRICE LIST of

Winter Orchid-Flowering Sweet Pea Seed

Has been mailed. If you have not received a copy, send Postal for it.

Part of new crop is ready now.

Ant. C. Zvolanek, Lompoc, Calif.

GARDEN SEED

Beet, Sweet, Corn, Garden Beans, Onion Sets, and Seed Potatoes in variety. Also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK
and Orange, Conn.

Closing Out = BULBS = Seasonable

Dutch Hyacinths

Miniatures

Plant in Pans For Easter Sales.

Named varieties, per 1000.....\$10.00

Tulips (Early)

Per 1000

Less 20 PER CENT in 1000 lots.

La Reine.....\$ 6.75
Belle Alliance.....10.00
Mme. Frylink.....18.00
Chrysolora.....9.00
Yellow Prince.....8.00
Thos. Moore.....6.75
Cottage Maid.....7.50

Tulips

Darwin and Cottage

Less 20 PER CENT in 1000 lots.

Gesneriana Spatulata.....Per 1000 \$ 8.50
Bizards, mixed.....8.00
Sweet Nancy.....10.00
Mad. Krelage.....10.00
Sultan.....10.00

Narcissus

Per 1000

French Trumpet Major (1750 bulbs to the case).....\$10.00
Victoria, (bicolor), mother bulbs.....20.00
Select size.....10.00

"JOSS" LILIES, Chinese Narcissus,
per mat, (120 bulbs), \$5.00 at
Chicago. In New York, \$6.00.

Lilium Formosum

Per 1000

6 to 8-inch, (350 to case) regular strain.....\$35.00
6 to 8-inch (350 to case) true-black stem variety.....40.00

Gladiolus Colvillei

Blushing Bride.....Per 1000 \$5.50
The Bride.....6.00
Peach Blossom.....7.00

Spanish Iris

Per 1000

Named varieties, 4 separate colors....\$6.00

Spiraea (Just in)

Per 100

America, Lilac Rose.....\$11.00
Avalanche, White.....12.00
Gladstone, White.....10.00
Queen Alex., Pink.....11.00

Valley (New Crop)

Per 1000

Pips, Hamburg, Holland Grown....\$17.00
This stock proved very satisfactory last season.

Clumps, per 100.....\$18.00

Hardy Lilies

Just arrived in fine order.

Lilium Auratum, Per 100 Per 1000
(160 to case).....\$ 5.50 \$ 48.00
Lilium Auratum, 9-11 in., (100 to case), 8.00 75.00
Lilium Rubrum, 8-9 in., (160 to case), 5.50 50.00
Lilium Rubrum, 9-11 in., (100 to case), 9.00 85.00
Lilium Album, 9-11 in., (100 to case), 12.00 100.00

Lilium Giganteum

NEW CROP

Per 1000

6 to 8-inch (400 to case).....\$30.00
7 to 9-inch (300 to case).....45.00
8 to 9-inch (250 to case).....65.00
9 to 10-inch (200 to case).....88.00

CHICAGO Vaughan's Seed Store NEW YORK

Mention the American Florist when writing.

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence Solicited. **SWEDSBORO, N. J.**

Grass Mixtures

— FOR —

Golf-Tennis-Polo

MEET ALL REQUIREMENTS FOR ALL SOILS

The Albert Dickinson Co.,
CHICAGO, ILL.

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The L. D. Waller Seed Co.

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Wholesale Growers of

FLOWER SEEDS, SWEET PEAS AND NASTURTIUMS

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BRUNNINGS

Now contracting for Beans and Peas for 1917, 1916 stocks being exhausted.

AUSTRALIAN BROWN ONION

1915-1916 crop seed still available

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing.

Waldo Rohnert

GILROY, CAL.

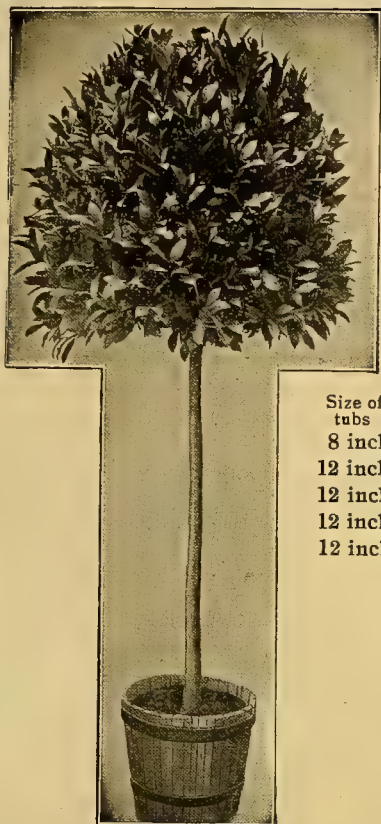
Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Asters, Cosmos, Mignonette, Verbena in variety.

Correspondence Solicited.

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TRADE DIRECTORY, \$3.00 Postpaid.



BAY TREES

A new importation has been received from Belgium in prime condition, as nice a lot of trees as we have ever imported. Prices are slightly advanced over previous seasons, due to higher importation charges. All of these are supplied in the original Belgian tubs in which they were imported.

Standard or Tree-Shaped Bay Trees.

Size of tubs	Height of stem	Diameter of Crown	Price each	Size of tubs	Height of stem	Diameter of Crown	Price each
8 inch	18 inches	16 inches	\$ 3.50	15 inch	26-32 inches	24-30 inches	\$ 7.50
12 inch	38-44 inches	18-20 inches	5.00	18 inch	44-52 inches	30 inches	9.00
12 inch	38-44 inches	20-22 inches	6.00	18 inch	46-52 inches	32 inches	12.00
12 inch	40-46 inches	20-22 inches	6.00	20 inch	40-48 inches	32-36 inches	18.00
12 inch	40-46 inches	24-26 inches	7.50				

Pyramid-Shaped Bay Trees.

Size of tubs	Diameter at base	Height	Price each
10 inch	18 inches	3½ to 4½ feet	\$ 3.50
14 inch	18-20 inches	5 to 5½ feet	6.00
14 inch	22-24 inches	5½ to 6 feet	7.50
18 inch	24-26 inches	6 to 6½ feet	12.00
18 inch	28-32 inches	7½ to 8 feet	15.00

The prices quoted above are for the Trade only.

Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON,
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1917 crop.

Sioux City Seed & Nursery Co.
Established 1883.

James Vick's Sons

Seedsman, Nurserymen, Florists

SEEDS
PLANTS
BULBS

All the leading
kinds for summer
and fall planting.

Ask for Catalogues. **ROCHESTER, N. Y.**
Mention the American Florist when writing.

R. & M. GODINEAU

SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Cereals, Parsleys, Farsnips, Turnips.

Growing Crops Given Personal Attention.

BARNARD'S
Seed Store
231-235 W. Madison St.
CHICAGO.

KELWAYS RENOWNED SEEDS

One Quality Throughout

THE BEST

Medal of Honor Panama Exhibition, 1915. LATEST AWARD—Royal
Horticultural Society's GOLD MEDAL, 1916.

If not already in your hands, WRITE NOW for our new 1917

CATALOGUES OF GARDEN, FARM AND FLOWER SEEDS

Containing many NOVELTIES of STERLING MERIT which
should be catalogued by every enterprising SEEDSMAN.

REAL INDEPENDENT PRICES

Catalogues and SPECIAL FORWARD PRICES sent free to genuine SEED DEALERS.

KELWAY & SON, LANGPORT, ENG.

WHOLESALE SEED GROWERS.

THE KIMBERLIN SEED CO.

WHOLESALE SEED GROWERS **SANTA CLARA, CAL.**

Growers of

ONION, LETTUCE, RADISH, ETC.

Correspondence solicited.

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc.
Moorestown, New Jersey

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of
FLOWER and GARDEN SEEDS

Market Gardeners

Vegetable Growers' Association of America.

H. W. Selby, Philadelphia, Pa., President;
H. F. Thompson, Arlington, Mass., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; Eugene Davis, Grand Rapids,
Mich., Treasurer.

Next annual convention will be held at
Springfield, Mass., in 1917.

FARMERS' BULLETIN 766, under title of "The Common Cabbage Worm," devotes 16 pages, well illustrated, to the history of the most destructive enemies of cabbage and related crops with suggestions for control.

Potato Prices at New York.

Potato prices at New York, December 9, were as follows: Bermuda, No. 1, per bbl., \$7.00 to \$8.00; Long Island, 180 lbs., \$4.50 to \$5.00; Maine, 165-lb. bag, \$4.50 to \$4.65; Canadian, 165-lb. bag, \$4.35 to \$4.55; Southern, late crop, 165-lb. bag, \$3.75 to \$4.35; Southern sweet, bbl., \$2.00 to \$4.25.

Prices of Indoor Fruits and Vegetables.

Chicago, Dec. 12.—Mushrooms, home grown, 20 to 30 cents per pound; lettuce, small cases, 10 and 15 cents; radishes, \$1.50 per 100 bunches; celery, 75 to 90 cents, open crate; tomatoes, 10-lb. baskets, \$1.00 to \$1.40; cucumbers, per 2 dozen box, \$2.75.

New York, Dec. 12. — Celery, per crate, \$2.00 to \$3.50; cucumbers, 50 cents to \$1.25 per dozen; mushrooms, 75 cents to \$1.65 per 4-lb. basket; tomatoes, per lb., 10 to 20 cents; radishes, per 100 bunches, \$2.00 to \$4.00; lettuce, per box, \$3.00 to \$4.00.

Onion Shipments From France.

The total number of cars of Bermuda onions shipped in 1916 from Texas points reported to the bureau of crop estimates, United States department of agriculture, was 4,903, averaging 464 crates. The highest average yield per acre was at Valley Wells, Dimmit county, the production reported being 780 bushels per acre on two acres of land. An average of 600 bushels per acre is reported from an area of 300 acres at Laredo. The lowest yield is reported from Ishtas, Webb county, with an average yield of 20 bushels for 60 acres.

Fruit and Vegetable Shippers Violate Law.

Officials in charge of the enforcement of the food and drugs act report that inspectors have found several interstate shipments of fruits and vegetables, such as grapes, tomatoes and berries, which contain no statement on the packages as to the quantity of contents. The net weight amendment to the federal food and drugs act requires that all packages of foods which are shipped into interstate or foreign commerce must be marked plainly and conspicuously with a statement of the quantity of the net contents, either by weight or measure. Shippers who violate the law by failing to mark the quantity of the contents of each package of fruits and vegetables they ship into interstate commerce are liable to criminal prosecution.

Potato Supply May Be Cut.

The Journal of Commerce published the following, December 9:

Montreal, Dec. 8.—The expected large shipments of potatoes from the maritime provinces to east United States ports, of which Portland and Boston are the two principal ones which have government permits to receive potatoes from Canada, may be considerably cut down or stopped entirely unless shippers and receivers are more particular in complying with the inspection requirements of American government officials.

The Canadian department of agriculture and the United States department of agriculture have both, of late, had considerable correspondence regarding the entry of Canadian potatoes into the American market. So far this year between 10 and 15 cargoes of potatoes have been refused entry into the United States because the Canadian firms shipping have not complied with the conditions of the understanding arrived at between the American and Canadian governments. If exporters of potatoes continue to make such shipments it is said that the department of agriculture of the United States will put an end to that understanding which was arrived at

last year, when the embargo on Canadian potatoes was conditionally lifted.

The refusal of entry of potatoes into the United States from Canada would meet with the hearty approval of all the Canadian consumers, as at present the housewives' leagues throughout Canada are trying to boycott the potato market to bring down the potato price.

CONTRACT GROWER of

Cucumber and Muskmelon Seed

I offer Pure Stock, Personal Service Intimate Knowledge of Stocks and Local Conditions.

Good Deliveries and Moderate Prices.

R. H. JAMES, Rocky Ford, Colo.

Mushroom Growing

By B. M. Duggar.

Presenting accurately the requirements for success.

260 pages, cloth, fully illustrated, Price, \$1.50.

American Florist Company
440 S. Dearborn Street, Chicago

TO THE TRADE.

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1787.)

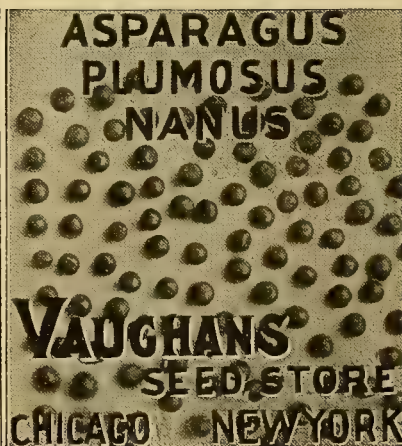
SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuce, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, Pansies, Phloxes, Primulas, Scabiosa Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES—(mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

Asparagus Plumosus Nanus



NEW CROP SEED NORTHERN GREENHOUSE GROWN

Price Per 100 seeds, 50c; 250 seeds, \$1.00; 1000 seeds, \$3.50;
5000 to 10,000 seeds at \$3.25 per 1000.

Prices on larger amounts on application.

CHICAGO

VAUGHAN'S SEED STORE,

NEW YORK

To Grow on for
EASTER

CLIMBING ROSES

Field-Grown
Extra Strong

We offer the following list of **EXTRA STRONG FIELD-GROWN** stock that will make **FINE PLANTS FOR EASTER** if started cool.

3 YEAR OLD.

Excelsa—"Red Dorothy Perkins."
Delight—Bright carmine flowers; base of petals, white.
Dorothy Perkins—Beautiful shell-pink.
Flower of Fairfield—Everblooming Crimson Rambler.
Hiawatha—Single crimson, lighter center.
Lady Gay—Beautiful cherry pink.
Price: Doz., \$3.00; 100, \$22.00; 1000, \$200.00

2 YEAR OLD.

Crimson Rambler.
Dorothy Perkins.
Excelsa.
Flower of Fairfield.
White Dorothy Perkins.
Baby Ramblers.
Price: Doz., \$2.00; 100, \$15.00; 1000, \$140.00

HYBRID PERPETUAL ROSES--2 Year.

	Doz.	100
Anna de Diesbach.....	\$2.00	\$14.00
Frau Karl Druschki.....	2.50	18.00
General Jacqueminot.....	2.00	14.00
Gloire Lyonnaise.....	2.00	15.00
Mabel Morrison.....	2.00	15.00
Magna Charta.....	2.00	15.00

	Doz.	100
Mrs. John Laing.....	\$2.00	\$15.00
Paul Neyron.....	2.00	15.00
Prince C. De Rohan.....	2.00	15.00
Ulrich Brunner.....	2.00	15.00
Persian Yellow.....	2.00	15.00
Orleans.....	2.50	18.00

Ask for Prices on All Decorative Plants for Xmas. See advertisement Page 1100.

CHICAGO

VAUGHAN'S SEED STORE

NEW YORK

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Before Placing Orders for

SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; **TOMATO, LIMA and POLE BEANS**, write

JOHN BODGER & SONS CO.,

Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Providence, R. I.

NOTES.

The Florists' and Gardeners' Club of Rhode Island at its last meeting re-elected the present officers. They are: James Dillon, president; Wm. Steele, vice-president; Jas. Hockey, treasurer; Wm. E. Chappell, 333 Branch avenue, Providence, secretary. The club will hold a special meeting December 11.

Samuel Resnick, of the Joseph Kopelman & Co.'s force, who has been confined to the hospital, is, we are glad to report, improving, and it is hoped he will be out in the very near future.

T. J. Johnston & Company are making extensive repairs at their new store on Washington street, making it one of the most attractive stores in Providence. It will be the best ever.

The evergreen men are beginning to make their appearance. From all indications their stock will bring good prices this year.

Bourgaize of the Hoxie Nurseries has been cutting some excellent chrysanthemums, which have found a ready market.

Olney Williams is cutting good Bonnaffons, and cleaning up.

H. A. T.

TORONTO, ONT.—Improvements that will add much to the attractiveness of the store are being made by J. A. Neal at his Yonge street location.

Nephrolepis Verona

Best of all crested ferns, rapid grower; it's splendid fronds stand up well; each show individually; does not rot in center.

BUY FROM THE ORIGINATORS.

	Per 100	Per 1000		Per 100	Per 1000
2-inch.....	\$8.00	\$72.00	3-inch.....	\$12.00	\$90.00

BAMBOO

Best decorative plant that grows; strong bushy stock.

7-inch pots	\$1.50 each	12-inch tubs.....	\$6.00 each
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P. S. Randolph & Sons

Wholesale Florists and Plant Specialists

R. D. VERONA, - PA.

GERANIUMS

Immediate delivery at \$13.50 per 1000 for S. A. Nutt and Buchner and \$16.00 per 1000 for Ricard and Foltvins.

Asparagus Plumosus, fine stock at \$25.00 per 1000; same rate per 100.

ALBERT M. HERR, LANCASTER, PA.

BOX WOODS—MOST BEAUTIFUL STOCK

Pyramids, 2 -ft.....	\$1.00 each
Pyramids, 2½-ft.....	1.50 each
Pyramids, 3 -ft.....	2.00 each
Pyramids, 3½-ft.....	2.50 each
Standard Shape, 14x14 in.....	2.50 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 15-in.....	.35c each

F. O. FRANZEN 5319 N. Clark St
CHICAGO

CARNATIONS

F. DORNER & SONS CO.,

Lafayette, - - Indiana

G. MESSEBERG

Lenox Road and East 39th St.

Telephone 117 Flatbush

BROOKLYN, - N. Y.

Christmas Plants in Variety

Poinsettias, Primroses, Etc.

If You are interested in Mid-Winter

Blooming Plants

—or anything in—

Soft Wooded Plants

—Write—

Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

The Nursery Trade

American Association of Nurserymen.

John Watson, Newark, N. Y., President;
Lloyd C. Stark, Louisiana, Mo., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-second annual convention will be held at Philadelphia, Pa., June, 1917.

NASHVILLE, TENN.—A new city park will occupy the area burned last spring, when more than 800 buildings were destroyed.

HOUSTON, TEX.—C. L. Brock, park superintendent, has contracted for a large quantity of shrubs to be used in the city parks during the coming year.

ALHAMBRA, CALIF.—E. R. Davis and H. M. Gessler, florists and nurserymen, have combined their businesses and will erect a range in the near future.

ROCHESTER, N. Y.—Walter F. Webb, 202 Westminster road, this city, will organize a company in the near future under the name of Guaranty Nursery Co.

WILKES-BARRE, PA.—Several hundred acres will be added to the city park system, together with 95 acres which will be devoted to a military drill and athletic field.

Registration of Orchards in New Zealand.

At the last session of Parliament the orchards and garden diseases act under the department of agriculture was enacted, which authorized the department of agriculture to require every person owning or occupying a lot or farm on which there was even a single fruit tree growing to register the same on or before October 26, 1916.

This was the outgrowth of a request on the part of the nurserymen and the large fruit growers requesting the government to impose a tax of 1/- (24 cents) per acre on all orchards containing 1 acre or more, with the idea of using the income to assist in developing the industry in general in this dominion.

The regulation requires all persons having at least one fruit tree on their property to register and permit inspection of the same, with the idea of having such trees destroyed providing they do not pass inspection, but there is no charge for registration in the case of orchards covering less than one acre.

All of this is considered important by the principal fruit growers of the country, since it is expected that this may help to eradicate the diseases now more or less prevalent that might seriously affect this important industry that is increasing so rapidly of late.

Pittsburgh, Pa.

GOOD HOLIDAY BUSINESS IN SIGHT.

With a good flower business and preparing for the holidays, the florists have been very busy as all expect a large year. Cut flowers have been moving well with sufficient stock to supply the demand. This market seems higher than any other at present for many stores are securing shipments from out-of-town at very low prices. Some very good white chrysanthemums are on the market and sell on sight. Carnations are of good quality and bring from \$3 to \$4 per 100. Short roses are in demand, but not enough to reach around. The longer stems do not sell well. American Beauties are too high to induce the buyers, therefore many are left after each day's sales. Paper Whites are more plentiful and sell at \$3 per 100. Sweet peas, yellow daisies and violets are in demand. Stevia always sells well. Blooming plants seem to be scarce, which may cause a greater demand for cut flowers this Christmas.

NOTES.

Allen Langhans, of Warren, Pa., called on the "boys" this week. He was formerly in the flower business, but now is engaged in the oil business. John Walker came from Youngstown, looking for good blooming plants.

Miss Jane McDowell was in the city to do her buying for Christmas. Miss Margaret Krut of Butler came last week to purchase supplies for their two stores.

Mrs. E. A. Williams had the decoration for the first ball of the season at the Pittsburgh club, December 8. It was a very elaborate affair.

McCallum Co. received 3,000 pounds of very fine boxwood December 9, which was sold before it left the express wagon.

The death of two city officials this week caused quite a demand for flowers.

Julius Dilhoff called on the trade this week.

G. M.

Tulsa, Okla.

The Sand Springs Greenhouses made a splendid record with chrysanthemums this season, the total output of which was handled by Henry's Hothouse. In one bed alone there were about 3,000 William Turner the quality being exceptionally fine.

Henry's Hothouse has put on a new covered "Saxon Six" for its delivery service. Thanksgiving business was double that of 1915, and there has been no let up to speak of since November 30.

Mrs. Josephine De Haven has added an auto to her delivery service.

Hill's Evergreens

BEST FOR OVER HALF A CENTURY

Small, medium and large sizes supplied.

Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists Largest Growers in America
Box 404, DUNDEE, ILL.

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,

P. O. Berlin, N. J. Williamstown Junc., N. J.

Mention the American Florist when writing.

ROSES, CANNAS

Shrubbery

THE CONARD & JONES CO.,

West Grove, Penna.

Mention the American Florist when writing.

PEONIES and IRIS

Write for list.

PETERSON NURSERY

Stock Exchange Building, CHICAGO

Mention the American Florist when writing

OWN ROOT

ROSES

Pot grown
2¼ and 4-in.

Field grown
to pot 5 to 6-in.

THE LEEDLE FLORAL COMPANY
SPRINGFIELD-OHIO

Mention the American Florist when writing

Trade Directory

PRICE: \$3.00, postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St.

CHICAGO

Selected Forcing-Grade ROSES

CLIMBERS, Extra Strong.
\$15 per 100.

Excelsa (Red Dorothy Perkins). Crimson Rambler, American Pillar, Dorothy Perkins, Climbing American Beauty, Lady Gay.

BABY ROSES.

\$15 per 100, except as noted.

Jessie, Orleans, Baby Rambler, Mrs. Cutbush, Ellen Paulsen, Echo. (flower-like Tausendschon), extra fine, \$18 per 100.

Jackson & Perkins Co.

Newark, New York.

AMARYLLIS (Hippeastrum)

\$18.00, \$22.00, \$25.00 per 100 Mixed Colors.
Fancy Stock, \$1.00 to \$5.00 Each.

C. S. TAIT, BRUNSWICK, GA.

Special Grade California Privet

I have 450,000 of this **special grade** of California Privet, grown by a new method.

Price (for 30 days only), 12 to 18 inches, \$8.00 per 1000

“ “ “ “ “ **1½ to 2 feet, 10.50 per 1000**

Packed for cash with order. No order accepted for less than 1000 plants.

Also over **two millions of California Privet** of finest quality, in all sizes, from one to four feet, grown in the usual way. Attractive prices given upon request, especially on carload lots.

Amoor Privet, Polish Privet and Berberis Thunbergii in quantity.

J. T. LOVETT,

Little Silver, N. J.

Ferns in Flats

In Best Varieties For Fern Dishes.

\$1.50 per 100

100,000 READY NOW

Write for Wholesale Catalogue of
FERNS, KENTIAS, ETC., to

H. PLATH

"THE FERNERIES"

Lawrence and Winnipeg Avenues.
SAN FRANCISCO, CALIF.

Mention the American Florist when writing.

Orchids

If you want **Orchids** for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but **Orchids**. Special lists on application.

LAGER & HURRELL, Summit, N. J.

CHAS. H. TOTTY

MADISON, NEW JERSEY

Wholesale Florist

Chrysanthemum Novelties my Specialty

ORCHIDS

FRANCISCO DELGADO Q.

ORCHID COLLECTOR

Solicits orders for shipments of Orchids.
Prices quoted upon application.

BOGOTO (Chapinero) COLOMBIA.

Robert Craig Co...

High Class PALMS

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

**COTTAGE GARDENS NURSERIES, Inc.,
EUREKA, CALIF.**

Largest growers of

**Ornamental Nursery and Florist Stock
IN AMERICA.**

-- NOW READY --

PRELIMINARY CATALOGUE containing full descriptions and suggestions for growing **RHODODENDRONS, INDIAN AZALEAS, BOXWOOD, HOLLIES, WINTER-BLOOMING and BERRIED PLANTS** from **AUSTRALIA, JAPAN, ASIA, CHILE and CALIFORNIA**, suitable for use in the Commercial Florist Trade.

Also NARCISSI, HYACINTHS, TULIPS and PEONIES

If interested mail us your name and address please.

**HILL'S CHOICE LANDSCAPE, DECORATIVE
AND FORCING STOCK FOR FLORISTS' TRADE**

Boxwoods—Pyramids, Standards, Globes, Bush, Dwarf—one of our leading specialties. Stocked in enormous quantities.

Bay Trees—Standards, Half Standards, Pyramids. We can save you money and give better quality. Let us prove it.

Hardy Tubbed Evergreens—Clipped specimens in Taxus, Thuyas, Juniperus, Abies varieties in Pyramids, Globes and natural-shaped in large assortment.

Araucarias—Best sorts, best values, in both small and large sizes, for immediate effect and growing on.

Forcing Stock—Azaleas, Rhododendrons, Aucubas, Skimmia Japonica, Hydrangeas, Lilacs, Spiraeas, Magnolias, Japanese Maples, Wistaria Chinensis, Japanese Flowering Cherry, Peonies, Roses, in large assortment, choicest quality, best commercial sorts.

Wholesale price list will be mailed promptly on request.

Landscape Evergreen and Conifers—New, rare and standard varieties. Small, medium and large sizes supplied in perfect specimens, with ball and burlap. Largest and most extensive collection in America.

Window-Box Plants—Hardy Coniferous Evergreens for winter use. All hardy and desirable sorts, best selection, lowest prices. Also Bush Box and Dwarf Edging. This line offers wide-awake florists a grand opportunity to increase their sales and profits.

Deciduous Trees and Shrubs—Our leaders—Norway Maple, American White Elm and Japanese Barberry.

Young Stock for Lining Out—Ornamental Evergreens and Deciduous Trees and Shrub seedlings, rooted cuttings, grafts, etc., in large assortment at very low prices. Annual output, 10,000,000 plants.

Write for information and price today.

THE D. HILL NURSERY COMPANY, INC.

**EVERGREEN SPECIALISTS
LARGEST GROWERS IN AMERICA**

Box 404, DUNDEE, ILL.

WHOLESALE GROWERS AND IMPORTERS

Rooted Carnation Cuttings Immediate Delivery.

We are now booking orders for our New Seedling **SUPERB**—\$12.00 per 100; \$100.00 per 1000.

SUPERB is a sport of *Gloriosa* and *Enchantress*. It has the good stem of *Gloriosa* and the fine growing habit of *Enchantress*. The color is a flesh pink, and it keeps its color at all seasons. The flowers average about three inches, are very full, and generally receive full score on substance. The flowers are all perfect and do not split. In the four years we have grown it, it has proved the best commercial variety, barring none.

AVIATOR If you want Scarlet Carnations for Christmas, grow *Aviator*. \$6.00 per 100; \$50.00 per 1000.

STANDARD NEW VARIETIES.

WHITE.	Per 100	Per 1000
Matchless	\$2.50	\$20.00
White Enchantress	2.50	20.00
White Wonder	3.00	25.00

DARK PINK		
Peerless Pink	2.50	20.00
C. W. Ward	2.50	20.00

FLESH PINK.	Per 100	Per 1000
Superb	\$12.00	\$100.00
Enchantress	2.50	20.00
Enchantress Supreme	2.50	20.00
Alice	3.00	25.00

VARIEGATED.		
Benora	3.00	25.00

RED	Per 100	Per 1000
Aviator	6.00	\$50.00
Beacon	3.00	25.00
Champion	3.00	25.00

MEDIUM PINK.		
Miss Theo	6.00	50.00
Mrs. Akehurst	3.00	25.00
Pink Sensation	3.50	30.00

J. D. THOMPSON CARNATION CO.,

Joliet, Ill.

Chrysanthemums

PRELIMINARY LIST OF

**Novelties and
Standard Varieties**

Now Ready. Ask for a Copy.

Elmer D. Smith & Co.

ADRIAN, MICH.

A. N. Pierson, Inc.

Wholesale Florists

CROMWELL, - CONN.

Dracæna Indivisa

2-in., \$2.00 per 100; \$18.00 per 1,000.

Per 1000
Vinca Variegata, 2 in., \$2.00 per 100....\$20.00
S. A. Nutt, 2-in.....16.00
Rex Begonias, 3-in.....per dozen 1.00
Satisfaction guaranteed.

ELMER RAWLINGS,

Wholesale Grower

ALLEGANY, NEW YORK

Oklahoma City.

HEAVY HOLIDAY DEMAND ANTICIPATED.

Business keeps up fairly good, better than is perhaps usual for early December. Retailers say that some lines of cut flowers are rather hard to obtain and prices are necessarily high; however, this only brings the plant proposition into the foreground and gives the plant growers their innings. Christmas possibilities are beginning to be talked of and great preparations are in the making. Some idea of what is expected from the holiday trade may be gathered from the fact that, in making out orders to meet the demand at that time, the retailers are allowing for a 35 per cent increase in business over former years. Christmas trees are already arriving, but this trade is mostly handled by the seed stores. We notice along the river bottoms, that mistletoe is very plentiful; not only that, but it is better berried than has ever been seen so far as our experience goes. The berries are well developed and just as thick and close together as possible, which makes it very attractive this year.

S. S. B.

Ferns, Araucarias, Palms, Etc.

Araucaria, 2 to 3 tiers, 5 in., 40c; 3 tiers, 6 in., 50c; 3 to 4 tiers, 6 in., 60c.

Kentia Belmoreana, 4 in., pots, 5 leaves, 15 in. high, 40c each; 5 in. pots, 5 leaves, 18 to 20 in. high, \$1.00 each; 6 in. pots, 5 to 6 leaves, 20 to 24 in. high, \$1.25 each; 6 in. pots, 6 leaves, 24 to 28 in. high, \$1.50 each.

Kentia Forsteriana, 6 in. pots, 5 to 6 leaves, 30 in. high, \$1.50 each; 7 in. pots, 6 leaves, 34 in. high, \$2.00 each; 7 in. pots, to 7 leaves, 36 in. high, \$2.50 each.

Kentia Forsteriana, made up bushy plants, 3 and 4 plants to a tub, 7 in. tubs, 36 in. high, \$3.50 each; 8 in. tubs, 38 to 40 in. high, \$4.50 each; 8 in. tubs, 40 to 44 in. high, \$5.00 each; 9 in. tubs, 54 to 60 in. high, \$8.50 each.

Ferns, Teddy, Jr., extra fine, special prices, quantity—5 in. pots, broad and perfect, 35c each; 6 in. pots, broad and perfect, 50c each.

Boston Ferns fine fresh stock, quantity—5 in. pots, 30c each; 6 in. pots, 50c each.

Adiantum Hybridum, heavy, 4 in. pots, \$16.00 per 100.

Asparagus Sprengeri, bushy field plants, now in 4 in. pots, \$12.00 per 100; 5 in. pots, extra heavy, \$18.00 per 100. (Worth more to cut from.)

THE STORRS & HARRISON CO., Painesville, Ohio

Mention the American Florist when writing.

Hydrangeas

3 1/4 inch pots, \$6.00 per 100.

Single stem plants, set with good, plump flower buds.

Gen. De Vibraye, bright rose, very large heads.

La Lorraine, large flowers, pale rose, turning to bright pink.

Lillie Moulliere, bright carmine rose.

Mme. Maurice Hamar, large, delicate flesh-rose color.

Mme. Emil Moulliere, pure white with rosy-carmine eye; very large: the best white.

Otaka, the old standby for pink. More easily forced than some of the newer sorts.

Radiant, clear bright pink, an exceptionally handsome shade.

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A practical guide to modern methods of growing the American Carnation for market purposes.

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150,000

2 and 2 1/4 in. Geraniums

Ready now. Sand rooted, transplanted to pots.

Well established; fully as good as last year's.

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A. Ricard, *Beaute Poitevine*, *Montmore* and *Castellane*, \$2.50 per 100, \$22.50 per 1,000.
S. A. Nutt, *John Doyle*, *Grant*, *Jean Oberly*, *Mrs. L. Perkins*, *Buchner*, *La Favorite*, etc., \$2.25 per 100, \$20.00 per 1,000.

IVY GERANIUMS, 8 varieties; **ROSE GERANIUMS**, 4 varieties; **DOUBLE PETUNIAS**, 12 varieties; **LANTANAS**, 6 varieties; **MARGUERITES**, White, Yellow and Mrs. Sanders, from 2 1/4-in. pots, \$3.00 per 100, \$25.00 per 1,000.

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5-in. **CYCLAMEN**, 40 cts. each.

Also abundance of other stock. Correspondence solicited.

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Wholesale Florist, Washington, N. J.

Mention the American Florist when writing.

Ready Reference Section.

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Adiantum Farleyense. Nicely furnished plants, 4-in., \$50 per 100. J. A. Peterson & Sons, 3132 McHenry Ave., Westwood, Cincinnati, O.

AMARYLLIS.

AMARYLLIS (Hippeastrum). Imported and American seedlings, 9 to 10-in. cir., \$18; 11 to 12-in. cir., \$22 per 100. Tait's seedlings from very choice stock, \$25 per 100; fancy stock, \$1 to \$5 each. C. S. Tait, Brunswick, Georgia.

ARAUCARIAS.

Araucaria, 2 to 3 tiers, 5-in., 40c; 3 tiers, 6-in., 50c; 3 to 4 tiers, 6-in., 60c. The Storrs & Harrison Co., Painesville, Ohio.

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Asparagus plumosus Nanus. 2½-in., 75c per doz., \$4.50 per 100; 3-in., \$1.25 per doz., \$8 per 100; 4-in., \$1.75 per doz., \$12.00 per 100. Vaughan's Seed Store, Chicago and New York.

Asparagus plumosus and Sprengerii seedlings, \$1.00 per 100; \$8.00 per 1,000. Sprengerii, 2-in., \$2.00 per 100, \$18.00 per 1,000. Fine stock. EDWARD W. SCHUSTER, Crookston, Minn.

Asparagus Sprengerii, bushy field plants, now in 4-in. pots, \$12.00 per 100; 5-in. pots, extra heavy, \$18 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Asparagus Sprengerii, 3-in., \$6 per 100; 4-in., \$10 per 100. Plumosus, 2½-in., \$3.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS PLUMOSUS SEEDLINGS, extra strong, \$6.00 per 1,000. VAUGHAN'S GREEN-HOUSES, Western Springs, Ill.

Asparagus plumosus, fine stock, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

3-in. plumosus, at \$5.00 per 100. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

AZALEAS.

Azaleas. Fine, shapely plants, well set with buds and blooms. In bloom for Christmas. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Azaleas for Christmas. Mme. Petrick, Vervaeneana, Petrick Superba, 75c, \$1, \$1.25, \$1.50, \$2.00, \$2.50, \$3.00, \$4.00, \$5.00, \$7.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Azaleas. W. & T. Smith Co., Geneva, N. Y.

BAY TREES.

Bay trees. New importation from Belgium in prime condition. Both standard and pyramid shaped. For sizes, prices, etc., see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEGONIAS.

Begonias. Glory of Cincinnati, Mellor and Mrs. J. A. Peterson. For sizes and prices see advertisement elsewhere in this issue. J. A. Peterson & Sons, 3132 McHenry Ave., Westwood, Cincinnati, O.

BEGONIAS.

BEGONIAS—Immediate Delivery.

Per 100
Mrs. J. A. Peterson (new), 2¼-in. pots..\$ 25.00
Per 1,000 200.00
JULIUS ROEHRS CO., Rutherford, N. J.

Begonias. Gloire de Lorraine and Cincinnati, 5-in., 85c each, 3 for \$2.35, \$9 per doz.; 6-in., \$1.25 each, 3 for \$3.50, \$12 per doz. Vaughan's Seed Store, Chicago and New York.

Begonia Cincinnati, large plants, 4-in., 35c; 5-in., 50c; 6-in., 60c; 7-in., 75c. Begonia Lorraine, large plants, 4-in., 35c; 5-in., 50c. Pyfer & Olsem, Wilmette, Ill.

BOXWOOD.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 6319 N. Clark St., Chicago.

Boxwood Sprays, good, clean, glossy, green sprays, 50 lbs., \$7.50; 100 lbs., \$13.50. Pittsburgh Cut Flower Co., Pittsburgh, Pa.

BOXWOODS.

PYRAMIDS. Broad, heavy specimens, 2 ft., \$1.90 each; 2½ ft., \$2.00 each; 3 ft., \$2.50 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee, Ill. Write for prices on larger sizes.

BUSH SHAPE, 10-12-in., balled, 30c each; 18-in., balled, 60c each; 30-in., balled, \$1.75 each.

THE D. HILL NURSERY CO., INC.
Box 404, Dundee, Ill.

Boxwood, per 50-lb. case, \$7.50; 100 lbs., \$14. Baby boxwood, 50-lb. case, \$6.50. Vaughan's Seed Store, Chicago and New York.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

Boxwood, 15-18-20 inches, 50c, 60c and 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

BULBS.

Bulbs. Dutch Hyacinths, miniatures, named varieties, \$10 per 1,000. Tulips, early: Darwin and Cottage, Narcissi, Lilium Formosum, L. Giganteum, Gladioli, Spanish Iris, Spiraea, Valley and Hardy Lilies. For varieties, sizes and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs. Japanese Lilies, Longiflorum Giganteum, Lilium Formosum, Lilium Multiflorum. For sizes and prices see advertisement elsewhere in this issue. J. M. Thorburn & Co., 53 Barclay St., New York.

Bulbs. Dutch Doman Hyacinths, single early Tulips and Lillium Giganteum. For varieties and prices see advertisement on front cover page of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Bulb. Lilium Giganteum, 7 to 9-in., and 9 to 10-in., for immediate delivery. Write for prices. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York.

Bulbs. Lilium Formosum and Giganteum, ready now. For sizes and prices see advertisement on front cover page of this issue. Wm. F. Kastig Co., 568-570 Washington Street, Buffalo, N. Y.

Bulbs. Send me 50 cents and I will send you a collection of fine Holland-grown bulbs. M. OSTFELD, 158 East 113th St., New York.

Bulbs, seeds, supplies, etc. Wholesale only. American Bulb Co., 178 N. Wabash Ave., Chicago.

CALLAS.

60 4-in. Godfrey Callas at 10c each; 100 3-in. at 5c each. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

CHRYSANTHEMUMS

Calendula, Prince of Orange, strong, thrifty plants, \$3.00 per 100. F. WALKER & CO., 312 W. Chestnut St., Louisville, Ky.

CARNATIONS.

CARNATIONS.		
Standard and New Varieties.		
	White.	Per 100 Per 1000
Matchless	\$2.50	\$20.00
White Enchantress	2.50	20.00
White Wonder	3.00	25.00
Flesh Pink.		
Superb	\$12.00	\$100.00
Enchantress	2.50	20.00
Enchantress Supreme	2.50	20.00
Alice	3.00	25.00
Medium Pink.		
Miss Theo	\$6.00	\$50.00
Mrs. Akehurst	3.00	25.00
Pink Sensation	3.50	30.00
Dark Pink.		
Peerless Pink	\$2.50	\$20.00
C. W. Ward	2.50	20.00
Red.		
Aviator	\$6.00	\$50.00
Beacon	3.00	25.00
Champion	3.00	25.00
Variegated.		
Benora	\$3.00	\$25.00
J. D. THOMPSON CARNATION CO., Joliet, Illinois		

We can save you money on
STRONG ROOTED CARNATION CUTTINGS
For January delivery.

	Per 100	Per 1,000
Light Pink Enchantress.....	\$2.00	\$14.00
White	2.00	17.50
C. W. Ward	2.00	15.00
Winsor	2.00	14.00
Victory	2.00	15.00
Joy	2.00	15.00

Also a limited supply of
Nebraska \$5.00 per hundred || Herald | 2.00 per hundred |
| White Perfection | 2.00 per hundred |
| White Wonder | 2.00 per hundred |

Place your orders now.
J. A. BUDLONG,
184 North Wabash Ave. Chicago.

FANCY CUTTINGS.
Well rooted from strictly clean, healthy stock, \$50.00 per 1,000; \$6.00 per 100. Book your orders for January delivery.

SCHROEDER FLORAL CO.,
West 24th and Pease Sts., Milwaukee, Wis.

Carnation cuttings. Cottage Maid, Merry Christmas, Doris, Rosalia and Old Gold, \$12 per 100, \$100 per 1,000. S. S. Pennock-Meehan Co., 1608-12 Ludlow St., Philadelphia, Pa.

Carnation Superb. Fine new flesh pink. Rooted cuttings, Jan. 1, 1917, delivery, \$10 per 100, \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

CHRYSANTHEMUMS

CHRYSANTHEMUM STOCK PLANTS.
Fine large plants full of cuttings. Price, \$15.00 per 100; \$2.00 per dozen. We dig all our varieties from soil. They are not pulled up.
Varieties, in white—Early Frost, Crystal Gem, Oconto, White Chieftain, Wm. Turner. In yellow—Golden Queen, Margold, Yellow October Frost, Mrs. Morgan, Odessa. In pink—McNiece, Wells' Late Pink, Chieftain.
Special—Bronze Tekonsha, \$5.00 per doz.
BASSETT & WASHBURN,
178 N. Wabash Ave., Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS

ALEX GUTTMAN.

Chrysanthemum (Dinda), the best early lavender-pink in the market. Blooms have been selling for \$6.00 per dozen since middle of September. Stock plants, 75c each; \$7.50 per dozen. GUTTMANN & KAYNOR, Inc., Wholesale Florists, 101 W. 28th St., New York, or Frank Dinda, Farmingdale, L. I., N. Y.

CHRYSANTHEMUMS. Good commercial varieties, 2½-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

COLEUS "Defiance." It defies any other coleus for commercial purposes. C. Winterich, Cyclamen Specialist, Defiance, O.

Coleus, Emperor William, 5-in., 25c to 35c each. Poehlmann Bros. Co., Morton Grove, Ill.

CROTONS.

Crotons. A choice selection of fancy sorts. Well colored, 4-in., 60c each, \$5 per doz., \$40 per 100. Vaughan's Seed Store, Chicago and New York.

Crotons, 4-in., 40c; 5-in., 60c each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN SEEDLINGS, Wandsbek type, 8 varieties, equally divided, \$4 per 100; \$30 per 1,000. Rocco erecta, new, finest ever introduced. Comes in separate colors, \$5 per 100; \$40 per 1,000. ERNEST ROBER, Wilmette, Ill.

Cyclamen Persicum Gig., 4½ to 6-in. pots, \$6, \$9, \$12 and \$18 per doz. Anton Schultheis, 316 19th St., College Point, New York.

CYCLAMEN. Nice 5-inch, in bud and bloom. Plenty of red, 25c each. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

DAHLIAS.

My latest novelty, "The Millionaire," \$10.00 per bulb. A light lavender decorative. A monster; a beauty. It's simply wonderful. My new catalogue tells about it.

GEO. L. STILLMAN.

"Dahlia Specialist."

Originator of "World-Known" Dahlias.
Box A-7. Westerly, R. I.

Dahlias. Best new and standard varieties. Peacock Dahlia Farms, Williamstown Junction, N. J.

DAISIES.

BEST FLOWERING DAISIES. Chicago White, special strain, 2½-in., \$5.00 per 100; Etoile D'Or (yellow), 2½-in., \$5.00 per 100. Cash, please. A. E. HUNT & CO., 30 E. Randolph St., Chicago.

Daisies, Mrs. Sander, 2-in., \$3.00 per 100; \$28.00 per 1,000. Edward W. Schuster, Crookston, Minn.

DEUTZIA.

Deutzia Gracilis, pot grown, very bushy plants, now ready. Splendid forcing stock, 6-in., \$2.60 per doz., \$18 per 100; 8-in., \$3.50 per doz., \$25 per 100. Vaughan's Seed Store, Chicago and New York.

DRACAENAS.

Dracaenas. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Dracaena fragrans, 4-in., bushy stock, \$3 per doz. The George Wittbold Co., 745 Buckingham Place, Chicago.

DRACAENA INDIVISA. 5-in., 35c. Harry Hehl, West Toledo, O.

Dracaena Indivisa, 2-in., \$2 per 100, \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

FERNS.**BOSTON FERNS.**

	Per doz.
5-inch	\$ 2.40
6-inch	4.20
7-inch	9.00
8-inch	12.00
9-inch	15.00

THE GEORGE WITTBOLD CO.

745 Buckingham Place, Chicago.

Bostons. Grown by us and are the finest in the west. 3-in., \$1.75 per doz., \$12 per 100; 4-in., \$2.50 per doz., \$20 per 100; 5-in., \$5 per doz., \$40 per 100; 6-in., \$8 per doz., \$60 per 100. Vaughan's Seed Store, Chicago and New York.

Ferns, Teddy Jr., extra fine stock, broad and perfect; 5-in., 35c each; 6-in., 50c each. Boston, fine fresh stock; 5-in., 30c each; 6-in., 50c each. The Storrs & Harrison Co., Painesville, Ohio.

Ferns. Adiantum Farleyense, nicely furnished plants, 4-in., \$50 per 100. J. A. Peterson & Sons, 3132 McHenry Ave., Westwood, Cincinnati, O.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns. Nephrolepis Verona. Splendid fronds, stand up well, 2-in., \$5 per 100, \$72 per 1,000; 3-in., \$12 per 100, \$90 per 1,000. P. S. Randolph & Sons, R. D., Verona, Pa.

TABLE FERNS, best varieties, fine stock, 2-in., \$3 per 100, \$25 per 1,000; 3-in., \$5 per 100, \$40 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Ferns for all purposes. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Fine Nephrolepis ferns. For varieties and prices see advertisement elsewhere in this issue. F. R. Pierson Co., Tarrytown, N. Y.

Ferns, table, 2½-in., \$3.50 per 100; 3-in., \$8 per 100; holly, 5-in., 25c each. Poehlmann Bros. Co., Morton Grove, Ill.

GERANIUMS.

Geraniums. Alpha, Ricard, Beauty Poitevine, Jean Vlaud, Edmond Blanc and Scarlet Bedder, 2-in., \$2 per 100, \$20 per 1,000; 3-in., \$3 per 100, \$30 per 1,000. S. A. Nutt, Gen. Grant, Mad. Buchner, Mad. Recamier, Jean Oberlee, Abbie Schaffer, E. G. Trego, etc., 2-in., \$2 per 100, \$18.50 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums. Well established two and a quarter inch stock. Top cuttings and no hard wood. Varieties: S. A. Nutt, General Grant, Madame Buchner, Gloire De France, \$3.00 per 100, \$25.00 per 1,000. You will appreciate our good packing.

See our ad for Schizanthus elsewhere in this issue.

STUPPY FLORAL COMPANY,

St. Joseph, Missouri

Geraniums. S. A. Nutt, 2-in., \$2.00 per 100; \$18.00 per 1,000; rooted cuttings, \$12.00 per 1,000. Also few white cuttings and 2-in. good stock. Cash. W. E. ALLEN, Leominster, Mass.

Geraniums, 100,000 in 2 and 2½-in. pots, in 28 varieties, \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums. S. A. Nutt and Buchner, \$13.50 per 1,000; Ricard and Poitevine, \$16 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, 2½-inch stock, best varieties, \$20 per 1,000. Pyfer & Olsem, Wilmette, Ill.

GREENS.

Greens. Southern Wild Smilax, \$2.50 per case; holly, \$2.25 per case; fadeless sheet moss, \$3.50 per bag; natural sheet moss, \$1.75 per bag; southern gray moss, \$2.50 per bag; long needle pines, \$1.25 per dozen. Caldwell The Woodsman Co., Evergreen, Ala.

Greens, Southern wild smilax, \$2.50 per case; holly, \$2.25 per case; dyed sheet moss, \$3.50 per bag; natural sheet moss, \$1.75 per bag; long needle pines, \$1.25 per dozen; gray moss, \$2.50 per bag. E. A. Beaven, Evergreen, Ala.

Southern Wild Smilax, \$2.00 per 50-lb. case. Very quick delivery. WINTERGREEN GARDENS, Marion, Ala.

Greens. Choice cases holly, holly wreaths and laurel roping. Write your requirements. H. E. Conwell, Milton, Del.

HYDRANGEAS.

Hydrangeas, 3½-in. pots, single stem plants, set with good, plump flower buds, \$6 per 100. For varieties see advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, New York.

HYDRANGEA OTAKSA, 3-in., \$5 per 100. Flowering sizes pot-grown, 25c to 50c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

JERUSALEM CHERRIES.

Jerusalem Cherries, 4-in., stocky, \$1 per doz., \$8 per 100. The George Wittbold Co., 745 Buckingham Place, Chicago.

LANTANAS.

LANTANAS, 3-in., yellow and pink, strong plants, \$8 per 100; weeping, 3-in., \$6 per 100; 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

MOONVINES.

Moonvines, Parlor Ivy, Cuphea, Petunias, Salvia, Swainsona, Lemon Verbenas, Alternantheras, 2-in., \$2 per 100; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

NURSERY STOCK.

Write for wholesale price list of ornamental nursery stock. MAYWOOD NURSERY CO., Maywood, Ill.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.**PALMS.****KENTIA FORSTERIANA SINGLE PLANTS.**

Leaves	Each
6 inch pots 5-6 28 inches high....	\$ 1.25
6 inch pots 6-7 32-34 inches high....	1.50
6 inch pots 6-7 34-36 inches high....	2.00
8 inch tubs 6-7 40-42 inches high....	3.50
8 inch tubs 6-7 42-46 inches high....	4.00
8 inch tubs 6-7 50 inches high....	5.00
9 inch tubs 6-7 52-56 inches high hv	7.00
10 inch tubs 6-7 60 inches high....	8.00
10 inch tubs 6-7 60-65 inches high....	12.00
15 inch tubs 6-7 8 feet high....	40.00
15 inch tubs 6-7 9-10 feet high....	50.00

KENTIA BELMOREANA SINGLE PLANTS.

Leaves	Each
2½ inch pots 4 15-18 45c each....	\$5.00
4 inch pots 5-6 24 each	1.25
6 inch pots 5-6 28 each	1.50
8 inch tubs 5-6 42 each	5.00

Specimen plants, 15 inch tubs, \$75.00 each.

KENTIA FORSTERIANA MADE UP PLANTS.

Plants	Each
6 inch pots 3 26-28 inches high....	\$ 2.00
7 inch tubs 3 30-32 inches high....	2.50
8 inch tubs 3 38 inches high....	4.00
8 inch tubs 4 48-50 inches high....	5.00
9 inch tubs 4 52 inches high....	6.00
10 inch tubs 4 54 inches high....	8.00
12 inch tubs 4 60-64 inches high....	12.00
12 inch tubs 4 66 inches high....	15.00
15 inch tubs 4 6-6½ ft. high, heavy....	25.00
15 inch tubs 4 75-80 inches high....	30.00

ARECA LUTESCENS.

Plants	Each
6 inch pots 4 bushy, 24-26 inches high....	\$1.25

ASPIDISTRAS.

5 inch pots 10-12 leaves green	\$1.00
6 inch pots 16-20 leaves green	1.50
5 inch pots 10-12 leaves var.	1.50

POEHLMANN BROS. CO., Illinois.
Morton Grove.

Palms. Cocos Weddelliana, 2-in., \$1.75 per doz.; \$14 per 100; 3-in., \$2.50 per doz. The George Wittbold Co., 745 Buckingham Place, Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

PALMS.

Kentia Belmoreana, 4-in., 5 leaves, 40c each; 5-in., 5 leaves, \$1.00 each; 6-in., 5 to 6 leaves, \$1.25 each; 6-in., 6 leaves, \$1.50 each. Kentia Forsteriana, 6-in., 5 to 6 leaves, \$1.50; 7-in., 6 leaves, \$2; 7-in., 6 to 7 leaves, \$2.50. Made-up bushy plants, 3 and 4 plants to a tub, 7-in. tub, 36 in. high, \$3.50 each; 8-in. tub, 38 to 40 in. high, \$4.50 each; 8-in. tub, 40 to 44 in. high, \$5 each; 9-in. tub, 54 to 60 in. high, \$8.50 each. The Storrs & Harrison Co., Painesville, Ohio.

LATANIA BARBONICA PALMS. 15-in. tubs, suitable for decorative work, \$5 each. Pandanus Veitchii, 15-in. tubs, \$5 each. HENRY SMITH, Grand Rapids, Mich.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th Sts., Philadelphia, Pa.

Palms. Joseph Heacock Co., Wyncote, Pa.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. HENRY SMITH, Grand Rapids, Mich.

Pandanus Veitchii, 4-in., 35c each; 6-in., 75c to \$1 each; 7-in., \$1.25 each; 9-in., \$2.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

Peppers. Bird's-Eye, bushy plants, 4-in., \$12.00 per 100; \$100.00 per 1,000.

Peppers, Celestial, 4-in., \$12.00 per 100; \$100.00 per 1,000.
Jerusalem Cherry, 4-in., \$12.00 per 100; \$100.00 per 1,000.
PYFER & OLSEM, Wilmette, Ill.

POINSETTIAS.

Poinsettias. The large, handsome red bracts and bright green leaves make a beautiful contrast. 5-in., 75c each, \$8 per doz.; 6-in., \$1 each, \$10 per doz.; 7-in., \$1.50 each, \$15 per doz.; 8-in., \$2 each, \$21 per doz.; 10-in., \$3 each, \$30 per doz. Vaughan's Seed Store, Chicago and New York.

Poinsettias for Christmas flowering, 5-in., 25c; 6-in., 35c; 8-in., 60c; 9-in., 75c. Made-up, 7-in., 75c; 8-in., \$1 and \$1.25; 9-in., \$1.50 and \$2; 10-in., \$2 and \$2.50. The George Wittbold Co., 745 Buckingham Place, Chicago.

PRIMULAS.

PRIMULA MALACOIDES.
Extra fine stock, 100 1,000
2-inch \$3.00 \$27.50
2½-inch 4.00 35.00
3-inch 6.00 50.00
PYFER & OLSEM, Wilmette, Ill.

Primula Obconica. Assorted rich colors, 4-in., \$1.50 per doz.; \$12.00 per 100; \$100 per 1,000. The George Wittbold Co., 745 Buckingham Place, Chicago.

Primula Obconica Gigantea, good colors, no white. Splendid 6-inch in bloom, 20c each. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

PRIMULAS. Obconica, Chinensis and Malacoides, 2-in. pots at \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

Primulas Malacoides, Chinensis and Obconica, very fine plants, in bloom, 4-in., 10c. Pyfer & Olsem, Wilmette, Ill.

PRIVET.

California Privet, special grade, 12 to 18-in., \$8 per 1,000; 1½ to 2 ft., \$10.50 per 1,000. Cash with order. Also Amoor Privet, Polish Privet and Berberis Thunbergii at attractive prices. J. T. Lovett, Little Silver, N. J.

ROSES.

Roses. Extra strong, field-grown climbing roses to bloom for Easter; also hybrid perpetual roses. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Selected Forcing Grade Roses, Climbers, extra strong, \$15 per 100; baby roses, \$15 per 100. For varieties see advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, New York.

Roses. Pot-grown, 2½ and 4-in. Field grown, to pot 5 to 6-in. The Leedle Floral Co., Springfield, O.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seeds. Asparagus Plumosus Nanus, greenhouse grown, 1,000, \$3.50; 10,000, \$32.50. California grown, 1,000, \$2.50; 10,000, \$22.50. Arthur T. Boddington Co., Inc., 128 Chambers St., New York.

Seed. New crop northern greenhouse grown Asparagus plumosus nanus, 50c per 100 seeds; \$1 per 250 seeds; \$3.50 per 1,000 seeds. Vaughan's Seed Store, Chicago and New York.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, contract growers of cucumber, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, contract growers of pepper; egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds. Bean, cucumbers, muskmelon, watermelon, squash and sweet corn. Michigan-grown radish our specialty. S. M. Isbell & Co., Jackson, Mich.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed. Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Peas, beans and sweet corn, Michigan and Iowa grown. Sioux City Seed & Nursery Co., Sioux City, Iowa.

Seeds, specialties: Lettuce, onion, sweet pea, aster, cosmos, mignonette, verbena in variety. Waldo Rohmert, Gilroy, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsley, parsnips, turnips. R. & M. Godineau, Angers, France.

Seeds, large growers and shipper of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds. Beet, sweet corn, garden bean, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seed. Flower and vegetable of every description. Barnard's Seed Store, 231-235 W. Madison St., Chicago.

Seeds. Flower and garden seeds. Sweet Pea and Nasturtium a specialty. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Elliott Sts., Baltimore, Md.

Seeds. Cucumber and Muskmelon. Pure stock, good deliveries and moderate prices. R. H. James, Rocky Ford, Colo.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seed. Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

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Seeds, flower, vegetable and farm. Wholesale only. Kelway's, Langport, England.

Seeds. Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seed. For the wholesale trade only. Branlan Seed Growers' Company, San Jose, Calif.

Seeds. Onion, lettuce, radish, etc. The Kimberlin Seed Co., Santa Clara, Calif.

Seeds. Pea and bean. Alfred J. Brown Seed Co., Grand Rapids, Mich.

Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seeds which succeed. Get quotations from Landreth, Bristol, Pa.

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Ramsburg Silver Pink Seedling Snapdragon, Garnet and Nelrose, 2½-in. pots ready for 3-in. or to bench, \$2.50 per 100, \$20.00 per 1,000. Cash.

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Hill's choice stock for florists' trade. For varieties, sizes and prices see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., Box 404, Dundee, Ill.

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Glass cloth. A transparent waterproof fabric for all forcing purposes. Sample, 3x6 feet, 50c prepaid. Turner Bros., Bladen, Nebraska.

Boiler flues, cleaned and trimmed. Stuttle's clamps and elbows to join flues. H. Munson, 1353 N. Clark St., Chicago.

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Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Japanese miniature gardens, fern dishes, vases, flower pots, jardinières, etc. Nippon Garden, Inc., 259 Fifth Ave., New York.

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Prepared cycas leaves. Best quality, perfect color, very pliable. 100 assorted sizes up to 36 inches long, \$4.80. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

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Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Catalogues. Large runs our specialty. Write for prices. Regan Printing House, 503 Plymouth Place, Chicago.

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Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

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Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Boilers of high grade for greenhouses. Write for catalogues. Giblin & Co., Utica, N. Y.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Blooming plants or anything in soft wooded plants. Geo. A. Kuhl, Pekin, Ill.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Hail storm insurance. John G. Esler, Sadle River, N. J.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastic for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 95 Chambers St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Glass, large stock and good prices. Sharp, Partridge & Co., Chicago.

Wired toothpicks, 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

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Everything the best in florists' supplies. H. Bayersdorfer & Co., 1127 Arch St., Philadelphia.

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Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

GREENHOUSE INSURANCE.

Cyclone and hail insurance; also insurance on growing crops while in the fields. The American Mutual Cyclone and Hail Insurance Co., Muncie, Ind.

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Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1000 Masonic Temple, Chicago.

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Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Pecky Cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction and equipment. King Construction Co., North Tonawanda, N. Y.

INSECTICIDES.

Nicotine. The Grassell Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nikoteen, excellent for spraying. Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset flower, vegetable waterproof paper pots. Vaughan's Seed Store, Chicago and New York.

Pots. Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kohr, 2934-36 N. Leavitt St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c for 1,000; 3,000 for \$1, postage paid.

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440 S. Dearborn Street, CHICAGO

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Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

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Cane Stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000. Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

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Florists' wire designs and fancy wire lamp shades. NORTHWESTERN WIRE WORKS, 228 13th Ave., N. E., Minneapolis, Minn.

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Budlong, J. A., Chicago.
Chicago Flower Growers' Ass'n., Chicago.
Coan, J. J., New York.
Coyle, James, New York.
Crawback Co., George W., New York.
Erne & Klingel, Chicago.
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Ford, William P., New York.
Froment, H. E., New York.
Goldstein & Futterman, N. Y.
Gunterberg, M. C., Chicago.
Guttman & Raynor, Inc., New York.
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House of Ferns, New York.
Kasting Co., Wm. F., Buffalo, N. Y.
Kennicott Bros. Co., Chicago.
Kervan Co., The, New York.
Kessler, Wm. A., New York.
Kruchten, John, Chicago.
Kuehn, C. A., St. Louis, Mo.
Kuhl, Geo. A., Pekin, Ill.
Kusik & Co., H., Kansas City, Mo.
Kyle & Forester, Chicago.
McCallum Co., Pittsburgh, Pa.
Meconi, Paul, New York.
Miller & Musser, Chicago.
Miller, Stuart, Philadelphia, Pa.
N. Y. Cut Flower Exchange, New York.
Niessen Co., The Leo, Philadelphia, Pa.
Percy Jones, Inc., Chicago.
Philadelphia Wholesale Florists' Exchange.
Pierson, A. N., Cromwell, Conn.
Pittsburgh Cut Flower Co., Pittsburgh, Pa.
Poehlmann Bros. Co., Chicago.
Pollworth Co., C. C., Milwaukee, Wis.
Polykranas, Geo. J., New York.
Pyfer & Co., A. T., Chicago.
Randall Co., A. L., Chicago.
Reid, Edward, Philadelphia, Pa.
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Reinberg, Peter, Chicago.
Rice Bros., Minneapolis, Minn.
Riedel & Meyer, Inc., New York.
Rusch & Co., Gust, Milwaukee, Wis.
Sheridan, W. F., New York.
Siebrecht, Geo. C., New York.
Thompson Carnation Co., J. D., Joliet, Ill.
Tonner, O. A. & L. A., Chicago.
Totty, Chas. E., Madison, N. J.
Traendly & Schenck, New York.
United Cut Flower Co., New York.
Vaughan, A. L., & Co., Chicago.
Welland & Risch, Chicago.
Weiss, Herman, New York.
Welch Bros. Co., Boston, Mass.
Welch, Patrick, Boston, Mass.
Wietor Bros., Chicago.
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Young & Co., John, New York.
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A Bountiful Pack Upon The Glad Christmas Morning.

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Red and Green



FOR HOLIDAY CIRCULARS AND ADVERTISING.

Plates for printing this fine Holly Wreath in two colors—green leaves and red berries and ribbon—\$3.00 per set of 2 plates. Larger size, 3 $\frac{3}{4}$ x4 inches, \$5.00 per set of 2 plates.

Plate shown here for one color \$1.50. The large size, one color, \$2.70 Cash with order.

American Florist Co.
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White Fly, Red Spider and Cyclamen Mint

I have a recipe that has cost me over \$300.00 to find, that I will send to you for \$1.00, for making a spray that will not burn or discolor your plants and is non-poisonous. It will clean out White Fly, Red Spider and Cyclamen Mint pests, which have ruined most all the Cyclamen this season. Costs only 15 cents to make 10 gallons of spray.

CHAS. A. BOWER,
East End Florist

724 Haynes St., DAYTON, OHIO

Worcester County Horticultural Society

The annual meeting of the Worcester County Horticultural Society was held in Horticultural hall, Worcester, December 5, with President Arthur E. Hartshorn in the chair. Reports were heard from the officers and the chairmen of the various committees. The treasurer's report showed receipts of \$23,166 and expenditures of \$16,008.91, leaving \$7,157.09 on hand, a very creditable showing.

The following officers were re-elected: A. E. Hartshorn, president; Charles Greenwood, Leonard C. Midgley and Frederick H. Chamberlain, vice-presidents; Herbert R. Kinney, secretary; Miss Lucy M. Coulson, librarian; Burt W. Greenwood, treasurer. Trustees: Joseph A. Allen, David L. Fiske, Henry B. Watts, Edgar M. Bruce, Henry W. Carter, Herbert A. Cook, Fred J. Reed, Mrs. J. Frank Record, William McAllister, William Anderson, J. Lewis Ellsworth, Edward W. Breed, Mrs. Olive G. Davidson, Walter D. Ross, Allyn W. Hixon, Simon E. Fisher, Mrs. Percy G. Forbes, Henry H. Browning, Joseph K. Greene, Ben M. Chamberlain, Louis J. Kendall, Frank J. Kinny,

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Is a fertilizer carrying in perfect proportion the ten salts constituting soil. It possesses the means of restoring to the soil the native salt or plant food taken up by a crop in its growth, and in so doing maintains the proper percentage of fertility to sustain and build up a healthy crop. It is used by the largest florists in the United States and is unsurpassed as a fertilizer in the cultivation of tomatoes, cucumbers, lettuce and cereals.

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TRADE MARK
EVERY GENUINE
TIN, BAG & SEAL
BEARS THIS
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THE RENOWNED FOOD FOR PLANTS.

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NICOTINE 40%

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CLEVELAND NEW YORK CINCINNATI
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WRITE FOR PRICES

H. Ward Moore, Burton W. Potter, George Calvin Rice, Howard E. Sumner, William J. Wheeler, Albert H. Lange and Charles W. Wood. Fred L. Chamberlain was elected a trustee to take the place of James E. Draper. Members appointed for the nominating committee were: Edward W. Breed, for three years; Charles W. Wood, for two years, and Walter D. Ross, for one year. Myron F. Converse was re-elected chairman of the finance committee.

The sum of \$6,000 was voted to be used during the coming year for flower, fruit and vegetable awards.

R.

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The Insecticide that kills plant Lice of many species

The Recognized Standard Insecticide

A spray remedy for green, black, white fly, thrips and soft scale.

Quart, \$1.00. Gallon, \$2.50.

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A 12% nicotine solution properly diluted for fumigating or vaporizing.

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Mushroom Growing.—By B. M. Duggar. 260 pages, fully illustrated. Price, \$1.50.

Plant Propagation, Greenhouse and Nursery Practice.—By M. G. Kains. For both the practical man, the teacher and the amateur. 342 pages, fully illustrated. Price, \$1.50.

The Goldfish.—By Hugo Mulertt. 160 pages, handsomely illustrated. Price, \$2.

Chrysanthemum Manual.—By Elmer D. Smith. Profusely illustrated. Price, 50 cents.

Landscape Gardening.—By Sam'l Maynard. 338 pages, 165 illustrations. Price, \$1.50.

Daffodils, Narcissi, How to Grow Them.—By A. M. Kirby. Illustrated. 233 pages. Price, \$1.21.

The Rose.—By H. B. Ellwanger. Its cultivation, varieties, etc. A complete guide. Price, \$1.25.

House Plants.—By Parker T. Barnes. 236 pages and 30 full-page illustrations. Price \$1.20.

The Book of Water Gardening.—By Peter Bisset. 200 pages and 139 illustrations. Price, \$2.50.

Hedges, Windbreaks, Etc.—By E. P. Powell. 140 pages, with 22 illustrations. Price, 50 cents.

Orchids: Their Culture and Management.—By W. Watson. Eight colored plates. 544 pages. Price, \$10.

Greenhouse Construction.—By L. R. Taft. How to build and heat a greenhouse. Illustrated. Price, \$1.50.

Insects Injurious to Vegetables.—By F. H. Chittenden. 163 illustrations in the 262 pages. Price, \$1.50.

Greenhouse Management.—By Prof. L. R. Taft. Covers the subject completely. 382 pages. Price, \$1.50.

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Commercial Carnation Culture.—Edited by J. Harrison Dick. A practical guide to modern methods of growing. 262 pages, freely illustrated. Price, \$1.50.

The Principles of Fruit Growing.—By L. H. Bailey. Fruit culture is treated thoroughly. 516 pages. Price, \$1.25.

Lawns and How to Make Them.—By Leonard Barron. A very useful and practical work. Illustrated. Price, \$1.10.

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Success in Market Gardening.—By Herbert Rawson. No one in the business for profit can be without this latest edition. 271 pages and 22 illustrations. Price, \$1.10.

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Cabbages, Cauliflower, Allied Vegetables.—By C. L. Allen. Also contains chapters on seed raising, insects, pests and fungus diseases common to these plants. Price, 50c.

The Garden Month by Month.—By Mabel Cabot Sedgwick. A well classified list of hardy herbaceous and other plants arranged for each month. Illustrated. Price, \$4.30.

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Specify **WIZARD BRAND** when you order Pulverized or Shredded Manure, and then look on the bags or tags for Wizard Brand and our name—**IT'S THERE FOR YOUR PROTECTION.**

If you order Wizard Brand and what you receive is not so marked or tagged—tell us about it.

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Now is the time to put a supply in your store house for quick convenient use during the winter.

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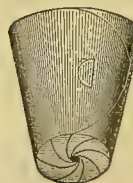
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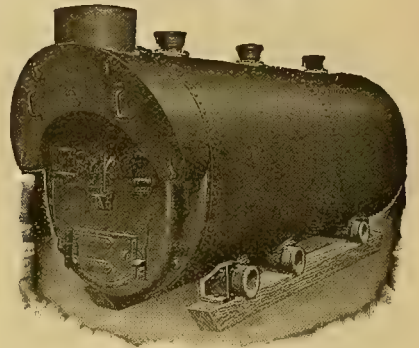
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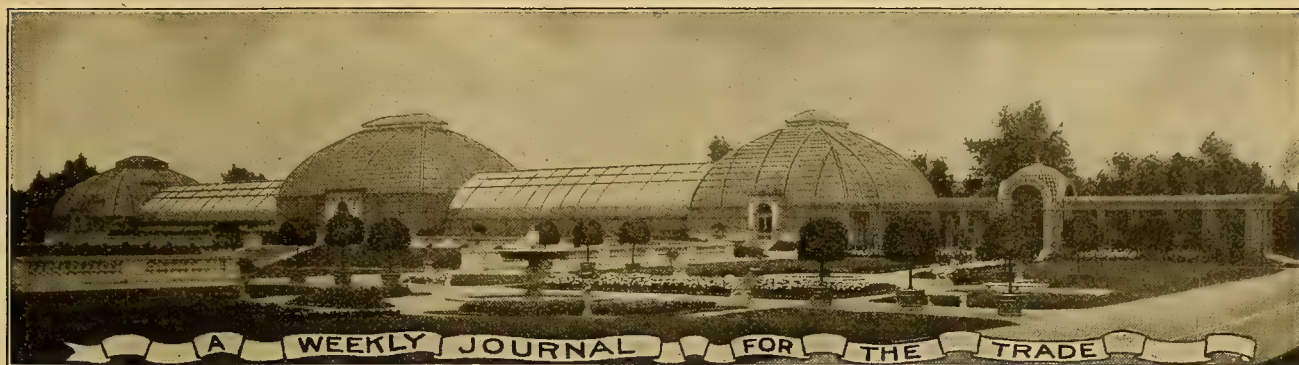
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Vol. XLVII.

CHICAGO AND NEW YORK, DECEMBER 23, 1916.

No. 1490

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RHODODENDRON FORCING.

European Grower's Views.

Besides the beautiful effects that can be made with the rhododendron in landscape architecture, they are ideal forcing plants, and their popularity stands preeminent with the Azalea Indica. Their heavy, dark green, leathery foliage is striking, to say nothing of the great masses of varied colored flowers, which are produced in large trusses on the end of every branch of the plant. There is such a wide range of color in the long list of varieties that, with a judicious selection, it is possible to make any desired color arrangement. The colors are generally pure and show variegations from pure white to clear violet, delicate pink and deep crimson. Between the numerous bouquets the green of the foliage is well displayed and adds to the beauty of the plant.

Although I spoke of large trusses I am sorry to say that the rhododendron which is forced in the spring does not always show them as large and well-colored as they should and though it is not altogether impossible that the plant is at fault, yet I ascribe it to wrong treatment in forcing in the majority of cases. It takes time and care to get a rhododendron into bloom and also a knowledge of the different varieties, whether they are early, medium or late blooming. Ignorance of this invariably leads to failure. By reason of the success we had with our rhododendrons at various exhibitions and especially at the great flower show at Boskoop, April, 1911, we received a number of letters asking us how we managed to have so many varieties in bloom at one time, where there were early medium and late blooming varieties seen in the collection.

I shall try to explain in the following lines the most important rules for forcing rhododendrons, but it should be understood that the forcer should use his own judgment a great deal. He must understand the exact needs of the plants and their requirements as to airing, watering and heating.

When a rhododendron is sent out it is fully prepared for forcing. The

peaty soil in Boskoop is the ideal soil for this class of plants, especially for those destined to forcing. It may be possible to grow rhododendrons in sandy soil, and they may also be useful for planting out-doors, but for forcing nothing can rival those grown in our peat and climate. Here they flourish and thrive to perfection and make strong buds which will easily respond to the applied heat. We take special care in growing these plants as not only the size of the flowers but also the color depends on this to a large extent.

When imported plants arrive they should be unpacked at once. It is well to be prepared for them when they are expected to arrive, so they can be taken care of. Generally they are more or less dry in the roots and should be placed in a shallow tank or other receptacle to moisten them. There they can be left for half an hour or so. The canvas should be taken off the rootballs, and the heads untied. It is best to pot them immediately in not too large pots. Pot them if possible with leafmould and do not ram the soil too hard in the pots. Firm potting is all right but there is no need to go to extremes. The bottom of the pots should be covered with potsherds. If the balls are too heavy shake off the superfluous soil but do not cut the roots. Then look over the plant carefully to see if there are not too many flowerbuds on them. Some varieties make three to four buds on the same branch. These should be taken off so that only one, the strongest, is left. There may also be too many buds on the plant, so they are in each others way. These superfluous buds also should be broken out to allow those that remain on the plant sufficient space to develop well.

The pots can now be placed in a cold frame. In fine weather or a mild rain the lights must be taken off, and only in cold freezing weather they should be put on. Do not place them in the hothouse immediately. The object is to get the roots to sprout. The better they are rooted, the better they will force. The plants should be given

a fair amount of room. If possible, let each plant stand clear of its neighbor, so that light and air can pass freely between them. If placed too close they drop their leaves. This will also be the case if the frames are kept closed too long at a time so they are deprived of fresh air. Light and air are the two important requirements for forcing rhododendrons. They should be safe from frost. Watering should be done only if necessary.

In the frame they should be left till early January, when they may be taken into the greenhouse. A temperature of 50°-60° Fahr. can be given to start with. After four or five weeks the roots begin to sprout (make new roots) and from that time a higher temperature, not exceeding 70°-75° Fahr., can be applied.

In the first days the rhododendrons are in the greenhouse the leaves must be syringed with a thin spray once a day but after the temperature is raised, and especially on sunny days spraying twice a day will be necessary. Do not use the hose. Just a thin spray is sufficient, although the pots should be watered now and then. By the middle of March the glass has to be shaded to prevent the leaves from becoming burned. Shading with canvas or similar material is preferable to whitewashing. Also the pots should be watered abundantly. Especially when the buds are expanding the pots can hardly be kept too wet. It is advisable to always have a moist atmosphere in the house.

When rhododendrons are taken into the greenhouse early in January some of the earliest blooming varieties can be had in bloom by the beginning of March. After these the medium and late flowering varieties follow in succession, so that about the middle of April the latest flowering varieties can be had in bloom. Spraying on the open trusses should be avoided.

If a number of varieties are wanted in bloom at a fixed time, then the early flowering varieties must be brought inside later than the medium, and these again later than the late flowering varieties.

When they are all four or five weeks inside, some buds will be seen advancing. These plants must be taken out and placed cooler, till they are all advanced alike. Then they can be forced into bloom by the same temperature.

For the convenience of our customers we have marked the varieties in our catalogue: E for Early, M for Medium and L for Late forcing, thus enabling everyone to make his own selection. With this marked list of varieties, and the above hints it will not be difficult to have several varieties in bloom at a given time.

Kindly note that late varieties should never be forced early. This costs a lot of heat and the results are doubtful. It is very essential to know if a variety is early, medium or late. Ignorance of this leads to disappointment and is generally the cause that the rhododendrons do not force satisfactorily.

The above rules were followed by us with good results in forcing for various exhibitions and for our own use, and we hope that they may encourage you to force this noble plant and lead to success. Then both of us will be satisfied.—B. B. C. Felix, of Felix & Dykhuis.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

PERSONALITY has much to do with success in the retail shop. The proprietor is the man looked for. He meets and greets his customers, takes their orders or turns them over skillfully to his competent assistants. His presence inspires a confidence that is most valuable.

THREE-FOURTHS of the business of the retail store comes over the telephone. Many large flower shops have private exchanges which greatly facilitates quick service. A well-conducted and ample phone equipment is a great factor, many orders being lost by the "busy" phone.

Plant Protectors.

Transporting plants in cold weather for decorations is at times risky busi-



University of Illinois Floricultural Display.
Funeral Bunch of White, Lavender and Purple
Hyacinths and Holly Fern.

ness. Much of this work is often very hurriedly done. Where the heated wagon or car is loaded in a warm shed there is no exposure, but oftentimes at the delivery point risks are taken that frequently result disastrously.

The Geo. Wittbold Co., Chicago, which makes a specialty of decorative work, has found long narrow canton flannel sacks, open at both ends, to be very useful, both in protecting the foliage from damage in handling and from frost when being carried in the open from the car to the building. The sacks are of several diameters, 10, 12 and 15 inches, and some larger. They are drawn up on the plant over the pot or tub. The top is then gathered in and bound or held together with a strong rubber band. To remove one, hold the pot, when the cover is easily pulled off. This is the most effective method of protection we have yet seen, useful at any time in preventing damage to foliage during transit.

Mrs. E. A. Williams, Pittsburgh, Pa.

That good business instinct is not confined entirely to the male sex is exemplified by the experience of Mrs. E. A. Williams, of 621 Penn avenue, Pittsburgh, Pa. Thrown entirely on her own resources by the death of her husband in 1889, she bravely, and from necessity took up and continued what was then a very small business, located at 1713 Carson street, now occupied by the South Hills Flower Co., on the South Side, a then fairly good residence district. Mrs. Williams always catered to the better class of trade, and, after a time, finding the neighborhood changing and her best customers moving to newer and select districts, she sold her store and moved to her present central location, where by close attention and up-to-date business methods, she has built up one of the most exclusive flower shops in this city.

She is always present during the shopping hours to meet her patrons, which she considers a most important detail. Nothing, either in cut flowers or supplies, is too good for this store; in fact, since her earliest connection with the business, she has always made it a point to carry only the best of everything—low priced stock never appealed to her. She caters to flower lovers who appreciate quality and art in floral arrangement, and her stock of flowers and plants, as well as the artists to arrange them, have always been of the best. Harvey Sheaff, her manager, and James Higgins, his principal assistant, are men of long experience and artistic ability, whose work has the true metropolitan touch and finish. The store interior is always artistically arranged with the best plants, and vases of seasonable cut flowers, particular attention being paid to the show window. At a recent luncheon, a number of low, oblong handle baskets in blue enamel, fitted with tins, were filled with Ophelia roses and mignonette, the handle being tied with pale blue ribbon, and at the bow was a bunch of Malaga grapes and full sprays of Sweetheart roses. These were artistic to a marked degree. There were seven of these baskets which, with Mexican ivy and pansies on the cloth, completed a very beautiful table.

Moss is not used here in filling baskets where water is used in inside tins. All wild smilax is saved and the tins filled with the vines, furnish support to the stems of the flowers, they being much more easily placed than in the moss and yet hold quite firmly.

Planning for the New Year.

To make the most of the business of the coming year is worthy of the best thought and planning that can be given it. Every retail store has an individuality, a way of carrying on business, that is essentially its own. Consciously, or for some undefined reason, they appear to specialize along certain lines. If these have been found successful, and it is advisable to increase this trade, now is the time to plan for it. If it is wedding and decorative work, the field is a large one, as occasions of this kind, both large and small, are constantly occurring. There are various ways of getting next to these events. Quite frequently newspaper notices are too late, the order having by that time been given. Engravers and stationers who prepare the invitations



STORE OF R. J. DASCHBACH, INC., PITTSBURGH, PA.

are generally first. Information may be obtained here after confidence has been established. Caterers have also early news of the event, which is more or less available. Sextons of churches are often posted and make good allies. Jewelers are also informed.

KNOWLEDGE OF COMING EVENTS.

After the address of the parties and date of the affair has been secured, attractive booklets, such as are now prepared by advertising agencies, are good as an introduction. An interview with a carefully prepared estimate is, however, most satisfactory. Such methods as these, assiduously pursued, will help very materially to enlarge the volume of business along these lines. Funeral flowers are the back bone of the retail trade; without this dependable revenue most of the smaller shops, at least, would have to close their doors. While this is such an important factor, many, however, keep it in the background, or at least in their decorative and store displays, do not feature it in any way. This can be done effectively by occasionally displaying in the windows, a handsome wreath or cluster made for the purpose. Other choice ordered pieces may be made to do double duty by an hour or two in the window. A well-made wreath of galax or magnolia, always on view in the refrigerator, is suggestive; a spray or two of orchids, in concealed tubes, will add a touch of color and keep as well here as in any part of the case. Several such made up pieces should always be in stock for emergencies. A frame with

a few photos of wreaths, clusters and other standard made-up pieces, should have a good wall space.

To increase and gain new trade in this particular line, men try all sorts of schemes. Some work hand in hand with undertakers, giving them a commission. Others join lodges and societies, hoping to get the work as a member. The death of a prominent city official, or police officer, calls for numerous orders from political clubs and departments of the service whose members generally contribute liberally. Solicitation of this work is considered legitimate, as is also that of all large bodies, as in factories, etc. To plan in any or all of these ways to increase this important branch of the business is well worth while.

HOW TO BRIDGE DULL MONTHS.

How to keep busy at the various dull periods of the year is a good game to play. Stock is then always plentiful; it can be bought very cheap in large quantities, and it can be sold to the regular store trade and the new people that come to see what the "noise" is about, if you make it loud enough to attract them. Good window displays with prices, outside or inside, printed stickers to the glass, and attractively printed cards that can be mailed for one cent, are sure to get a look. Be honest—if you buy cheap, sell cheap. It will not hurt the regular trade, for such sales are always special. It is the bargain feature that attracts and makes sales of flowers for which there is no particular use.

HOLIDAYS AND SPECIAL SALES.

Always plan for the smaller holidays—Valentine's day, Washington's birthday, Paddy's day, Mothers' day and Halloween. The big four are in a class by themselves. Three-fourths of the stores pay little or no attention to the featuring of these sentimental anniversaries. Such omissions are lost opportunities. Displays on these occasions are sure to attract attention; all department, stationery, confectionery and fancy goods stores feature a line of specialties that are appropriate and salable, and decorate their windows, calling attention to these events for at least a week in advance. "These small days do not amount to anything," is not the experience of the live, up-to-date dealers. They see the possibilities, go after the business by exploiting the day, getting publicity and much return as their reward.

Special plant sales stir things up and are conducted as opportunity offers by many retailers with good results. It is the preparatory work that counts, the looking ahead, being on time with the early featuring and by this means calling attention to the occasion that would very likely pass unnoticed. What is worth doing is worth doing well. "Also rans" get nothing; the winner gallops away with the prize. The leaders of trade in every community are bright, wide-awake men, alive to their opportunities, always on the job, planning and working to make the most of every occasion.

CHRYSANTHEMUMS

Smith's New Chrysanthemums.

The illustrations herewith show three of the many new chrysanthemums offered this season by Elmer D. Smith & Co., Adrian, Mich., and the raisers' descriptions and comments on these varieties are as follows:

Smith's Imperial—We consider this one of our greatest achievements in the improvement of commercial chrysanthemums. An incurved white, fully developed October 22, good from any bud August 25 and after. Dwarf habit, 4½ feet; from May planting will produce three to four perfect flowers per plant for those who prefer them only medium size. Has abundant dark, glossy foliage extending up to the bloom, short-jointed, ridged stem. Recommended for certificate by all five of the C. S. A. committees.

Little Gem—A seedling from the little yellow of Japanese origin, known as Baby, and possesses the same form of petal, but is somewhat larger, about one inch in diameter. Color, a very pleasing shade of lavender pink. Strong upright growth, in perfection first week of November. Entirely distinct from any pompon. An acquisition to those desiring artistic arrangements, and the commercial grower need have no hesitancy in securing this striking novelty, as strong demand is assured. At Cleveland, in 1915, Little Gem was given the highest scoring of any seedling submitted, not excepting the large flowering by the C. S. A. judges.

The Crest—Maturing the end of November and may be kept well into December. Owing to the guard petals being very long we can not recommend this variety to those consigning their stock, but to those retailing their products it will be a welcome addition to the late flowering section. Is also an acquisition for those desiring pot plants for late decorations. When grown cold we have had it in good condition after Christmas. Pure white, showing traces of pink when allowed to remain on the plants for a long time. This variety originated with James Dowden, Millbrook, N. Y. C. S. A. Certificate.

Chrysanthemums for Thanksgiving.

Thanksgiving is past, but next year's harvest is ahead, and the wise man lays his plans while the success or failure of this season is still fresh in his mind. When Wm. Kleinheinz, president of the Chrysanthemum Society of America, visited the E. G. Hill & Co.'s establishment at Richmond, Ind., last year, he said he never had before seen such a fine lot of Eaton and Chadwick. The crop just cut out for this season was fully equal to that of last year, there being over 20,000 of white and yellow Chadwick and the same colors in Eaton, all of extra size, with a smooth, satiny finish, splendidly salable stock that would bring top market price or in an overstocked market be the first to go. These are all grown, one to a plant, six inches apart, tied to wire rose stakes with raffia.

Over 60,000 plants are grown. Smith's Advance and Alice Day are the early whites. Early Rose is a first-class early pink. Golden Glow, Golden Queen, better than Chrysolora, and Marigold are the early yellows.

White Chieftain is the midseason white, and then follows Eaton and Chadwick. A pure white Chadwick is in the making here. Hamburg Late White, a white Maud Dean, was well thought of. E. A. Seidewitz is the preferred late pink, wonderfully fine in every way. Yellow Turner, Bonaffon and then yellow Eaton and Chadwick fill out the season in their color.

The best singles are Mrs. Buckingham, white and golden Mensa, and Golden Star.

The pompons are: Frank Wilcox, generally known as Mrs. Frank Beu, Languet, a golden anemone; Lillian Doty, pink, and Peace, a pink. Inga is an early red, Lillia, a tall red, and Helen Newberry, a white. Marianna, Hill seedling, a snowy white, is extra early and will be out next season, as will also Little Pet, a perfect pink, round as a ball.

Mr. Hill, the modest man he is, gave all credit to the soil for the great quality shown in the flowers. The



Specimen Poinsettia at The Geo. Wittbold Co.'s, Chicago.

stock plants are kept dormant until January, when they commence on cuttings. To get the fine late stock, plants are not benched until the middle of June and then kept on the jump until the flowers are ready to cut, when they are held the balance of the time by juggling the temperature.

Chicago Park Shows.

The people of Chicago are indeed fortunate in their park conservatories, as in no other city of this country is there such a series of well-kept tropical gardens. Here, in addition to wealth of palms, ferns and other choice foliage plants that enter into the more or less permanent decorative schemes that are always to be seen, there is the exhibition or display of seasonable flowering plants grown in large quantities, so that their artistic arrangement in connection with the fixed and movable foliage stock makes possible color effects on a large scale in keeping with the size of the houses.

These exhibitions follow one another the season through, relieving the monotony of the plain green of the huge palms, ferns and other like plants, which in their robust growth extend almost to the glass.

The range of conservatories at Garfield park is larger and contains a greater variety and excellence of plants than are seen in either of the others. During the late summer and early fall the display house is filled with foliage and flowers in autumn tints—crotons, acalyphas, caladiums, Hibiscus Sunset, streptocarpuses, solanums, peppers and other fruited plants, with Catalonia jessamines for perfume. These give way to the chrysanthemums, for which great preparations are always made. A long oval in the center is filled with well trained plants, with smaller stock along the edge. Banked on either side, from the walk to the walls of the house, is a splendid collection of seedlings, single and semi-single sorts, many of them raised in the park. They were beautifully arranged as to color, one side red, shading finally through yellow to white, and the other white, shading to pink. A large bank at either end of the house of single stemmed plants, each with a huge flower, was an attractive feature. Suspended at intervals from the high roof over each walk, were a number of large baskets of chrysanthemums, mostly of the trailing type, as seen in C. indica. Golden Chain, a cross made here with indica and a seedling white, is a great improvement on indica. These baskets attracted much attention. A grafted plant containing 81 varieties, captivated many. There should certainly be a great market for the single varieties as seen here, and florists who do a plant trade should keep them to the front. Over 4,000 plants were in this display.

Following the chrysanthemums will be the Christmas stock, 3,000 poinsettias, begonias, cyclamens, stevias, Roman hyacinths, callas, etc., in quantity sufficient to fill the house, will give a gay and seasonable display.

The fern house is a delight. From a carpet of Selaginella Kraussiana rises a fernscape, if it can be so called—it is like a lovely glen surrounding a small lake. Cibotiums are the feature. Schiedei is the variety—a number of splendid plants. We have never before seen it in such luxurious growth. A magnificent blue cycas stood out prominently. Other ferns and foliage plants in large specimens add their beauty. Selaginellas and low growing ferns cover the ground. It was hard to leave this paradise of ferns.

A tropical house was gay with Anthuriums Andreanum and others and many highly colored alocasia, pothos, pandanus and other plants of the tropics. Conifers, araucarias and hardy and semi-hardy plants of this class filled one house, while the economic section with medicinal, perfume, and ornamental wood plants was interesting. No one will ever regret a visit to the Garfield park conservatories.

At Lincoln park, a fine collection of large palms is seen; also, a fern house with a greater variety of tree ferns than at Garfield park, but not so effective, lacking the space. A house of chrysanthemums was also a feature.

Washington park conservatories are a long range with a wide center walk, on either side of which is banked a wealth of tropical and semi-tropical plants, everything in the best of order. Chrysanthemums were also a feature in one of the sections. In a cross section palm house, a very pretty ground effect was made with saxifragas, which seemed perfectly at home,



Chrysanthemum Smith's Imperial.

covering the ground with a dense growth of leaves. Such lovely winter gardens as these should be in every large city in the land. The craft could make them possible, if they would. Such houses cannot help but be a great factor in increasing the love for flowers.

Acalyphas.

One of the plants that is not ordinarily grown as well as it ought to be and which makes a beautiful showy plant is the acalypha, especially *A. Godseffiana* and *A. Sanderi*, which bears long spikes of red flowers, sometimes called the chenille plant, from the flowers which resemble large pieces of red chenille. The plants should be well hardened off in the fall and cuttings of the new growth can be taken during the winter, in November and December, if fine specimens are wanted. The cuttings are taken preferably with a heel and root easily in a warm propagating bench. When rooted they should be potted in a good rich soil and placed in a warm greenhouse until they have made roots and commenced to grow, when they can be removed to slightly cooler quarters. The great mistake made by many growers is to place them in a cool house immediately after they have been taken from the propagating bed and they stand half dormant, and if too cool frequently lose much of their foliage, and get stunted. To have fine plants they should be kept moving all winter and potted into large-sized pots as soon as necessary, and a few of these showy plants well grown will attract attention and redound to the credit of the grower. Aphid and mealy bug are the two insect enemies of these plants, and should be kept in check continually or the plants will be ruined. The bedding acalyphas should be handled in a similar manner, but the first of the year is early enough to start the cuttings of these unless there are signs of a shortage of stock, in which case early propagation is to be recommended, and it is seldom one has too many of these plants if they are well grown.

PINE HILL, N. Y.—Hugo Burki has completed extensive improvements at his range.

WITH THE GROWERS

George Reinberg, Chicago.

About 20 years ago, George Reinberg erected his first range of glass. Year after year additions were made until almost all the available ground was covered. Nothing has been added during the past 10 years. The total glass area is 700,000 square feet. The houses are all built on the ridge and furrow plan, the individual units being 20x265 feet, in blocks of 10 or more. The gutters are 7½ feet above the ground, the ridge pole 16 feet.

With the exception of one range, the entire place is planted with roses, which are all strong, healthy stock, full of growth and buds, timed to have full crops for the Christmas holidays.

The various ranges are divided in the center with a four-foot walk, from



Chrysanthemum Little Gem.

which to each end of the houses run four-foot tables, between which is a 22-inch walk. Each bench contains four rows of plants. They are carried for two years and some for three, but none over, new stock being considered best after that time. Good compost, one fourth manure, is used on the benches, and twice a season in the fall, and again in February, they are mulched with manure. No artificial aids are given—no bone, no manure water—nothing but the good soil and the mulching of manure. They are grown cooler than is the rule in many places—night temperature, 56° to 58°, and the same in day time, except when the sun raises it on bright days. John Model, the foreman, a very competent man, thinks they get as many flowers to the plant as when kept warmer, and is sure the buds are larger, firmer and more satisfactory.

The benches are about 16 inches above the ground. Underneath, about four inches from the ground, are the 1¼-inch heating pipes, two to a bed. In addition, on one side of each bed at the ground, is an inch pipe—they call it a sulphur pipe. This series of pipes is connected up separately with the boiler, mostly for use in fighting mildew in the fall and spring, when it is necessary to evaporate sulphur and give a little heat to dry up the damp atmosphere so prevalent at these seasons.

All the varieties of roses appear to be at home, Russell, Sunburst, and Richmond, some of which, particularly Russell, which is said by some growers to require more heat, were all in the same vigorous growth and full of promise. Richmond plants were seen with 6 to 7 buds, that were almost ready, the crop being for Thanksgiving and early December. Sunburst was also very full of buds, nearly all a fine color. There were quantities of Ophelia and White and Pink Killarney, all in crop now and many beds timed for the holidays; nothing could look more promising. If black spot appears, the remedy is a little manure mulch, kept moist with light sprinkling, which stimulant induces a new growth and cures the spot. Mr. Model said it had always proved effective with them. When it is necessary to fumigate, tobacco stems are used, about a bushel in each of four places in each house of a range. This is piled in the path and over each, on a handful of wet stems, is sprinkled two teaspoonfuls of arsenic; he finds the poison in the tobacco fumes very effective, it being sharp and suffocating to all animal or insect life.

Some Richmonds had been forced steadily for three years with good results, but those that were rested, he believed, gave a better winter crop.

Asparagus plumosus is grown rather extensively, a range of 40,000 feet of glass being planted with the useful greens. It is in benches, and is replanted after the third year. This large place, in such perfect order throughout, has but 32 employees, including firemen, teamsters and chauffeurs. The quantity of roses and the varieties, follow:

Richmond, 70,000; White Killarney, 60,000; Sunburst, 32,000; Pink Killarney, 26,000; Ophelia, 26,000; Russell, 4,000; total, 218,000.



Chrysanthemum The Crest.

Jos. H. Hill Co., Richmond, Ind.

Ideal in location, with greenhouses of the latest type, embodying all that is best in permanent construction and particularly designed for the crops that are specialties here, this establishment is in the A1 class. It is planned for additions as found necessary, being in the center of a level 10-acre plot. A railway siding within a block, furnishes coal almost to the boilers. A car line brings visitors to the door. A Lord & Burnham house, 60x400 feet, is planted with roses in tile bottomed beds. Twelve-inch planks on edge run the length of the beds on either side; these are filled with soil, on top of which across the bed, are laid three-inch drain tile, close together, the open ends projecting to the walk. On top of this, the bench is made, containing six inches of soil, the tile forming the bottom. This appears to be the standard rose bench of the western growers. A 1½-inch steam pipe on either side of each bed, near the ground, helps keep a circulation of warm air through the tile and prevents the soil from ever becoming soggy, insuring perfect drainage.

The stock is all grafted, Mr. Hill stating that unquestionably they are better than own roots, giving twice as many flowers in the early fall and winter months and with longer stems. Hoosier Beauty that had been planted in July had a number of buds with four-foot stems and many three-foot shoots; the beds looked wonderfully vigorous. It was their most prolific red. A bed of Hadley, while not showing much flower, was looking very well; it has not done well in the west, but was being given another trial. Mrs. Ward was in the greatest vigor. If this variety is cut too close, it is apt to get a check and go dormant. Numerous long shoots are encouraged to keep up the necessary foliage. Ophelia was seen in remarkable growth. It would be difficult to find a better house of 12,000 roses anywhere. A block of the new seedling rose No. 467, of the E. G. Hill Co., which Joseph H. Hill said was the best in his opinion of his father's Ophelia crosses, was in splendid growth and full of flowers.

Carnations are a specialty and are grown in four houses, each 34x400 feet, ridge and furrow, with 17-foot ridge and gutters, 7 feet above the ground. These are of Foley construction and seem ideal for carnations, chrysanthemums and like crops. One hundred and twenty thousand plants are growing on benches, several of Mrs. Ward, which were vigorous in growth and buds and had been grown inside all summer. Most of the stock was, however, field grown.

A new plan to insure against drouth in summer is to be tried out next year. A four-acre plot has been graded and tiled; a row of four-inch tile, laid three feet deep every 40 feet, aerates and provides drainage. At the headland along the highest elevation of the ground is an iron pipe with outlets plugged with wood, from which water is run as required between each row of plants, the graduated fall taking it the full length of the field. After the soil has been saturated, it is worked as between rains, and will hold the moisture for from two to three weeks. This is the California idea of irrigation, Fred Howard, of Howard & Smith, Los Angeles, planning the system for Mr. Hill.

Champion was considered the best red carnation, making more and better flowers than anything of its color. Enchantress Supreme was the light pink, with Mrs. Ward the dark shade.

All young stock is grown from plants in beds grown cool and for cuttings only. Great stress is laid on selection, plants that show unusual vigor and

color in the blooming stock being marked and kept for propagating.

Chrysanthemums are another of the features here; they are grown largely for the company's retail stores in Cincinnati and Indianapolis. Superb stock it is, the Eatons and Chadwicks, yellow and white, grown one flower to a plant, having a size and finish that would bring top price in any market. Forget-me-not is an edge of the bench plant in some of the carnation beds. Wall flower, mignonette, snapdragon and sweet peas are all being grown for their own stores—very fine stock it is. Joseph H. Hill is one of the coming men of the business—a worthy son of his distinguished father.



Dr. W. Van Fleet.

Dr. W. Van Fleet, Rose Hybridizer.

One of the most interesting men in the United States department of agriculture, bureau of plant industry, Washington, D. C., is Dr. W. Van Fleet, whose long continued and untiring efforts in the improvements of our outdoor roses has produced many very fine varieties. In connection with his work in the investigation of economic drug and perfume plants he is also actively engaged in experiments for the betterment of hardy roses suitable for every garden. In a recent interview he spoke freely of his work in this direction and the hope of a more enduring and satisfactory everblooming type for the common garden.

For the common door yard garden he finds the hybrid teas, taking them as a class, are not satisfactory; a few of the most vigorous will answer; but a number of the choicest sorts have not the stamina to stand our vigorous eastern climate except in the hands of the professional gardener. The hybrid perpetuals are the best and it is hoped that by crosses with the rugosa type that their period of bloom may be prolonged and made more frequent.

In the work of hybridizing one is never sure of results, an annual bloomer being the result at times of crossing for free flowering qualities. The ordinary householder's garden, planted with the hybrid tea roses, would resemble a sanitarium, as so many would be ailing and in need of treatment most of the time from one cause

or another. Where the plants get only ordinary care, the strong vigorous varieties should be selected. Even Caroline Testout, one of the most beautiful hybrid teas, does not do well in California, but in Oregon it is superb; is in fact, overplanted on account of its popularity.

In that region the climate is particularly suited for the hybrid teas. Sunburst, just introduced, is seen four feet in height carrying 25 to 30 flowers. Golden Gate grows 10 feet high covered with bloom. The government, through the department of agriculture, recognizing the advantages of cheerful surroundings in making the farmer's home attractive, is giving considerable attention to producing a hardy class of roses with frequent periods of bloom. At Chico, in the north Sacramento valley, an eighty-acre garden has been established for the dissemination of introduced plants. Here they are experimented with and tried out, and if found desirable, introduced into channels of trade. In experimenting with pears to overcome the blight that has been so disastrous, crosses had been made with the native pear of China, a very strong grower free from disease, but the fruit of which was not edible. From these experiments, which took two periods of seven years each, a variety bearing fruit of very large size was developed. Dr. Van Fleet made a number of crosses from this and feels sure that when the results are known seven years hence, something of great value to fruit growers will result. He has just returned from the Chico gardens, where he made over 600 crosses of roses. Banksias, Cherokees, and MacCartneys, were used, with varieties, the result of his fertilizations of six years ago, from which had developed very interesting sorts. Hybrid blood was prevalent in these and it was hoped to produce that much to be desired hardy rose with the free blooming qualities of the tea class. The work is slow as it takes so long to get results; three years are necessary before satisfactory flowers, showing the real qualities of the variety, are developed.

Manda's Gardenia, one of the best of its class, did not produce a flower until the third year and was almost discarded. Seedling varieties, which at first seem disappointing, often develop good qualities, as plants gain in strength. It is a great mistake to propagate immediately from a young seedling plant that has shown a satisfactory flower; it should be allowed to gain in strength and vigor and become thoroughly established before any cuttings are taken. Dr. Van Fleet hopes that from the work done at Chico, there would be developed varieties that would do well in the more vigorous climates of different parts of the country. They would be experimented with as are some of his earlier crosses now in the east, to try them out before they would be pronounced satisfactory. He hopes to see amateurs take up the work of crossing for new varieties—it is very fascinating. The hybrid tea crosses have to be perfected under glass, or in the south or California coast, as the season elsewhere is not long enough to properly ripen the seed out of doors. The first or great crop of flowers in the teas do not fertilize well; later on, second crop flowers are more sure. Hybrid roses mature their seed out of doors and offer a good field for the amateur who will experiment with this class.

Two beautiful blooms of his Silver Moon were on his desk. This famous variety is a cross between Devonensis and Cherokee, and this later with

Safrano. It is one of the most beautiful ramblers and several selected varieties were to be fertilized with the pollen from these flowers the day following our visit.

Growing roses to get good results should be done on the Chinese system. The Chinese are said to pay their physicians as long as they are in good health, but nothing when ill. Roses and other plants will flower abundantly when the environment is right and they are given the proper care and attention, but when they have to struggle against adverse circumstances

feature. A greenhouse on the roof is kept filled with palms and other plants for this purpose. The entire building is used, the second and third floors being used for the making of magnolia and artificial flower wreaths, sprays, etc., for Christmas and cemetery decorations, and for funerals, they having a large business with out-of-town undertakers. A range of glass of over 150,000 feet, in Castle Shannon, Pa., furnishes a portion of the cut flowers and plants for the store. The company also has a large stand in the Allegheny market.

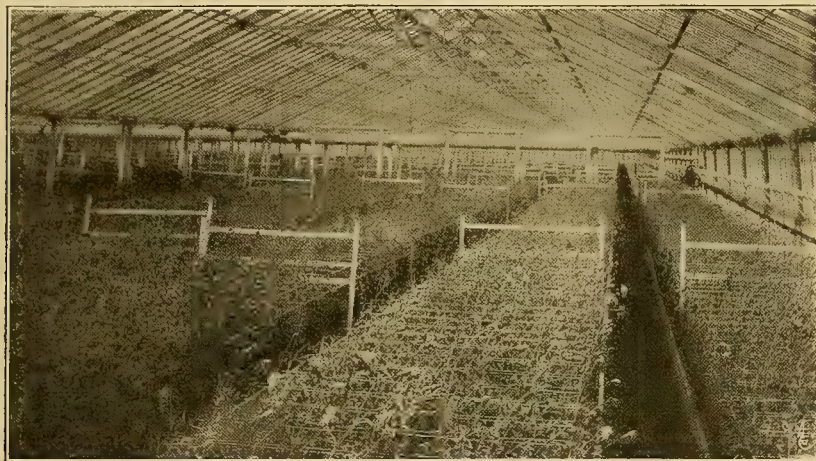
framed photographs of designs is a feature. In the rear, in a separate building, artificial flowers, crosses and wreaths of magnolia and crepe sprays, with cypas, that keep a force at work in their preparation the year through, are wonderful in variety. A crepe spray, with a hinged wooden back to fold compactly for packing, is a feature. This business with country undertakers is one that might be worked up to advantage by many of the trade who never give it a thought.

The Allegheny market florists include some who sell all they grow here, such as John Schweiger & Son, who make a specialty of Bonnaffon chrysanthemums at this season and bedding plants in the spring, and others who are simply dealers, doing a retail business as in a store. Walter A. Faulk has a well stocked stand, carrying a good line of cut flowers. George E. Hallem, Hallem & Miggle, F. C. Hinkle and A. J. Miggle all carry full lines of flowers and plants.

The Blind Floral Co.'s store at 501 Liberty avenue, is very conspicuous with its two corner windows, partitioned off from the store with an ornamental lattice. The office fixtures, the cases and ice box are well placed, while choice large palms on pedestals, tables with vases and bric-a-brac, and vases of fine chrysanthemums artistically placed to add to the decorative effect, make this a very beautiful store. R. J. Daschbach, Inc., at 417 Wood street, with his large show windows, high ceiling, and handsome white enameled fixtures, and stock of plants and chrysanthemums, placed to show to the best advantage, makes a very satisfactory and modern flower shop. Miss C. A. Friel is manager here.

Jacob J. Fuchs, at 1708 Carson street, has a very showy and roomy shop, while the F. H. Reigelmeier store, at 1830 Carson street, is quite metropolitan in its tastefully arranged interior. A very showy white Studebaker car, with commodious body, is a feature of his delivery service.

On the south side, the South Hills Floral Co. has a large store, with a greenhouse in the rear, well equipped for business.



PARTIAL VIEW, JOS. H. HILL CO.'S CARNATION RANGE, RICHMOND, IND.

and fight for their very existence; not much can be expected in return.

Dr. Van Fleet has given us many beautiful roses—his Silver Moon, American Pillar, and that splendid variety, Dr. Van Fleet, named by others in honor of him, are a few of his many introductions. May he be spared many years to continue the work he loves so well.

Spiraea Japonica.

When the roots of spirea arrive, do not leave them lying around in a dry state. This plant never does well if allowed to get too dry, even in a dormant stage, and every grower knows that one of the principal things in growing them is to keep them well supplied with water. Those that are to be grown for Easter are better potted at once and kept cool until the first of the year, but before potting soak the clumps well in a tub of water; then after potting water thoroughly and place in a cool, dark place. Those that are to be bloomed for Memorial day or late in spring can be left in the case, but turn the hose on them and give them a good soaking and then put them in a cool, damp cellar until late in winter, when they can be benched or potted as desired.

Pittsburgh Notes.

The out-of-town florist will find much of interest in this great manufacturing center. They are as up-to-date here as in any city of the country. Randolph & McClements, the A. W. Smith Co., Mrs. E. A. Williams, the E. C. Ludwig Floral Co., the Ludwig Floral Co., the Blind Floral Co., and other stores being first class in every respect. Over in the Allegheny district, the Ludwig establishments are a factor. The Ludwig Floral Co., 502 Federal street, have a large, well equipped store, in which all classes of trade is catered to. Decorations are a

The E. C. Ludwig Floral Co., 710 East Diamond street, have also a well stocked store in the Allegheny market where a large business is done, particularly on market days. They employ quite a large force. An extensive trade in funeral work, of which they make a specialty, keeps this department busy at all times. Theirs is a continuous performance, an all night force succeeding the day men, many orders being received at night from their out-of-town customers. The store is beautifully furnished with show cases, all full of selected stock. A series of



ROSE WICHURAIANA HYBRID.
Dr. Van Fleet's Original Plant.

San Francisco.

SUPPLY OF FINE QUALITY BUT LIMITED.

The long continued cold spell, which we have been experiencing, has had a tendency to keep flowers of all kinds on the short side. The quality of stock being received is all that could be desired, but there is not enough to go around with the possible exception of violets. The prospects for a large supply of cut flowers for the holiday trade is not very bright and florists are planning to push the sale of pot plants of which there seems to be a sufficiency. Roses that are coming in are very good in quality and bring high prices, but many more could be used if they were procurable, American Beauty and Russell being particularly in demand. The same is true of Richmond and Ophelia. The supply of Cecile Brunner is rapidly getting shorter. Lily of the valley is practically cut off the market. Orchids are in splendid demand, but the supply continues extremely short. Quite a few gardenias are coming in, but are snapped up eagerly. Violets, owing to the large acreage planted, are in good supply. A great number of these are shipped daily out of the city to other states. Carnations of good quality are in great demand at good figures; the market cleans up early daily on this item. Some splendid Matchless are being sent in. Belle Washburn is also very popular. Freesias are beginning to come along in limited quantities and are quickly disposed of. Paper Whites are also arriving. The stores are rapidly taking on a holiday appearance, and splendidly grown poinsettias, begonias, cyclamens and berried plants are to be had. The present indications point to a heavy plant trade and the florists are all preparing for it. Some imported holly is to be seen, but the native California redberry practically takes its place in this market. Great quantities of it are arriving daily and are being made into wreaths and for other decorative purposes. There seems to be an abundance of greens of all kinds with the exception of smilax.

NOTES.

Since the dissolution of the Luther Burbank Company, all of the new plants raised by Luther Burbank will be distributed by him from his own nurseries at Santa Rosa. Mr. Burbank welcomed the opportunity which was presented to him four years ago by the formation of the Luther Burbank Company, through which he believed it would be possible for him to devote all his efforts and attention to the creative work and not be burdened by the commercial part of the business. While Mr. Burbank during this period has continued his experimental work and creative development with marked success, yet the commercial and distributive plans of the company were not successful. Mr. Burbank therefore terminated his contract with the company, which is no longer in existence. He has, therefore, decided to resume his former custom of distributing his products direct to the public.

The annual banquet of the Menlo Park Horticultural Society was a splendid success in every way. Notwithstanding the fact that it was a stormy night, the trade from this city and along the peninsula was well represented. Percy Ellings proved a very happy toastmaster. The banquet was a sumptuous one and the "grape" was passed around after the presentation of the cups and medals. The evening was a jolly one and will be long remembered. The next meeting of the society will be the election of officers for the ensuing year.

The daily papers are giving quite a lot of space to writing up the late John Kelly, who died in Sacramento

last week. He was gardener for the late Leland Stanford for over 40 years. He left over a quarter of a million dollars to charity, he having no known relatives. Mr. Kelly was a very industrious man, and notwithstanding his wealth, worked for the Stanford estate at small wages until shortly before his death. He was over 90 years old. There are already numerous claimants for his fortune.

In the first suit of its kind ever brought in the state the city of Burlingame has taken action to "abate" the McLellan Nurseries, which occupy four city blocks between the Southern Pacific tracks and the bay. The outcome of this action is being watched



The Late J. E. Hoopes.

with much interest by the trade. Mr. McLellan states that he will fight to a finish, and the trade to a man hopes he will be victorious.

The MacRorie-McLaren Co. is displaying a fine lot of Christmas plants at their Powell street store. The poinsettias are especially good. The large supply of this plant at the nursery is practically sold out. The begonia stock and cyclamens are also fine.

The last meeting of the Alameda County Floral Society was held in the Oakland Museum. Prof. R. T. Stevens spoke on "The Landscape Value of Trees and Shrubs." The meeting was largely attended and Mr. Stevens' remarks were well received.

M. H. Ebel, of Sacramento, spent several days in this city during the week, attending to his supply for the holidays. He reports trade as fine in the capital city and says the prospects for Christmas could not be better.

J. E. Beogtholdt, of the Silva, Beogtholdt Co., of Newcastle, was a visitor during the week. He says he is well pleased with the way the nursery business is opening up in the northern part of the state.

The election of officers of the Pacific Coast Horticultural Society will take place during the latter part of the month, the date to be announced later.

G. N.

Cincinnati Notes.

The store of the E. G. Hill Floral Co. has very artistically arranged windows; one with Christmas wreaths, baskets and plants, underneath a large white enameled pergola-like structure was attractive, while another nicely arranged in a garden effect, with sheet moss, cork bark, and low vases, generously filled with orange calendulas, was very striking.

A couple of live white tumbler pigeons, sat very complacently on perches among the flowers, looking at the crowd, constantly attracted by the novel sight. These windows were arranged by John G. Chisholm, the young floral artist in charge of all their designs and decorations. Henry Sheppard, the efficient manager of the store, is the "Woodrow Wilson" of Cincinnati; his resemblance in all but age, to that celebrated gentleman, being most striking.

Bour & Co. have a very much up-to-date store, their wide front furnishing an abundant space for decorative effect that is well handled. Their large flower case was full of choice chrysanthemums and other flowers nicely arranged. A large fountain was a feature. A splendid line of baskets decorated one of the long side cases. Cases filled with knick-knacks of all kinds, vases, etc., had a place. The wide show windows were full of Christmas plants and suggestions; one section displayed a number of flower floats with Ophelia roses. This is a very pretty store.

Edward A. Forter's good looking shop at 128 West Fourth street, was a model of neatness; all the fixtures were in white enamel; ice box, electrically lighted cases, mirrors and show window, all spotlessly white. Counter show cases of all glass were tastefully filled with ribbons, vases and other floral bric-a-brac. A bank of palms along the rear side wall was a pleasing feature. A large work room in the rear contained auxiliary storage boxes for cut flowers. Miss Forter is her father's bookkeeper—a most competent assistant.

Hardesty & Co. had their windows filled with choice cyclamens, boxwood wreaths and other Christmas suggestions. Log cabin boxes filled with flowering and foliage plants, samples for the holidays, were nicely done and seasonable. The ice box was filled with choice Russell, Killarney, Hoosier Beauty and other roses. Orders were coming in nicely for the holidays.

A flying visit to this Ohio city, allowed but a hasty glance at some of the retail stores, which in their neat and tasty appearance and in some elaborate adornments, are all that could be desired. K.

Columbus, O.

HEAVY CHRISTMAS DEMAND EXPECTED.

Up to present writing, Christmas trade has been exceptionally good, with every prospect that the fine holiday business of last year will be surpassed. There appears to be no end to roses; practically all varieties are well represented, and they are of excellent quality. American Beauty is held at from \$8 to \$20, and prices range down to as low as \$1.50 for the least desirable. The average selling figure is a satisfactory one to florists. The supply of carnations will not be able to stand the volume of buying; the increasing scarcity has sent the price up to \$1.50 on white and pink, and \$2 on red. Lily of the valley is bringing \$1, double violets \$1.50, and ordinary violets 75 cents to \$1. Sweet peas are very scarce, some florists being entirely out of this favorite. Other prices on staple stock are, calendulas 75 cents, and narcissi 75 cents to \$1. Orchids run from \$1.50 to \$4 each. In the more strictly holiday stock, azaleas range from \$3 upward. Cut poinsettias sell from \$5 to \$10 a dozen, and poinsettias in pots from 50 cents upward. All kinds of Christmas greenery is in good demand. There is a lively trade in small filled baskets. Some stores are showing attractive displays of artificial flowers, but they do not receive much favor. The artificial wreath trade is quite heavy. C. J.

OBITUARY.

William Crawford Barry.

William Crawford Barry, president of Ellwanger & Barry, Inc., Rochester, N. Y., died at 7:30 o'clock, December 12, at his home, No. 706 Mount Hope avenue, of pneumonia, with which he was stricken three days previous. He was 69 years old.

Mr. Barry took a leader's part in the birth and growth of Rochester's park system. For 26 years he was president of the Western New York Horticultural Society. He was president of the Rochester Trust and Safe Deposit Co., which his father helped to found; was a director of the Flour City National Bank before its consolidation with the German-American Bank, which became the Lincoln National Bank; was vice-president of the Lincoln Bank, chairman of the executive committee and a director, and was a trustee of the Monroe County Savings Bank.

The Western New York Horticultural Society would not permit Mr. Barry to retire from the office of president. His urging that a successor be elected and his arguments to the effect that his year-after-year reign was unfair to other men who would make competent leaders fell upon deaf ears. The presidency was Mr. Barry's from 1890, and in his administration the membership grew from 300 to 1,500.

Mr. Barry was deeply interested in the State College of Agriculture at Cornell University and in the establishment of agricultural experiment stations. He was president of the Board of Control of the New York State Experiment Station for three years. He served as president of the Eastern Nurserymen's Association, as first president of the American Rose Society, and was member of the American Pomological Society.

From the time the park board was created to the day in 1915 on which it passed out of existence, Mr. Barry was chairman of the Highland Park committee. Highland Park was one of his children, and he took pride in its cumulative popularity. He gave to it a collection of peonies; in this way and that he added to it, got appropriations for it, and by grace of friendly scientists, such as Dr. Charles S. Sargent, of the Arnold Arboretum, increased its floral and shrub wealth.

Mr. Barry made a study of the lilac and in 1909 published a pamphlet on it, in the hope that other people might derive the same enjoyment that he did from the flower's fragrance and beauty. He wrote the "lilac time should be celebrated in every home and made a feature, marking a period which can not only be looked forward to with delightful anticipation, but recurred to as an event with pleasant memories." He also wrote a useful pamphlet on outdoor roses.

Mr. Barry leaves three sons, William C. Barry, Jr., Frederick G. Barry and Arthur A. Barry; a daughter, Mrs. Charles H. Stearns, and a sister, Mrs. Bernhard Leisching. Funeral services were held at St. Patrick's Cathedral, December 13, and the burial in Holy Sepulchre cemetery was private.

Mr. Barry was born in Rochester September 17, 1847, son of Mr. and Mrs. Patrick Barry. He was the oldest of eight children. His father, who was born in Ireland, came to this country in 1836. After teaching school for several years, Patrick Barry entered the nursery business at Flushing, L. I. He came to Rochester in 1840, and at the time of his death was known as a nurseryman all over

the United States. Mrs. Patrick Barry was born in Richfield, N. Y.

Wm. C. Barry received his education from a tutor and in the parochial schools of this city. Later he attended Seton Hall College, South Orange, N. J. After he was graduated his father took him, with a brother, to London. They were to have at least two years of study—1867-68—on the continent. The young men went to Berlin and to Heidelberg, and afterwards to the University of Louvain, in Belgium. Then they went to Paris, and when they returned to the United States in 1869 they had acquired fluent use of French and German. Mr. Barry married Miss Louise Gaffney,



The Late Wm. C. Barry.

February 11, 1874. She died five years ago.

William Barry went to New York and took a position with what was then one of the largest seed houses in the country, that he might have practical knowledge to bring to the firm of Ellwanger & Barry. With the nursery that bears his name he mastered the minutiae of each department, one by one.

His mind was a reservoir of knowledge from which the city drew freely and gratefully when it began to see that in the stretches of land along the Genesee it had something to give posterity besides man-built streets. The park commission was organized April 27, 1888, and the firm of Ellwanger & Barry gave to the city about 20 acres of land adjoining the Highland reservoir as the first step in the creation of a park system.

Mr. Barry was a charter member of the Chamber of Commerce; the certificate of incorporation of which was signed June 15, 1888. He served continually on the board of directors up to the time of his illness.

Mr. Barry was a member of the Genesee Valley Club and the Country Club of Rochester.

Joseph Erskine Hoopes.

Joseph Erskine Hoopes, of Muscatine, Ia., one of the leading truck gardeners of the state and head of the well-known firm of J. E. Hoopes & Co., seed growers, whose serious illness was announced in our issue of December 16, page 1210, died at his home in that city December 15. His death was due to atrophy, the result of a fall in 1913, since which time he had been in failing health.

Mr. Hoopes was born in Cambria county, Pa., in 1853, but located in Muscatine in 1856. He received his business education in that city, and with his brother embarked in the truck gardening business in 1875. This partnership was dissolved in 1889, and J. E. Hoopes became a partner in the firm of Hahn, Hoopes & Co., which was succeeded by the present firm of J. E. Hoopes & Co. In 1893, a seed department which has become a prominent feature of the firm's business was added, the trade extending throughout the central west. He is survived by his widow, two sons, one daughter, two brothers and two sisters.

Mr. Hoopes was active in the civic and religious life of the city, prominently identified with many of the city's industries and was a member of the Muscatine County Crop Improvement Association and other organizations.

Herbert W. Johnson

Herbert W. Johnson, one of the founders of the American Seed Trade Association, formerly prominent in the seed trade of Philadelphia, Pa., as one of the partners in the firm of Johnson & Stokes, established in 1860, and later as head of the Johnson Seed Co. until that concern became insolvent in 1915, died at his home in Haddonfield, N. J., December 10, aged 65 years. Bright's disease was the cause of his death, he having been a sufferer from that malady for the past two years.

Mr. Johnson was born in Bucks county, Pa., in 1850, and was educated in the Friends' school of Philadelphia. In addition to his business activities, he was prominent in public life, having served two terms as state senator in New Jersey, was sheriff of Camden county, from which position he resigned after about one year, and was a member of the state board of health at the time of his death. He was also prominently identified with the Commercial Exchange of Philadelphia and the Bourse of that city. A widow, two sons and two daughters survive.

Charles J. Blackert.

Charles J. Blackert, a well-known retail florist of St. Louis, Mo., with greenhouses at 4426 Labadie avenue that city, died December 9, aged 72 years. He was born in Sweden and came to this country 45 years ago. He was well known to the local trade in St. Louis and in his earlier days held a prominent place among the florists of St. Louis, but has been ailing for some time, although heart disease which was the cause of his death developed but a few months ago. He is survived by a widow and three children. The business will be continued by his son, Charles B. Blackert, Jr.

X. Y. Z.

Jerome Jones.

Jerome Jones, well known philanthropist and patron of horticulture, died at his home in Boston, Mass., December 13, aged 79 years. Heart failure which followed a bronchial attack, resulted in his death. Mr. Jones established the Henry A. Gane Memorial Fund of the Massachusetts Horticultural Society and will be remembered in the florist trade in connection with the chrysanthemum. Mrs. Jerome Jones, introduced in 1898, and named for the late Mrs. Jones by Mr. Gane, her father.

Samuel Snyder.

Samuel Snyder, aged 40 years, who for the past 17 years has conducted a retail store at Second avenue and 59th street, New York, died in Flower hospital, that city, December 17.

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THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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ROSE growers are having considerable trouble in securing their manetti stocks. The English growers are apparently sold out, according to cables, not being able to entirely fill early orders. French stock is also very scarce, shipments being delayed by railway troubles and slow ocean freight service. Prices in consequence are higher for small lots, if there are any available.

MUCH loss has been experienced by the trade caused by the recent sudden and extreme low temperatures. In late November and early December the delayed shipments of azaleas were in many cases a total loss. In the more recent zero weather, tender plants sent by express, although packed most carefully, have in many shipments, suffered severely and in others were rendered useless, this in part being due to congested conditions and almost a blockade of express service.

TINFOIL users will be likely to pay higher rates, the price of lead having advanced to \$8.

Smith's Killarney Sport.

We have received from Henry Smith, Grand Rapids, Mich., some fine blooms of his Killarney sport, the color and general character greatly resembling Killarney Brilliant. The flowers and good stems with fine foliage show fine culture. Supt. Collins says several thousand plants of this sport are grown and that the flowers find ready sale.

Wolfe Buys Waco Floral Co.

T. J. Wolfe, of Waco, Tex., on December 14, purchased the entire holdings of the Waco Floral Co., in that city, including five houses, each 25x150 feet, one propagating house, 12x150 feet, five acres of land with house and barns, and the entire stock of plants, etc. Mr. Wolfe reports that business is exceptionally good and the outlook for the coming year is excellent.

Detroit Flower Pot Co. Shuts Down.

The Detroit Flower Pot Co., Detroit, Mich., established in 1853, has announced, through its representative, Harry Balsley, under date of December 12, that labor and fuel conditions, car shortage, embargoes on freight, smoke ordinance and other matters over which it has no control, have forced the closing of the plant indefinitely. The hope is expressed, however, that the factory may be able to renew operations at some future date.

The Late Wm. C. Barry.

A great leader in horticulture has departed, Wm. C. Barry, who has been for nearly 30 years one of the foremost men in commercial horticulture in America. He has also been in his home city a leader in civic affairs. During the most of this period no forward movement in the artistic or practical side of our art has been complete without his freely given powerful aid. His was a notable personality, always a striking and respected figure in every gathering. His passing leaves a vacancy in horticulture and in the hearts of his associates which can not be filled.

Express Shipments of Cut Flowers.

Edward Reid's plan to make flowers "special delivery" matter at Philadelphia, which the express companies agreed to try out in this Christmas rush, will be watched with great interest by the trade everywhere. There have been many appeals to these carriers to give flowers, on account of their perishable nature, danger from frost, etc., right of way over the mass of general holiday shipments. This, however, has always been denied on the ground that it was impossible to keep separate or give special attention to any one class of goods. Should Mr. Reid's plan work out it will save the florists of the country many thousands of dollars annually. Growers who seldom get to town, should, however, keep in close touch with their representatives. The quality of their stock, packing conditions and time of its arrival, are vital matters, errors in which should be discovered and corrected before their disclosure in small returns.

American Rose Society.

The executive committee of the American Rose Society at its meeting, December 11, in New York, registered the rose, Mrs. Chas. Gersdorff, a new climbing hybrid tea offered by Chas. E. F. Gersdorff, Washington, D. C., described as follows: The plant is of strong climbing habit, sending strong canes yearly from the root, both in spring and fall; strong thorns, not too thickly set; profuse and almost constant flowering habit; flowers generally born singly though always in clusters of two to four; foliage very durable, remaining in good condition in hot sunshine for five days by actual test; buds large like tulips in shape; color, a beautiful Killarney pink, shading to bluish shell pink. The flowers possess a strong hybrid tea fragrance. Have grown these roses for past seven years outdoors without protection in both northern and southern exposures without winter killing.

An invitation was received from Cleveland, O., for the co-operation of the American Rose Society with the Cleveland flower show to be held in November, 1917. November 7 will be designated as special rose day at that time. This invitation was accepted.

A contract was ordered signed for the use of the First Regiment Armory for the spring show in Philadelphia, March 20-23, 1917. Arrangements are being made for a center attraction on the floor of rose gardens.

The committee on plant schedule and prizes reported, and the support received so far has caused an increase of the amount to be awarded for cut roses. There will be a special gold medal valued at \$50 offered by Kroeschell Bros. Co., Chicago, and the Toronto Horticultural Society has also sent medals. The preliminary schedule of prizes will be issued at an early date.

The death of S. J. Reuter, Westerly, R. I., was reported. Mr. Reuter was one of the substantial life members of the society, and the sense of the committee was expressed in the following:

Resolved, That this committee express to our vice-president, Louis J. Reuter and his family, the sincere regret of all at the loss sustained by them in the death of Mr. Reuter, senior, who was one of the early life members of the American Rose Society, and a man respected by all, and that the secretary be directed to transmit the same to Mr. Reuter's family.

The list of guarantors to the fund which now reaches in excess of \$6,000, the total number being 67, is as follows:

A. B. Scott.....	\$100.00	Jacob B. Wiese.....	25.00
C. H. Grakelow.....	100.00	C. Schoenhut.....	25.00
W. K. Harris.....	100.00	Edward Stroh.....	15.00
W. A. Burpee.....	100.00	Cleveland Flower Show Asso.....	100.00
Geo. Burton.....	100.00	Knoble Bros.....	100.00
Conard & Jones.....	100.00	J. Welsh Young.....	100.00
Jos. Heacock.....	100.00	M. H. Bickley.....	100.00
Alfred Burton.....	100.00	S. S. Skidelsky.....	100.00
A. Farenwald.....	100.00	Gude Bros. Co.....	100.00
H. F. Michell.....	100.00	Robert Simpson.....	100.00
Geo C. Thomas.....	100.00	Benj. Hammond.....	100.00
S. Mortensen.....	100.00	Admiral Ward.....	100.00
W. A. Leonard.....	100.00	Reuter & Son.....	100.00
Florex Gardens.....	100.00	Harry O. May.....	100.00
M. Franklin.....	100.00	S. S. Pennock.....	100.00
Lord & Burnham.....	100.00	Meehan Co.....	100.00
Aug. Doemling.....	100.00	E. Allen Pierce.....	100.00
Myers & Samtmann.....	100.00	A. N. Pierson.....	100.00
John Burton.....	100.00	J. M. Gasser Co.....	100.00
H. H. Battles.....	100.00	Victor Groshens.....	100.00
Louis Burk.....	100.00	Fred Burki.....	100.00
J. J. Habermehl's & Son.....	100.00	Henry A. Dreier.....	100.00
Edw. Towill.....	100.00	Budlong Rose Co.....	100.00
L. Coddington.....	100.00	Leo Niessen Co.....	100.00
P. Welch.....	100.00	Peter Fisher.....	100.00
E. G. Hill.....	100.00	H. Bayersdorfer & Co.....	100.00
A. M. Henshaw.....	100.00	C. H. Totty.....	100.00
W. H. Elliott.....	100.00	Samuel Murray.....	100.00
F. Breitmeyer.....	100.00	Emil Buettner.....	100.00
Wm. Kasting Co.....	25.00	Pennock Bros.....	100.00
S. A. Anderson.....	25.00	So. Park Flo. Co.....	50.00
W. J. Palmer.....	25.00	Vaughan's Seed Store.....	50.00
Robert Scott.....	25.00	Hentz & Nash.....	100.00

BENJAMIN HAMMOND, Sec'y.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Expert gardener seeks engagement on first-class estate. All references, life experience. Pacific coast preferred.

Key 727, care American Florist.

Situation Wanted—As working foreman on big commercial place growing roses and carnations; life-long experience and scientific practice; can handle men; sober and industrious; good references.

Key 705, care American Florist.

Situation Wanted—Superintendent-gardener (head) seeks position; country estate; temperate; excellent greenhouse manager; landscape artist; knows live stock, engines; life experience; best references.

A. PAWLITZ,
17 Vine St., Roxbury, Boston, Mass.

Situation Wanted—Designer with executive ability and experience in growing, desires responsible position; experience and credentials that assure results. Ohio preferred but will consider good proposition; young, married; a hustler. Address

Key 710, care American Florist.

Situation Wanted—By a practical man 42 years of age, with 20 years' experience in the florist business. An all around grower, salesman and designer; American born. Married and have one child 7 years old. Can furnish best of references. Please state wages in first letter. Address

Box 473, Salina, Kan.

Situation Wanted—By Scandinavian, single, with over 20 years' experience in Scandinavia, England, Germany and America. Several years in charge of Greenhouses and outside. Cut flowers, forcing and propagating a specialty. Well up in care of parks. References are good. Address

Key 717, care American Florist.

Situation Wanted—Seedsman wants situation; expert on grass, clover and field seeds; reliable vegetable and flower seedsman; languages, German, French and English; either in office, field, warehouse or on road; practical grower, with extensive European and American field and office experience; good catalogue and advertising man.

R. GERARD, Ulster Park, N. Y.

Help Wanted—Wanted experienced store girl, for St. Louis position. Address

Key 725, care American Florist.

Help Wanted—First class store man; state compensation and send references. Address

SAMUEL MURRAY
1017 Grand Ave., Kansas City Mo.

Help Wanted—Good pot plant grower for up-to-date commercial plant. Send full particulars in first letter, stating age, experience and wages. Address

Key 724, care American Florist.

Help Wanted—Experienced man for roses, carnations, chrysanthemums and general stock; required on private place; state salary and experience. Address

Box 424, Bettendorf, Iowa.

Help Wanted—Working foreman who understands growing carnations. Easter lilies, chrysanthemums, bulbs and bedding plants. 35,000 sq. feet glass

H. T. MEAD,
1230 Hanover Street, Manchester, N. H.

Help Wanted—Experienced and reliable vegetable seed clerk. Must be quick at counter orders and waiting on customers. Apply by letter stating age, salary, references, etc.

J. F. NOLL & Co., 115 Mulberry Street
Newark, N. J.

Help Wanted—Young man, with some experience; must be able to water pot plants; good chance for young man to learn pot plant business; wages, \$15.00 per week to start. steady work for right man; in vicinity of Pittsburgh. Write

P. S. RANDOLPH & SONS,
R. D. 1, Verona, Pa.

For Sale or Rent—Retail flower store on State Street, Chicago in the heart of the shopping district. The business is now running and buyer can take immediate possession. For further particulars.

Key 726, care American Florist.

For Sale—Well established business for sale; 9,000 feet of glass; five acres of good land; well stocked with cut flowers and bedding plants; write for particulars; can take possession at once. Address

Key 730, care American Florist.

For Sale—Good paying retail store for sale at a bargain. Worth \$1500 but will sell for \$700 or \$800 cash. Books open for inspection. Store is in A1 condition and is an unusual buy. This is a splendid opportunity for a young fellow to start in business for himself.

M. B. HIRSCH, "The Willard Florist,"
346 East Fifty-first Street, Chicago.

For Sale—Eight greenhouses, with salesroom attached, four squares from heart of a thriving city of 18,000; no competition; six-room modern dwelling, garage and auto; net profits over \$7,000 per year; will stand any investigation you desire to give; \$5,000 cash, balance, \$15,000, on easy terms; location, Texas. Do not answer if you do not mean business. Address

Key 729, care American Florist.

Carnation Grower

Good carnation grower wanted at once.

Only A1 man that can come well recommended need apply.

ED. MEURET, Park Ridge, Ill.

ROSE GROWER.

Good rose grower wanted at once. Must come well recommended. Apply at

SINER BROS.,
158 N. Wabash Ave., CHICAGO.

Situation Wanted

Experienced seedsman just disengaged wishes to connect with a reliable seed house as manager, or responsible office position, 25 year's experience in all branches, best references. Address

Key 728, care American Florist.

FOR RENT

Suitable floor space on the Chicago Wholesale Cut Flower Market, where the grower can sell his own stock. For further particulars address

Key 732, care American Florist.

FOR SALE.

We have installed a new Buchbinder refrigerator in the Geo. Wittbold Co.'s new retail store on Buckingham Place, Chicago, and will sell the two refrigerators that were in use there at a bargain if taken at once. One is a display box 10x4x10 feet high and the other a storage box 8x10 feet. For further particulars address

BUCHBINDER BROS.,
518 Milwaukee Ave., CHICAGO, ILL.

FOR SALE

A business opportunity for wholesale cut flower growing and also nursery stock of a choice quality, or either one, at San Diego, California. This city has today a population of 90,000, with the surrounding country fast developing. The Panama Canal and the new Arizona R. R., both are strong factors in the substantial growth. The business has long been established and it requires a capital of \$5,000 and it is desirable to purchase 20 acres adjoining for \$6,000. This land is frostless and it all has a glorious view of mountains and sea. Only reliable parties with good references need inquire. Address

MARTIN H. HOLAHAN,
1628 W. Lewis St., San Diego, Calif.
In care of K. O. Sessions.

For Sale Cheap—A Going Business—Four greenhouses, 16 by 40 feet, and one 18 by 40 feet; double sash glass, well built and fresh putted tight; cement foundations and boiler and ckeke pit; six two-inch hot water pipes under each of the ten cypress benches; over 4,000 blooming carnations and a lot of potted plants; 3,000 rooted carnation cuttings; ideal boiler; also 18 tons of coke on hand; one small brick shed in rear, 12 by 16 feet. Very centrally located in Littleton, 2,000 inhabitants, the county seat of Arapahoe county, Colorado; six miles from Denver always a good market; 10-cent carfare; only greenhouses here; sun shines 300 days a year; ideal for weak lungs. The young man who recently operated these houses was drowned a few weeks ago. Houses and lots cost \$5,000.00. All of this for \$750.00 cash, \$750.00 four years at 8 per cent. It sure is a bargain. Immediate possession; warranty deed. Will send photo of houses to a buyer. Address

MRS. ADELAIDE J. CULP, Owner,
Littleton, Colorado.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

NEW EDITION—Issued August, 1916.

TRADE DIRECTORY

Florists, Nurserymen and Seedsmen

OF THE

UNITED STATES AND CANADA.

Price \$3.00, Postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

Milwaukee.

SHORTAGE OF PLANTS FOR CHRISTMAS.

Due to the extreme cold weather and the approaching holidays, the supply of cut flowers the past week was light, and with a good demand prices stiffened considerably by the end of the week. As the supply of plants for the Christmas trade is not up to the usual number, cut flowers will in a good many cases act as substitutes. Hence, we predict that the growers with the goods will have all reasons to be satisfied.

NOTES.

Wm. A. Kennedy and Eugene Oestreich, as delegates of the florists' club, went to Madison, Wis., December 13, to take part in the programme of the Wisconsin State Horticultural Society, which held its annual meeting at the state capitol building. The former read a paper on "Soil," while the latter chose "System" for his topic. The meeting, which extended over a period of four days was well attended and many instructive papers were read and freely discussed. Jos. J. Kolb, the practical grower in charge of the state university greenhouses, after looking us up, is responsible for all we saw during our short stay, and that is what we call brotherly love. He in turn introduced us to Geo. Renschler, of the Renschler Floral Co., who, with the aid of his auto, showed their two greenhouse ranges, plus their retail store. The store, which is in the heart of the city, is strictly up to date in every respect, having an ice machine and cooling room in the basement, while the main floor is taken up by a spacious work and display room, all kept just so. At the greenhouses in the city, where Fred Renschler presides, the bulk of their pot plants and bulbs are grown, while the larger range at Fair Oaks is devoted to cut flowers and spring stock. Of the latter, they grow large quantities, being at the entrance of two cemeteries. In cut flowers they have several houses of carnations, while callas, snapdragons, single violets, poinsettias, chrysanthemums, smilax and plumosus are grown for the store. All the stock looked fine and the houses could not have looked neater.

On December 13 occurred the death of Mrs. John W. Dunlop, aged 87 years, mother of John M. Dunlop, Wauwatosa, Wis. She came to Milwaukee from Sheboygan in 1839 and had lived here ever since; of late with her daughter, Mrs. J. O. Martin. Besides Mrs. Martin and John M., Henry W. and Charles L. Dunlop survive.

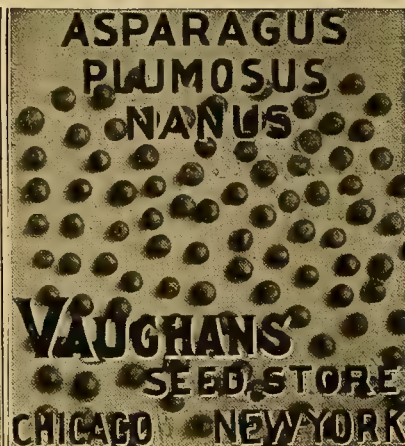
The C. C. Pollworth Co. only has about half as much coal on hand as compared to a year ago; out of a total of 70 cases of azaleas, which arrived a short time ago, they realized about 800 good plants. After being properly adjusted by revenue and express agents, the poor ones were reduced to wood ashes.

The A. F. Kellner Co. reports many advance orders for decorating during the holidays; by advertising they have created quite a demand for porch boxes filled with evergreens of the different varieties, but due to the poor transportation facilities, they cannot always get the stock when they need it.

While at the last writing we reported warm weather accompanied by a thunder shower, which made stock soft, we have since experienced a cold spell, which started December 13, and is still with us, December 17, the thermometer on that date going down to four below.

The most important social event of this week will be the horse show, which will be given December 20 at the Auditorium for the benefit of the Children's Free hospital.

Asparagus Plumosus Nanus

NEW CROP SEED
NORTHERN GREENHOUSE GROWN

Price Per 100 seeds, 50c; 250 seeds, \$1.00; 1000 seeds, \$3.50;
5000 to 10,000 seeds at \$3.00 per 1000.

Prices on larger amounts on application.

CHICAGO

VAUGHAN'S SEED STORE,

NEW YORK

Theo. Boettcher is consigning some exceptionally good mignonette to the Gust Rusch & Co. This firm is looking forward to the best holiday business ever.

Julius Neubeck, who severed his connections with the M. A. McKenney Co., a short time ago, has again assumed his duties there.

The Holton & Hunkel Co. reports advance orders coming in very freely and hopes to take care of all, especially in the cut flower line.

H. Will, of Minneapolis, Minn., was the guest of Fred H. Holton, December 17.

Visitors: Joe Marks, of A. Henderson & Co., and Sam Seligmann, of American Bulb Co., Chicago; Mrs. Mazey, Minneapolis, Minn.; Otto Sylvester, Oconomowoc, Wis. E. O.

Indianapolis, Ind.

PREPARATIONS FOR HEAVY PLANT SALES.

The trade has been making extensive preparations for Christmas. The plant line is to be enlarged upon this year, notwithstanding the fact that good cyclamens and azaleas will be very scarce. However, Lorraine, Cincinnati and Chatelaine begonias, solanums, peppers, crotons, primroses, ferns, poinsettias and Scotch heather will be available and the quality is excellent. Poinsettias especially will be in good supply in both pots and cut blooms. On the latter the price will range from \$1.50 to \$5 per dozen. Roses are not overplentiful and the quality is below standard. The carnation supply will be ample for all requirements, but the price will be lower than that of previous years. A larger supply of sweet peas and violets will be disposed of than last year. The supply of green goods will not be abundant. Prices are at top-notch. General business during the past week has not been good, but the advance orders for the holiday trade have been exceptional.

NOTES.

A. F. J. Baur attended a recent meeting of the St. Louis Florists' Club, where he exhibited his Merry Christmas carnation, which scored 89 points. He announces that the premium list

for the exhibition of the American Carnation Society is ready for distribution. All entries must be in by January 21. All further information may be had by addressing A. F. J. Baur, secretary, Thirty-eighth street and Rockwood avenue, Indianapolis, Ind.

The Circle Flower Store, known to the public as the "indoor garden," has been meeting with success. The blue clouded overhead effect, pergolas and garden seats make it very realistic. Refined and elegant taste in the arrangement have caused it to be made one of the most beautiful stores in the central states.

The monthly meeting of the Indiana State Florists' Association will be held January 9, the place to be announced later. A morning session will be in charge of the local convention committees of the American Carnation Society. The regular business session will begin at 2 p. m.

This city is expecting a large out-of-town attendance at the convention of the American Carnation Society to be held here January 31-February 1. A meeting of the local convention committees was held December 6 and arrangements made for the entertainment of the visitors.

C. H. Bookedis, the Claypool Florist, has returned from Chicago, where he was looking after his holiday requirements. Since his return he has created one of the most beautiful Christmas window decorations in this city.

Robert Glaubke proudly announces the arrival of a baby girl.

Hartje & Elder are cutting some very fine violets. M. E. T.

Portland, Me.

Hans Neilson, proprietor of the Davis Greenhouses at Woodfords, was a recent visitor to several of the ranges at Falmouth and Cumberland recently.

Hiram Dyer, who recently visited the Roland Barrows range in Gorham, spoke very highly of his new Moninger house and service building.

Henry White visited a number of his old friends in Westbrook last week. G. I. S.

"KRISS KRINGLE'S" BEST

Winterson's "Own" Novelty

NATURAL SPRUCE MINIATURE CHRISTMAS TREES

With Round Birchwood Stand

November, 1909, we introduced these beautiful Decorative Spruce Trees to the Trade, and the supply each season has not equaled the demand. They are almost perfect in shape and in various heights of from 15 inches to 42 inches with a spread of 12 inches to 42 inches. The base is firmly attached to a round block of selected white birch about 5 inches in diameter, and they are not only desirable for general decoration, but likewise suited for basket and other artistic work. We have arranged for an increased number for the coming season, but urge early purchase for shipment as wanted.

**OURS IS THE
REAL THING**

PRICE, Trees without Cones (occasionally some of these contain a few cones), each, 25c; doz., \$2.50; per 100, \$15.00.

PRICE, Trees with Cones (supply limited), excellent for Basket Work, etc., doz., \$3.00 to \$6.00, according to quality.

SAMPLE MAILED FOR 50 CENTS.

Chicago headquarters for Fancy Holly, Evergreen Wreathing, Immortelles, Red and Green Frieze and all Christmas Decorative Material—Worth-while Quality.

OUR PRICE LIST IS YOURS FOR THE ASKING. IT WILL SAVE YOU MONEY.

WINTERSON'S SEED STORE,

E. F. WINTERSON CO., Props.

166 N. WABASH AVE.

L. D. Phone, Central 6004

CHICAGO

Cleveland.

SUPPLY MOVES WELL AT FAIR PRICES.

The present week finds us in the midst of real winter, the temperature hovering close to the zero mark, and many shipments of out-of-town stock are received in a partly frozen condition. The supply has not been overplentiful and has moved satisfactorily at fair prices. The opening of the Guardian Bank building last week and that of the Union National bank the week previous cleaned up an enormous amount of stock on the local market, especially long-stemmed American Beauty, Ophelia, Russell and Hoosier Beauty. Other roses are in good supply and the quality is excellent. American Beauty is among the leaders in popularity; some extra good stock is arriving daily and the Christmas crop promises to be excellent. The same may be said of Ophelia, Sunburst, Russell, Hoosier Beauty and the Killarneys. Ward and Mme. Pirrie are also in good supply and are having a good call. The outlook for lily of the valley is not encouraging for a plentiful supply, but there will be orchids to meet all requirements and the same is true of violets. The supply of carnations will be short from all indications, as early ordering is noticed all along the line. There is no uneasiness about Paper Whites and stevia but snapdragon will be among the scarce items. Asparagus plumosus and adiantum will be in good supply. The past two weeks have moved large quantities of Christmas greens, such as boxwood, smilax and holly. There continues to be a good call for winter berries. Business in the supply houses has been gratifying, ruscus, static, crepe paper, mats, Minerva grass, red frieze and other items moving freely and all indications point to big Christmas sales. Advance orders for cut flowers show buyers are purchasing early to be on the safe side. The retailers are advertising extensively as they always do at this time of the year and their offerings in the daily papers cover almost everything seasonable. Nearly every retail store in the downtown district has decorations more or less pretentious and



CARNATION CUTTINGS

IT IS NOT TOO EARLY to order now if you desire December or January delivery
NEW VARIETIES.

COTTAGE MAID: Clear shell pink, sport of Mrs. C. W. Ward, possessing the same wonderful keeping and shipping qualities. **MERRY CHRISTMAS:** Color, intense deep scarlet; large flower, well formed, splendid stem and calyx, splendid keeper. **DORIS:** Color, brilliant maroon; vigorous grower, producing a succession of high grade blooms on long stiff stems; good calyx. **ROSALIA:** A true cerise pink; splendid grower and producer; a good commercial variety in every respect. **OLD GOLD:** Deep yellow with faint pink stripes; the earliest and freest flowering of all yellow varieties; a decided improvement over Yellow Prince. All of the above varieties, \$12.00 per 100; \$100.00 per 1000.

Last year's introductions and standard varieties; prices on application.

S. S. PENNOCK-MEEHAN COMPANY,

The Wholesale Florists of Philadelphia

PHILADELPHIA, 1608-1612 Ludlow St.

NEW YORK, 117 W. 28th St.

BALTIMORE, Franklin and St. Paul Sts.

WASHINGTON, D. C., 1216 H St., N. W.

Mention the American Florist when writing

there has in consequence been a good call for laurel and ground pine wreathing.

Asher M. Coe, of North Olmsted, O., is confined to his bed suffering from an attack of pleuro-pneumonia. Claude Tyler, of the same place, is also on the sick list, a victim of the gripple.

C. F. B.

Fort Wayne, Ind.

SHORT SUPPLY CAUSES HIGH PRICES.

Business during the past week has been very good, with supply and demand about equal. Extremely cold weather and dark days are causing apprehension of a shortage for Christmas sales. Shipping trade has been very brisk, funeral work in good demand and counter sales satisfactory on Christmas goods on the order of ruscus, greens and wreaths. Advance orders for cut flowers for Christmas have been numerous. Many local growers report roses off crop and the carnation supply appears limited, one dealer quoting roses as high as \$40 per 100 and \$12 for carnations. Aza-

leas and poinsettias will be scarce, but there are other plants available in variety, including cyclamens, begonias, hyacinths and narcissi. There will also be many novelties in the way of plant baskets, vases, etc.

NOTES.

W. J. & M. S. Vesey made a special exhibit of their orchid collection during the "open house" at their greenhouses December 17. This collection occupies six houses and includes many handsome varieties, such as dendrobiums, phalaenopsis, vandas, cypripediums, oncidiums and cattleyas. This firm will cut over 3,000 orchids for the Christmas trade.

Miss Rhoda Doswell, of the Doswell Floral Co., whose engagement to Mr. H. J. Wickman, a manufacturer, of St. Louis, is announced, is well known to the trade and her many friends are extending sincere good wishes for a very bright future. The wedding will take place in January.

Visitor: A. W. Herre, representing Poehlmann Bros. Co., Chicago.

H. K.

AMERICAN BEAUTIES AND RUSSELL

Finest Quality In This Market.

CARNATIONS, Extra Fine Quality

At Reasonable Prices. Wire Us Your Orders; We Can Positively Fill Them.

Woodwardia Ferns.

TRY A FEW. They are a California fern, similar to the Eastern ferns, 3 feet long, very graceful. can be used for any occasion, per 100, \$8.00. Also **MAHONIA SPRAYS**, Bronze, per 100, \$8.00.

Orchids, Valley, Easter Lilies, Paper Whites, Roses, Stevia

GET BUSY--Wire Your Order Early, Time Is Short.

Price List--IN EFFECT DECEMBER 26, 1916.

Beauties--Specials	per doz.,	\$12.00	MINIATURE ROSES--		
" 36 to 40 inches	" "	10.00	Geo. Elgar	per 100,	
" 28 to 30 inches	" "	9.00	Cecile Brunner	" "	
" 24 inches	" "	8.00	Baby Doll	" "	
Russells--36 to 40 inches	" "	6.00	Fireclame	" "	6.00 to
" 28 to 30 inches	" "	5.00	CARNATIONS--		
" 24 inches	" "	4.00	Red--Fancy	" "	8.00 to
" 20 to 22 inches	" "	3.00	C. W. Ward	" "	8.00 to
" 18 inches	" "	2.50	Pink and White	" "	6.00 to
" Short	per 100,	\$12.00 to 15.00	Our Selection	" "	
Francis Scott Key--Long	per doz.,	4.00	Split--Our Selection	" "	
" " Medium	" "	2.50 to 3.00	Valley--Fancy	" "	
" " Short	per 100,	12.00	" Medium	" "	6.00 to
Hoosier Beauties--Long	per doz.,	4.00	" Short	" "	
" " Medium	" "	2.00 to 3.00	Paper Whites	" "	3.00 to
" " Short	" "	1.50	Stevia	" "	
Milady--Extra long	per 100,	30.00	Easter Lilies	" "	12.00 to
" Long	" "	25.00	Violets	" "	
" Medium	" "	18.00 to 20.00	Sweet Peas	" "	
" Short	" "	10.00 to 15.00	Snapdragon	per doz.,	1.00 to
Richmonds--Long	" "	20.00 to 25.00	Poinsettias	" "	3.00 to
" Medium	" "	15.00 to 18.00	Smilax	" "	
" Short	" "	8.00 to 12.00	Plumosus	per 100,	
Brilliant { Long	" "	20.00 to 25.00	Sprengeri	" "	
Sunburst { Medium	" "	12.00 to 15.00	Adiantum	" "	
Ophelia { Short	" "	8.00 to 10.00	" Hybridum	" "	
Short Roses--Our selection	" "	6.00 to 8.00	Galax, green and brown	per 1,000,	
White Killarney { Long	" "	20.00 to 25.00	Galax, green and brown	per 100,	
Killarney { Medium	" "	12.00 to 15.00	Leucothoe	" "	
Aaron Wards { Short	" "	8.00 to 10.00	Mexican Ivy	" "	
Cattleyas	per doz.,	10.00	Flat Ferns	per 1,000,	
Cypripedium	" "	3.00 to 4.00	Boxwood, per bunch, 25c	case,	
Phalaenopsis	" "	2.00	Mistletoe	per lb.,	
			" 5 lbs. or over	per lb.,	

POEHLMAN

72-74 E. Randolph St.,



Morgan Goss

MISCELLANEOUS PLANTS.

andanus Veitchii, 4-in. pot,	Each	\$0.35	Crotons, 5-in. pot,	60c to 75c each
" " 6-in. pot,	\$0.75 to	1.00	Asparagus Sprengeri, 3-in. pots, per 100,	\$6.00
" " 7-in. pot,	1.25		4-in. pots, per 100,	10.00
" " 8-in. pot,	2.00		Asparagus Plumosus, 2½-in. pots, per 100,	3.50
ubber Plants, 5-in. pot,	\$0.50 to	.75	Table Ferns, 2½-in. pots, per 100,	3.50
" " 7-in. pot,	\$1.00, \$1.50,	2.00	" " 3-in. pots, per 100,	8.00
			" " 4-in. pots, per 100,	15.00

HEATHER---Limited Supply. Specimens, \$5.00 to \$7.50 Each.

entias Western Kentias

Headquarters

Largest and most complete stock offered in the West, in a healthy, strong and clean condition.

All previous prices quoted on Palms are hereby cancelled.

KENTIA FORSTERIANA SINGLE PLANTS.

Leaves	Each
inch pots 5-6 28 inches high..	\$1.25
inch pots 6-7 32-34 inches high..	1.50
inch pots 6-7 34-36 inches high..	2.00
inch tubs 6-7 40-42 inches high..	3.50
inch tubs 6-7 42-46 inches high..	4.00
inch tubs 6-7 50 inches high..	5.00
inch tubs 6-7 52-56 ins. high hv.	7.00
inch tubs 6-7 60 inches high..	8.00
inch tubs 6-7 60-65 inches high..	12.00
inch tubs 6-7 8 feet high....	40.00
inch tubs 6-7 9-10 feet high....	50.00

KENTIA BELMOREANA SINGLE PLANTS.

Leaves ins. high	Per doz.
4 inch pots 5-6 16-18 45c each....	\$5.00
6 inch pots 5-6 24 each	1.25
6 inch pots 5-6 28 each	1.50
8 inch tubs 5-6 42 each	5.00
Specimen plants, 15 inch tubs,	\$75.00 each.

KENTIA FORSTERIANA MADE UP PLANTS.

Plants	Each
6 inch pots 3 26-28 inches high....	\$2.00
7 inch tubs 3 30-32 inches high....	2.50
8 inch tubs 3 38 inches high....	4.00
8 inch tubs 4 48-50 inches high....	5.00
9 inch tubs 4 52 inches high....	6.00
10 inch tubs 4 54 inches high....	8.00

Plants	Each
12 inch tubs 4 60-64 inches high...	12.00
12 inch tubs 4 66 inches high...	15.00
15 inch tubs 4 6-6½ ft. high, heavy	25.00
15 inch tubs 4 75-80 inches high...	30.00

ARECA LUTESCENS.

Plants	Each
6 inch pots 4 bushy, 24-26 ins. high.	\$1.25

ASPIDISTRAS.

5 inch pots 10-12 leaves green.....	\$1.00
6 inch pots 16-20 leaves green.....	1.50
5 inch pots 10-12 leaves var.....	1.50

DRACAENAS.

Plants	Each
Dracaena Massangeana, 8-in.....	\$2.50
" Terminalis, 4-in.....	\$4.00
" " 5-in.....	5.00

A Nominal Charge is Made for Packing.

J. BROS. CO.

Long Distance Phone, **CHICAGO, ILL.**
Randolph 35.

BEAUTIES-ROSES CARNATIONS

Wonderful Crop. Place Your Late Christmas Orders With Us.

Christmas Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.	
	Per Doz.
60-inch stems	\$10.00
48-inch stems	9.00
36-inch stems	8.00
30-inch stems	7.00
24-inch stems	6.00
20-inch stems	4.00

RICHMOND.	
	Per 100
Extra Special	\$20.00
Select	18.00
Fancy	15.00
Medium	12.00
Good	10.00
Short stems	8.00

MRS. CHAS. RUSSELL.	
	Per 100
Fancy stock	\$15.00 to \$30.00
PINK KILLARNEY, WHITE KILLARNEY, KILLARNEY BRILLIANT, SUNBURST, OPHELIA.	
	Per 100
Extra Special	\$18.00
Select	15.00
Fancy	12.00
Medium	10.00
Good	8.00
Short Stems	6.00

MINIATURE ROSES.	
	Per 100
Baby Doll	\$3.00
Elgar	3.00
ROSES, OUR SELECTION	7.00

CARNATIONS.	
	Per 100
Red, Extra Special	\$8.00
Red, Good	6.00
Light Pink, Extra Special	6.00
Light Pink, Fancy	5.00
Pink, Select	6.00
White, Fancy	5.00

MISCELLANEOUS.	
	Per 100
Valley	\$ 6.00
Lilies	\$12.50 to 15.00
Ferns, per 1,000	2.50
Smilax, per doz. strings	2.00
Adiantum	1.00
Galax (bronze and green), per 1,000	1.25
Asparagus Sprengeri, bunch	.50
Asparagus Plumosus, bunch	.50
Boxwood, per lb.	.25
Other Green Goods Market Rates.	

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

Chicago.

HEAVY EARLY CHRISTMAS DEMAND.

The early Christmas demand for stock is very brisk and exceeds all expectations and makes certain a grand cleanup before the rush is over, as was predicted in last week's market report. The cold wave, which reached this vicinity December 14, when the thermometer registered as low as 2 degrees below zero, affected the supply somewhat, but the bright and warmer weather, which set in the following Sunday, is strengthening the supply for the local demand, but at that there will not be anywhere near enough stock to go around if the weather is at all favorable for the retail trade. Many incoming shipments of flowers, including violets from New York and California, reached here frozen and many complaints have been heard in regard to shipments of plants meeting the same fate, which were sent out during the cold snap. The out-of-town demand for stock is the heaviest in years and represents a large number of wholesale markets, including New York, Boston, St. Louis, Cleveland, Detroit, Kansas City, Milwaukee and other points. Several of the eastern growers have shipped American Beauty roses here this week and the local growers in turn have filled orders from exactly the same territory, which leads one to believe that the eastern supply is not as heavy as was first expected or else the early demand is as good as here and the dealers are obliged to fall back on this market. The demand for American Beauty and Mrs. Chas. Russell roses is brisk and there will be no surplus when the Christmas trade is over. Roses and carnations, particularly red, are having a splendid call and several of the dealers are already refusing orders for

PERCY JONES INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

FREESIAS.

Extra fancy long stemmed stock and the only supply obtainable of such high quality in the Chicago Market. Complete line of all other seasonable cut flowers and greens including the finest boxwood in the world.

same. Stock in general is moving nicely and about the only item that has not moved as quickly as one would expect is lily of the valley, which probably never moved so slow for several months as it did last week. Red winter berries have advanced in price, and while some fairly good stock is being offered, the bulk is far below the quality offered in former years. The plant dealers are completely sold out in all blooming stock and have had to refuse orders all week, consequently the late buyers are ordering more cut flowers, and from present indications, the Christmas trade this year as far as the wholesaler is concerned, promises to be the best and most satisfactory ever. A large shipment of California holly has just arrived and is moving quickly owing to the scarcity of good red winter berries. Boxwood

and other green goods are in heavy demand and at times during the week have been in short supply.

NOTES.

The Chicago Flower Growers' Association is offering a good supply of pussy willows for Christmas in addition to a most complete line of all seasonable cut flowers, including a late crop of Jennie Nonin and Dr. Enguehard chrysanthemums. Trade at this house is very brisk, with a grand cleanup every day.

August Jurgens, 2247 Herndon street, was operated upon for appendicitis at the Alexian Bros. hospital, Friday, December 15. His many friends in the trade will be pleased to read that he passed through the ordeal successfully and is well on the road to recovery.

BIG CROPS**RUSSELL ^A_N^D RICHMOND
FOR CHRISTMAS**

Positively the Largest and Finest Supply of Russell and Richmond roses in the country, in All Grades at the Most Reasonable Prices.

ALSO FINE SUPPLY

American Beauty, Ophelia, Sunburst, My Maryland, Milady, Killarney, White Killarney, Killarney Brilliant.

CARNATIONS

Heaviest supply we ever had for Christmas in Red, White and Pink. Enough for everyone, so order here. Fancy Sweet Peas, Violets, Lilies, Lily of the Valley, Stevia, and complete line of Greens.

Remember, when ordering, that we have the best stock obtainable in the Chicago market at the prices quoted.

Buy Direct From The Grower.

CHRISTMAS PRICE LIST

Subject to Change Without Notice.

AMERICAN BEAUTIES	Per doz.
60-inch stems.....	\$10 00
48-inch stems.....	9 00
36-inch stems.....	8 00
30-inch stems.....	7 00
24-inch stems.....	6 00
20-inch stems.....	\$4 00 to 5 00
MRS. CHAS. RUSSELL	Per 100
Specials	\$30 00 to \$35 00
Select	25 00
Medium	\$15 00 to 20 00
Short	10 00 to 12 00
RICHMOND	Per 100
Specials	\$25 00
Select	\$15 00 to 20 00
Medium	10 00 to 12 00
Shorts	6 00 to 8 00
MILADY	Per 100
Specials	\$25 00
Select	20 00
Medium	\$15 00 to 18 00
Short	8 00 to 12 00

Killarney	Per 100
White Killarney	\$20 00
Killarney Brilliant	Specials
Sunburst	Select
My Maryland	Medium
Ophelia	Short
	6 00 to 8 00
ROSES, OUR SELECTION	Per 100
	\$ 6 00
Carnations, red	8 00
" white and pink.....	6 00
Harrisii .....per doz., \$12 50 to \$15 00	
Valley	6 00
Violets	1 50 to 2 00
Stevia	1 50 to 2 00
Sweet Peas	1 50 to 2 00
Smilax .....per doz. strings	2 00 to 2 50
Adiantum	1 00 to 1 50
Asparagus, per bunch	50c to 75c
Ferns, per 1000	\$2 50
Boxwood .....per bunch, 25c	
Galax, bronze and green, per 1000 , \$1 25	
Leucothoe Sprays	75c to 1 00

2,000,000 Feet of Modern Glass

PETER REINBERG

30 East Randolph St.,

LONG DISTANCE PHONES
CENTRAL 601 and 2846

CHICAGO



A. T. PYFER & CO.

30 E. Randolph Street,

Wholesale Florists
Long Distance Telephone
Central 3373

CHICAGO, ILL.

Peter Reinberg has a splendid supply of roses for his Christmas trade, particularly American Beauty, Mrs. Chas. Russell and Richmond, which are in exceptionally brisk demand. Emil Reichling, superintendent of the greenhouses, is sending the cuts down to the store as fast as his brother, Felix Reichling, can dispose of them. The shipping trade, so far this week, has been extra heavy, and considerable stock was shipped to many far eastern points.

P. L. McKee and Ben Du Pre, of the American Greenhouse Manufacturing Co., made an automobile trip from Fort Dodge, Ia., to this city, December 15, and encountered zero weather all the way. They did not even have an extra tire and the only excess baggage amounted to a dime wrench, which they could have just as well left behind, for the entire trip was made without a single mishap.

The Alpha Floral Co. is going after the Christmas business in good style and has its store decorated most beautifully for the occasion. Several display advertisements in last Sunday's editions of the local dailies should prove to be money well spent, for they appeared early enough to let the public know what it could get and what it would have to pay for all the stock offered.

Percy Jones is handling a large quantity of fancy freesias, which are in brisk demand, and is offering a splendid supply of orchids and all other cut flowers. This firm is distributing a mammoth shipment of boxwood and seems to have enough to go around, notwithstanding the fact that it is scarce in most quarters.

Chas. Siebrecht, of the Siebrecht Floral Co., Winona, Minn., was in the city December 16, buying stock for his Christmas trade. He has a fine lot of cyclamens and azaleas of his own to offer this year, consequently is not worrying over the general shortage of plants.

Erne & Klingel report the early Christmas demand as very brisk with a heavy call for short and medium stemmed roses. Boxwood and winterberries have also had an exceptionally good call.

Joe Marks, with A. Henderson & Co., is back from a trip through the northwest with a book full of orders and a new line of stories.

H. E. Philpott, of Winnipeg, Can.,

HOLLY

\$2.25 PER CASE.

Southern Wild Smilax.....\$2.50 per case

Fadeless Sheet Moss, 100 square feet... 3.50 per bag

Natural Sheet Moss, 100 square feet.... 1.75 per bag

Southern Grey Moss, 25 pounds..... 2.50 per bag

Long Needle Pines, assorted 2 to 4 feet.. 1.25 per doz.

CALDWELL THE WOODSMAN CO.

Evergreen, - - Alabama.

Mention the American Florist when writing

Double Violets

Big supply of the finest stock in the Chicago market;
so send your orders to me. Prices are right.

M. C GUNTERBERG,

158 N. Wabash Ave., Chicago

Mention the American Florist when writing

is giving Pyfer & Olsem, of Wilmette, and A. T. Pyfer & Co., a lift during the Christmas rush.

John W. Fink has made himself a Christmas present of a brand new Ford delivery truck.

Ed. Reynolds is now with the Central Floral Co., 132 North State street.

Arthur Weatherwax is back in the employ of W. J. Smyth.

Frank Scibior is opening a new store at 2004 Armitage avenue.

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572

161 North Wabash Ave. Chicago

BEAUTIES - ORCHIDS - ROSES - CARNATIONS SWEET PEAS-CALIFORNIA HOLLY-GREENS.

Our Christmas Supply This Year Will Be the Largest, Finest and Most Complete Ever.
Remember, You Will Buy Right If You Place Your Christmas Orders With Us.

CHRISTMAS PRICE LIST

AMERICAN BEAUTY	Per doz.
Extra long stems.....	\$10.00
Stems 48 inches.....	9.00
Stems 30 to 36 inches.....	\$ 7.00 to 8.00
Stems 24 inches.....	6.00
Stems 18 to 20 inches.....	4.00 to 5.00
Stems 12 inches.....	2.50 to 3.00
Short Stems.....	100, \$8.00

MRS. CHAS. RUSSELL	Per 100
Special.....	\$30.00 to \$35.00
Select.....	25.00
Medium.....	15.00 to 20.00
Short.....	10.00 to 12.00
Hoosier Beauty, extra special.....	30.00
“ “ special.....	20.00 to 25.00
“ “ select.....	10.00 to 15.00
“ “ short.....	8.00

ROSES	
Richmond, special.....	\$25.00
“ select.....	\$15.00 to 20.00
“ medium.....	10.00 to 12.00
“ short.....	6.00 to 8.00
Milady, special.....	25.00
“ select.....	15.00 to 20.00
“ medium.....	10.00 to 12.00
“ short.....	6.00 to 8.00
Killarney Brilliant, special.....	20.00
“ select.....	15.00 to 18.00
“ medium.....	10.00 to 12.00
“ short.....	6.00 to 8.00
Ophelia, special.....	\$20.00
“ select.....	\$15.00 to 18.00
“ medium.....	10.00 to 12.00
“ short.....	6.00 to 8.00

ROSES—Continued.	Per 100
White Killarney, special.....	20.00
“ “ select.....	15.00 to 18.00
“ “ medium.....	10.00 to 12.00
“ “ short.....	6.00 to 8.00
Killarney, special.....	20.00
“ select.....	15.00 to 18.00
“ medium.....	10.00 to 12.00
“ short.....	6.00 to 8.00
Mrs. Ward, special.....	20.00
“ select.....	15.00 to 18.00
“ medium.....	10.00 to 12.00
“ short.....	6.00 to 8.00
Sunburst, special.....	20.00
“ select.....	15.00 to 18.00
“ medium.....	10.00 to 12.00
“ short.....	6.00 to 8.00
Cecile Brunner.....	2.00 to 4.00
Elgar.....	2.00 to 4.00
Baby Doll.....	2.00 to 4.00

ROSES, OUR SELECTION.....	7.00
Extra special roses billed accordingly.	

CARNATIONS.	Per doz.
Red.....	\$ 8.00 to \$10.00
White or Pink.....	6.00
Our Selection.....	5.00

ORCHIDS.	Per doz.
Cattleyas.....	\$12.00
Vandas, fine large sprays, 25c per flower.	
Dendrobiums and Oncidiums at Market Prices.	

MISCELLANEOUS.	Per 100
Violets.....	\$ 1.50 to \$ 2.00
Valley.....	6.00
Baster Lilies.....	12.50 to 15.00
Stevia.....	1.50 to 2.00
Strawflowers.....per bunch	.25 to .35
Calendulas.....	2.00 to 4.00
Paper Whites.....	3.00 to 4.00
Daisies.....	1.00 to 2.00
Snapdragons.....per bunch	.75
Mignonette.....	6.00 to 8.00
Poinsettias, fancy.....per doz.	2.00 to 4.00
Romans.....	3.00 to 4.00
Callas.....per doz.	2.00
Sweet Peas.....	1.50 to 2.00

GREENS.	
Asp. plumosus.....per string	\$0.50 to \$0.75
Asp. plumosus sprays...bunch	.35 to .50
Sprengeri.....per bunch	.35 to .50
Adiantum.....per 100	.75 to 1.00
Smilax, choice.....per doz.	1.50 to 2.00
Fancy ferns.....per 1,000	2.50
Galax leaves.....per 1,000	1.25
Wild Smilax.....per case	5.00
Boxwood.....	
..per lb., 25c; 50-lb. case...	7.50
Red Winter Berries.....	
.....\$2.00 to \$3.00 per case	
Mexican Ivy.....	.75
Leucothoe Sprays.....	.75
Mistletoe.....per lb.	.25
California Holly, 45c lb.; 10 lbs., \$3.50; 20 lbs., \$6.00.	

Poehlmann Bros. Co. cleaned up completely in plants for Christmas and will do the same in cut flowers for the stock it is offering is of the highest quality possible, especially as far as the American Beauty and Mrs. Chas. Russell roses are concerned. Carnations and all other stock are also in good supply and of splendid quality. The supply department is busy as can be with last-minute orders and reports a splendid holiday demand. Red and green frieze is selling well this week but there is plenty on hand to fill all the late orders that may arrive.

The firm of J. A. Budlong is having its share of the Christmas business with an extra heavy call from out-of-town points. Roses and carnations are seen in large supply at this establishment, particularly Milady, which is in heavy demand.

M. C. Gunterberg has a large quantity of choice violets to offer for Christmas in addition to her regular line of other seasonable stock. She certainly deserves the title of "Violet Queen."

The McKinley Park Florist cut indoor grown asters as late as December 18 and cordially invites anyone that doubts this to visit the greenhouses and inspect the plants.

George Reinberg is so strong on Richmond and Ophelia roses that Manager Northam expects to be able to fill all his orders in full.

Hoerber Bros. are on deck again with a fine crop of roses for Christmas.

HOLLY \$2.25 PER CASE.

Southern Wild Smilax, per case.....	\$2 50
Dyed Sheet Moss, per bag 100 square feet.....	3 50
Natural Sheet Moss, per bag 100 square feet.....	1 75
Long Needle Pines, assorted sizes 2 to 4 feet, per doz.,	1 25
Grey Moss, 25-lb. bags, per bag.....	2 50

E. A. BEAVEN, Evergreen, Ala.

Xmas Decorations

Select Delaware Holly Japanese Frieze
Select Delaware Holly Wreaths
Immortelles Lycopodium Wreathing

Write for Prices. Let us book your order.

ST. LOUIS SEED CO., 411-413 Washington Ave., ST. LOUIS, MO.

Christmas Cut Flowers and Greens

CHRISTMAS PRICE LIST Subject to change without notice.

BEAUTIES	Per dozen
Stems 12-inch to 48-inch.....	\$2.50 to \$10.00
RUSSELLS	Per 100
Short and medium.....	\$10.00 to \$20.00
ALL OTHER ROSES OBTAINABLE IN THE CHICAGO MARKET.	
	Per 100
Short, medium and select.....	\$6.00 to \$12.00
Roses—Our selection	8.00
Extra specials billed accordingly.	
Cecile Brunner	\$2.00 to \$4.00
Elgar	2.00 to 4.00
Baby Doll	2.00 to 4.00

CARNATIONS	Per 100
Red	\$8.00 to \$10.00
White or Pink.....	6.00
MISCELLANEOUS	Per 100
Violets	\$1.50 to \$2.00
Valley	6.00
Easter Lilies	12.50 to 15.00
Stevia	1.50 to 2.00
Strawflowers .....	.50
Yellow Narcissus	6.00
Calendulas	2.00 to 4.00
Paper Whites	3.00 to 4.00
Snappdragons .....	.50 to .75
Mignonette	6.00 to 8.00
Poinsettias, fancy.....	2.00 to 4.00

MISCELLANEOUS—Cont.	Per 100
Romans	3.00 to 4.00
Callas	2.00
Sweet Peas	2.00
GREENS.	
Asp. plumosus sprays.....	\$0.35 to \$0.50
Sprenger .....	.35 to .50
Adiantum	per bunch
Smilax, choice.....	per 100 1.00
Fancy ferns	per doz. 1.50 to 2.00
Galax leaves	per 1,000 3.00
Wild Smilax	per case 1.25
Boxwood	per lb. 5.00
Red Winter Berries.....	per case .25
Mexican Ivy	2.50
Leucothoe Sprays	1.00
	.75

CHRISTMAS SUPPLIES.

Red Ribbons, Red Chiffons, Red Baskets, Red and Green Frieze, Waterproof Crepe Paper, Magnolia Leaves, etc.

O. A. & L. A. TONNER

30 East Randolph Street,

Phone, Central 6284.

CHICAGO, ILL.

Mention the American Florist when writing

The George Wittbold Co. is sending out a beautiful Christmas folder done in colors which is the finest and most appropriate that any firm has ever issued. The cover represents a flower box neatly tied with Christmas string with the firm's trade mark occupying the left hand corner and wording to the right, "What gifts more beautiful than flowers?" The first inside page is devoted to their handsome new conservatories on Buckingham place and if this kind of advertising does not bring results nothing will. It is a credit to their advertising man, who has devoted the last page to a perforated order blank so all that the buyer has to do is to fill it, tear it out and mail it in.

Crosby-Gustus-Eryinger Co. are placing a new revolving plant stand on the market, which is attracting much favorable attention at Weiland & Risch's store, where it is on display. It stands five feet high and is made entirely of steel with the exception of a wooden base, and has three separate revolving platforms which will easily hold about 20 vases of cut flowers or small plants. The manufacturers have applied for a patent and will call their product the Florists' Revolving Display Stand, which, with the present cost of material, can be retailed at \$20 each.

O. J. Friedman had the decoration at the Blackstone hotel for the Mr. and Mrs. H. C. Wacker reception, Friday evening, December 15, given in honor of their daughter, who made her debut into society on that day. The order consisted of a ball room and dining room decoration and the arrangement of flowers sent by their many friends. Seventy-five tables were artistically decorated with pink roses and over 1,000 guests were present. It was one of the largest orders that Friedman has filled for some time and was arranged most artistically and greatly admired by everyone present.

A. L. Vaughan & Co. have received another heavy shipment of California holly, which is moving fast, owing to the scarcity of good winter berries. Orchids, American Beauty roses and all other cut flowers are in large supply here and the early Christmas orders point to a record holiday trade. Mr. Vaughan has been on the sick list for over a week, but is on the job at

SOUTHERN WILD SMILAX

\$2.50 PER CASE.

Holly, standard case.....	\$2 25
Dyed Sheet Moss, per bag 100 square feet.....	3 50
Natural Sheet Moss, per bag 100 square feet.....	1 75
Long Needle Pines, assorted sizes 2 to 4 feet, per doz.,	1 25
Grey Moss, 25-lb. bags, per bag.....	2 50

E. A. BEAVEN, Evergreen, Ala.

Mention the American Florist when writing.

WANTED

Names of retail florists and buyers of cut flowers who wish to keep posted on special bargains in Chicago Market. Send in your name—no charge for this information.

M. C. GUNTERBERG, 158 N. Wabash Ave., Chicago

this writing, where his presence is so greatly needed during the heavy rush.

Wietor Bros. are having a splendid Christmas trade with a heavy demand from out-of-town for all kinds of stock. They are offering a splendid grade of roses, particularly American Beauty and Richmond, which are in large crop with them. Bonfire and Rosette carnations are a leader at this establishment and are selling like hot cakes.

Bassett & Washburn are cutting from the largest crop of carnations they ever had for the holidays and there is no question but what their new variety, Belle Washburn, is the best red on their list. This variety is in heavy demand for the holidays and is bringing the highest market price.

Winterson's seed store is distributing a heavy shipment of miniature Christmas trees which are in excellent demand. Many of the local retail florists are using them to good advantage in basket work, owing to the scarcity of suitable plants, and report that they are taking well with their customers.

Lou Bunt is doing the buying again in the market for the Ernst Wienhoeber Co., after helping the store force get things in shape for Christmas. William Wienhoeber took his place while he helped the boys out at the store.

O. A. & L. A. Tonner are more than pleased with their Christmas trade, which, so far, has exceeded all expectations, and promises to be brisk up to the last minute.

The E. C. Amling Co. expects to be comfortably located in its new quarters about January 8, and will start moving immediately after the holidays.

Chas. Strombach, the landscape gardener, Wilmette, has gone to Florida for the winter, where he plans to land some big fish.

Carl Thomas' many friends are pleased to find him back on the job at the A. L. Randall Co.'s cut flower department.

T. W. Reed, formerly manager of the Waco Floral Co., Waco, Texas, has accepted a position with W. W. Adams.

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue

L. D. Phone Randolph 631

CHICAGO

HEAVY SUPPLY

Roses-Carnations

All the best standard and newer varieties in quantity to meet any demand. Place your late Christmas Orders with us and we will fill them to your entire satisfaction. Seventy-five expert growers producing everything sold in the World's Largest Cut Flower Market consign their stock to us, making it possible for us to fill all orders in full at all times.

Order Here---You Can't Do Better Elsewhere.

Zech & Mann are busy as bees this week filling their Christmas orders and from present indications everything points to the best holiday trade they ever experienced. The out-of-town demand particularly is exceptionally brisk.

The John Kruchten Co. is handling a large quantity of fancy carnations, including quite a number of Aviator, the popular Christmas red.

Robert Windler is cutting from a splendid crop of Milady roses, which are being handled by D. E. Freres.

Visitors: C. A. Boyle, Galien, Mich.; Joseph Hill, Richmond, Ind.; George B. Franks, Champaign; A. R. Barber, Cleveland, O.; George Collins, Grand Rapids, Mich.; E. J. Fancourt, representing the S. S. Pennock-Meehan Co., Philadelphia, Pa.; S. W. Coggan, Battle Creek, Mich.; H. Arnold and B. Cook, with the Bedford Park Floral Co., Inc., Toronto, Ont.; J. H. Bowyer, Winnipeg, Can.; Chas. Siebrecht, Winona, Minn.; H. E. Philpott, Winnipeg, Can.; Henry Kusik, Kansas City, Mo.; Frank X. Gorly, St. Louis, Mo.

Cincinnati.

MARKET CLEANS UP EARLY.

The first of this week found the market rather short on stock. Everything that came in cleaned up readily. There has been some heavy shipping of supplies, boxwood and greens to out-of-town points. Receipts in roses are not as heavy as they were, but the carnation cut is holding up nicely and should give us a fair supply for Christmas. Poinsettias are in excellent crop and are in fine condition. Easter lilies are very plentiful. Lily of the valley, too, is seen in good quantities. Stevia and narcissi are in a fair supply. Other offerings include violets, orchids, sweet peas and callas.

NOTES.

Ed Schumann & Sons, in a recent fire at their establishment, sustained a loss of \$1,000, partly covered by insurance.

C. E. Critchell is getting an excellent cut of poinsettias for Christmas from the Rosebank Co.

P. J. Olinger has a good cut of his new red carnation. Radium, for his holiday business.

Geo. Klotter is sending some excellent double stevia to L. H. Kyrk.

Miss Edith Kyrk has had a busy pre-Christmas season.

MOSSSES

Fadeless Sheet Moss, 100 square ft.,	\$3.50 per bag
Natural Sheet Moss, 100 square ft.,	- 1.75 per bag
Southern Grey Moss, 25 pounds,	- 2.50 per bag
Southern Wild Smilax,	- 2.50 per case
Long Needle Pines, assorted 2 to 4 ft.,	1.50 per doz.
Holly, standard case	- 2.25 per case

Caldwell The Woodsman Co.
Evergreen, Ala.

Visitors: Robert Kift, representing THE AMERICAN FLORIST; E. J. Fancourt, representing the S. S. Pennock-Meehan Co., Philadelphia, Pa. H.

Pittsburgh, Pa.

GENERAL CLEANUP EXPECTED.

The wholesale houses are looking forward to one of the largest years in history, as advance orders are coming in earlier than usual. Most all the orders are shipped and the supply houses are busy sending out odds and ends that some retailers are short of. Boxwood is cleaned up as well as ground pine and sheet moss. The latter is now selling at \$2 and \$2.50 per sack. Mistletoe and winter berries are all sold and perhaps by the end of the week all other material will be cleaned up, which will make one of the largest holiday's flower business this city has ever known. The great question now is, "What about express shipments?" This

is going to be hard to answer. It has been bad enough for the past six months, but what will it be like during the Christmas rush? We all look for shipments to be one day late at least. Flowers should have the preference, but then it is out of the question to ask it during the mad rush. American Beauties did not sell well last week, as they are too high in price and the zero weather shut off business to some extent. In fact, all flowers were slow in selling. Violets were plentiful, but sold well considering other markets. Paper Whites and stevia sell very well. Sweet peas have a large demand and indications are that there will be only a limited supply for Christmas. Yellow daisies are scarce. Good blooming plants are scarce and in demand. This may make the demand for cut flowers greater and perhaps the late buyers will have to pay a slight advance.

G. M.

If You Want Good Stock and Good Treatment

Send Your Orders To

Chicago's Most Up-to-date and best located Wholesale Cut Flower House

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

CUT FLOWERS

Prices
As
Low
As
Others.

 **SHIPPING ORDERS GIVEN CAREFUL ATTENTION.**

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Kansas City, Mo.

EXCEPTIONALLY HEAVY ADVANCE DEMAND.

Indications pointing strongly to one of the best Christmas periods in history is indicated by reports from the trade in this city generally, orders being placed early and the number of patrons far greater than in previous years. Pot plants, as usual, are expected to lead the van, the demand for "gifts that grow" seeming to be gaining year by year, although cut flowers and corsages will continue to hold their place. All local florists have ordered heavy supplies, especially in the plant line, and some fine begonias and poinsettias are to be seen. The blooms of primulas are also exceptionally fine, especially those of obconica and chinensis. Azaleas will be scarce. Solanums and Christmas peppers all look good, but the supply of bougainvilleas is limited. Cyclamens, in the various colors, look to be the best of all. Heather also proves to be gaining in popularity yearly. Plant baskets will also prove a big factor in the holiday sales. The cut flower supply will include the following items at prices about as noted: American Beauty, \$2 to \$12 per dozen; other roses, \$8 to \$35 per 100; carnations, red, \$10 per 100; white and pink, \$5 to \$8; lily of the valley, plentiful at from \$5 to \$8; narcissi, white and yellow, \$4; stevia, \$2 to \$3; Easter lilies, \$12 to \$15; violets, \$1.50; orchids, \$12 per dozen. All green goods are in heavy demand. The one thing that an improvement is looked for in is the weather. The temperature last week has been down to zero, with snow flurries every day. If this state of affairs continues it will be necessary to wrap every package and plant and use utmost care in delivery.

As representative in this section of THE AMERICAN FLORIST, the writer extends to all his best wishes for a two-fold Christmas and New Year's trade.
E. J. B.

Lancaster County Florists' Club.

The annual banquet of the above organization, December 14, was attended by exactly one-half of its list of members. While the caterer was preparing the tables a short business session was held at which the report of the flower show auditing committee, through its chairman, W. B. Girvin, of Leola, was presented showing a surplus of \$176.95 in the club's favor, which was a delightful surprise, considering the many difficulties having had to be met, due to election week. The programme committee reported a carnation meeting for January 18, at which Elmer Weaver of Ronks will give his experiences with a number of

last season's introductions. Exhibits are looked for from introducers of new varieties for 1917. J. D. Barry was elected a member of the club's amateur class, his porch boxes easy qualifying him for admission, having been recognized in an illustrated magazine article. Officers for 1917 were nominated as follows: For president, H. A. Shroyer, Lancaster; vice-president, Elmer Weaver of Ronks, and W. B. Girvin of Leola; secretary, Frank L. Kohr, Lancaster; treasurer, Harry K. Rohrer, Lancaster. An adjournment was then taken to the banquet hall which had been splendidly decorated by Lemon Landis, H. D. Rohrer and B. F. Barr.

The repast which followed, to quote the words of our only visitor, T. J. Nolan, was "a wonder from a quality point of view." Of course we all know he has kissed the Blarney stone, but we also know that one can travel many miles before being served with a better dinner than right here in "Little Old Lancaster." Coffee and cigars, the latter at the expense of H. A. Schroyer as they had been presented to him earlier in the evening as a mark of appreciation for services in the past year, followed. In the course of the dinner President Schroyer presented the Henry F. Michell medals with a neat little speech in each instance. The winners were: Elmer Weaver, for best display of cut flowers and plants combined; B. F. Barr, for best table arrangement at our flower show. W. J. Brinton made a few fitting remarks applicable to the season and the treatment of the holiday trade so as to make permanent customers instead of periodical ones. Billiards, pool, cards and bowling rounded out a most delightful evening, and it was not until a late hour that the members departed for their homes, shedding tears of sympathy for those who were unable to attend.

ALBERT M. HERR.

MOSSSES

Dyed Sheet Moss, per bag 100 square feet.....\$3 50
Natural Sheet Moss, per bag 100 square feet..... 1 75
Grey Moss, 25 lb. bags, per bag..... 2 50
Southern Wild Smilax, per case..... 2 50
Long Needle Pines, assorted sizes 2 to 4 feet, per doz..... 1 25
Holly, standard case..... 2 25

E. A. BEAVEN,

Evergreen, Ala.

RED CYCAS LEAVES.

Sizes.	Pkg. of 10	Per 100
8 to 12 inches.....	\$0.45	\$3.50
12 to 16 inches.....	.60	5.00
16 to 20 inches.....	.75	7.00
20 to 24 inches.....	.95	9.00

(50 Cycas at 100 rate—10 to pkg.)

VELVET POINSETTIAS.

These are made of a perfect shade of "Xmas Red" Velvet of fine quality, long stems with green foliage. A sure seller for the Holiday trade.

Per dozen\$ 1.20
Per gross 13.50

CREPE PAPER AND POT COVERS.

	Per Doz.	Per 100
Waterproof (all colors).....	\$2.60	\$20.00
Pebbled, pleated (all colors).....	2.00	15.00

PINE CONES.

Extra choice quality, with stems and most desirable of all kinds of Xmas decorations.

Price per 100.....only \$2.00

[Get Our List of Other Supplies.]

GEO. H. ANGERMUELLER,

Wholesale Florist

1324 Pine St., St. Louis, Mo.

Mention the American Florist when writing

INDEPENDENCE, Mo.—A broken pipe, which rendered the heating system useless at the range of Eric Frandsen & Co., caused a loss of 3,000 chrysanthemums recently.

KENOSHA, WIS., December 8.—Albert L. Muller, 26 years old, landscape gardener and city planning expert, was probably fatally injured last night when his automobile was struck by a train.

LANCASTER, PA.—The Rose Shop, which was started a year ago by Robert Antes and Charles F. Edgar, has been purchased by the Rosery. The two stores will be combined January 1.

Order Your Supply Now!

Make Your Selection of These Six Special Offers and Let Us Have Your Orders as Early as Possible.—Do it today if Convenient.

Plant Baskets.

No. 1—\$18.00.

12 Plant Baskets for plants ranging in size from 5 to 10-inch pots.

No. 2—\$12.00.

12 Plant Baskets for plants ranging in size from 5 to 10-inch pots.

No. 3—\$8.00.

12 Plant Baskets for plants ranging in size from 5 to 10-inch pots.

Cut Flower Baskets.

No. 1—\$7.50.

25 Baskets for short-stemmed cut flowers.

No. 2—\$15.00.

25 Baskets for medium-stemmed cut flowers.

No. 3—\$19.00.

25 Baskets for long-stemmed cut flowers.

Willow and Reed used exclusively in our Baskets. Prices include liners.

WRITE FOR OUR NEW CATALOGUE.

RAEDLEIN BASKET COMPANY

713 Milwaukee Ave..

CHICAGO

A Merry Christmas and A Happy New Year to Everybody. :: ::

If you have any late Christmas orders that you want filled; send them along, we'll give them immediate attention

ERNE & KLINGEL

Wholesale Florists

30 East Randolph Street,

Long Distance Phone Randolph 6578

CHICAGO, ILL.

St. Louis.

BUSINESS GOOD ON THE AVERAGE.

Although business became somewhat slack toward the middle of last week, the general average could be considered fair, with the cold weather which arrived unexpectedly on Monday. The supply shortened and prices were a trifle higher than usual. American Beauty is scarce but the quality is excellent and they sold at from \$2.50 to \$5 per dozen. Mrs. Charles Russell was also scarce and the quality was disappointing. The demand is good, however, and those that reach the market are disposed of at from \$6 to \$25 per 100. The supply of other roses is good and the demand fair. Carnations are plentiful and the quality is excellent. Some sold as high as \$4 per 100. The supply of violets is short but the quality is better than ever and indications are they will be plentiful for the holidays. Lily of the valley continues high in price and the supply is good. Prices vary from \$4 to \$6 per 100. Callas and Harrisii are plentiful and the demand for same is quite good. The market is fairly supplied with all kinds of greens.

NOTES.

H. G. Berning recently paid a visit to the Gullett & Sons range at Lincoln, Ill. He states that the roses at this establishment show fine condition and the cold weather will hold them in splendid shape for the Christmas trade.

Wm. Bruecker, who conducts a flower shop at 4424 Marcus avenue, fell from a stepladder December 11 and broke three ribs. His condition is still serious but he is improving.

The meeting of the florists' club held December 14 was well attended. The reports of the spring flower show committees were read and all indications point to a grand success.

The wholesalers are booking numerous orders for the holiday season. Stock will be plentiful and all anticipate better business than in any previous year.

At the Windler Wholesale Floral Co.'s establishment very fine violets and sweet peas are seen daily. This firm reports very good business.

The death of Charles J. Blackert, well-known retailer of this city, who died December 9, is recorded elsewhere in this issue.

The force at the W. C. Smith Whole-

sale Floral Co.'s store are busy preparing wreaths in many sizes for the holidays.

Grimm & Gorly had a splendid display of about 50 fountains in their window which attracted much attention.

Andrew Meyer, Jr., a daily visitor to the market, reports fair business.

X. Y. Z.

Tri-City Florists' Club.

The Tri-City Florists' Club met in regular session at the Deere conservatories in Moline with Messrs. Anderson and Sorenson as hosts, the meeting being called to order by President L. Stapp. It was decided to hold a Tri-City flower show in the Masonic hall, Rock Island, November 2-4, 1917.

A well prepared paper on "Pot Plants for Christmas and the Holidays," was read by P. G. Pearson, which was followed by a general discussion. An excellent luncheon was served and a social session was enjoyed. After extending a hearty vote of thanks to the hosts, the session adjourned to meet with L. Stapp, January 12, 1917.

W. G.

ARNOLD BOXES ARE BEST



Leading Retail Florists Everywhere Say So.

Many Chicago florists use no other kind as they have found from experience that Arnold Boxes suit their purpose best and are the most reasonable in price, taking quality into consideration.

Write for samples and prices or better yet order your supply today

A. A. Arnold Paper Box Co., 1302-1308 W. Division St., CHICAGO, - ILLINOIS.

Detroit.

SHORTAGE IN CHRISTMAS SUPPLY FEARED.

Active preparations for the Christmas rush are now on and much anxiety is felt by the retailers because of the apparent shortage of suitable stock to supply what is expected to be an unprecedented demand. This refers to both cut flowers and flowering plants, and even the stock of artificial flowers of the desirable kind is meagre and the prices much advanced over that of a year ago. Indications point to a decided shortage of carnations and local grown poinsettias and only a fair supply of good roses is promised, except perhaps long-stemmed American Beauties. The supply of lily of the valley will be much short of the expected demand. Violets are fine, and probably enough of those will be available to meet the call. Paper White narcissi will be in sufficient supply, but even this item, never very popular for Christmas, will this year be used in great quantities. Lilies will be in fair supply and all of these will be used. In flowering plants, the popular azaleas are, with most growers, a disappointment as to quantity and quality and really good plants of these will be very scarce. Poinsettia plants, so appropriate for the season, are found very short and of indifferent quality, while the available stock of cyclamens will have too few blooms to make them attractive sellers.

NOTES.

The Detroit Flower Pot Co., after a business career of 63 years, closed its factory December 12. In the firm's announcement to the trade they give labor troubles, car and fuel shortage, freight embargoes and city smoke ordinances as their reason for closing down. It is learned, however, that they may resume operations in the near future, if business conditions become normal, but a more advantageous location will be selected. Many florists, here as well as elsewhere, regret the sudden termination of this firm's business, as much inconvenience will follow because of their inability to get their usual supply of pots.

George Davis is building a modern flower store adjoining his greenhouses on Lincoln avenue. The exterior is of stucco finish and the interior will be in white. The store proper is 20x23 feet, with a high ceiling and the arrangements most complete to care for his fast increasing trade.

Gus Knoch, the Woodmere florist, will, with his wife, take a trip to California after the holiday rush, and will remain on the coast till shortly before Easter. Mr. Knoch has been in poor health lately and it is hoped the outing will benefit him.

A. Pochelon entertained a quartet of florists at his home, East Grand boulevard, Saturday evening, December 9. The visitors were: E. J. Fancourt, Philadelphia, Pa.; E. A. Fettes, Robt. Rahaley and Walter Taepke.

Frank Holznagle has purchased seven acres of land on West Maple avenue, Birmingham, Mich., and will probably make this place his future residence.

Fred Pautke, Grosse Pointe Farms, Mich., has sold the entire stock of his new yellow anemone chrysanthemum to J. B. Goetz & Son, Saginaw, Mich.

Visitors: A. Miller, president American Bulb Co., Chicago; Ralph M. Ward, New York; E. J. Fancourt, Philadelphia; Walter E. Cook, Cleveland, O.; S. Dernison, New York; Chas. Frueh, Jr., Saginaw, Mich.; Wm. Roemer, Scarborough, N. Y.

J. F. S.

Nassau County Horticultural Society.

The annual meeting of the above society was held in Pembroke hall, Glen Cove, N. Y., December 13. President James McDonald in the chair, the principal business being the election of officers for the ensuing year, which resulted as follows: James McCarthy, president; James Gladstone, vice-president; Ernest Westlake, secretary; Harry Goodband, corresponding secretary; Ernest J. Brown, treasurer. Executive committee: Robert Jones, Joseph Adler, George Ford, John F. Johnson, Arthur Cook, Archie Frail, F. Watson. For trustees: James McDonald, three years; James Holloway, two years.

The judges for the monthly exhibition were James Bell, Stephen Drombrowski and Thomas Twigg, and the awards were as follows: First to Peter McDonald for fine vase of 25 carnations, mixed; 50 single violets. First to John W. Everitt for vase of chrysanthemums. Honorable mention to Harry Goodband.

Mrs. Payne Whitney was elected an honorary member of the society and three applications for active membership were received. The president presented the silver and glass trophies won at the recent exhibition. Treasurer Ernest Brown read his report showing the society to be in splendid condition financially.

The next meeting will be held January 10, the competition being for 12 freesias, one pot or pan of Primula Malacoides and three poinsettias. The annual dinner will be held January 23, 1917.

HARRY GOODBAND, Cor. Sec'y.

Detroit Bowling.

The florists' club bowlers met at the Michigan Cut Flower Exchange, December 14, and elected captains of four teams, which will practice regularly every Thursday night throughout the winter at the Broadway bowling alleys, 27 Broadway. The captains of the teams are: E. A. Fettes, R. Rahaley, Thos. Browne, Joseph Streit. The initial games rolled the same evening resulted as follows:

E. A. Fettes	146	117	164
A. Sylvester	149	144	153
Edwin Pautke	117	123	124
Henry Forster	141	145	114
Frank Holznagle	120	137	125
Robt. Rahaley	142	114	128
M. Constantine	116	134	111
J. F. Sullivan	118	172	180
Robt. Jean	98	140	121
A. Shields	97	77	111
Thos. Browne	156	169	143
J. K. Stock	159	149	130
Harry Taylor	117	135	155
Adam Bezner	130	122	91
Norman Sullivan	132	141	160
Joseph Streit	140	127	132
John Klang	130	139	99
W. E. Cook	140	184	217
Fred Pautke	153	148	129
Edward Moss	108	157	137

J. F. S.

John Kruchten Co.

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A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.Wholesale Cut Flowers,
Florists' Supplies.

Oklahoma City.

GOOD CHRISTMAS BUSINESS EXPECTED.

Business is good and the outlook is even still more promising for Christmas. Orders are being received in a larger extent than ever before in this city. We have been having bad weather, with temperatures low and several inches of snow. It is but reasonable to expect pleasant weather conditions from now until after the holidays. Cyclamens, Lorraine begonias and red geraniums are evidently going to be the chief attractions among the plants in flower. Azaleas are not developing with any assured degree of success. Of course, there will be the usual supply of bulbous stock to fill in the small trade.

Visitors: Mr. and Mrs. Parker, Fort Scott, Kan.; E. L. Griggs, Shawnee; O. O. Boston, Tulsa. S. S. B.

Southern Wild Smilax

\$2.50 Per Case.

Holly, standard case.....\$2 25 per case
 Fadeless Sheet Moss, 100 square feet..... 3 50 per bag
 Natural Sheet Moss, 100 square feet 1 75 per bag
 Southern Grey Moss, 25 pounds..... 2 50 per bag
 Long Needle Pines, assorted 2 to 4 feet..... 1 25 per doz.

Caldwell The Woodsman Co., Evergreen, Ala.

Wholesale Flower Markets

Chicago.		Per doz.
CHRISTMAS PRICE LIST.		
Roses, Beauty, specials.....		\$12 00
" " 36-in.....		10 00
" " 30-in.....		8 00
" " 24-in.....		7 00
" " 20-in.....		6 00
" " 18-in.....		\$4 00@5 00
" " short.....per 100.		8 00@10 00
" Mrs. Chas. Russell.....		2 00@6 00
" ".....per doz.,		Per 100
" Hoosier Beauty.....	10 00@40 00	
" Killarney Brilliant.....	6 00@20 00	
" Killarney.....	6 00@20 00	
" White Killarney.....	6 00@20 00	
" Richmond.....	6 00@25 00	
" Prince de Bulgarie.....	6 00@20 00	
" Rhea Reid.....	6 00@25 00	
" My Maryland.....	6 00@20 00	
" Mrs. Geo. Sawyer.....	6 00@25 00	
" Milady.....	6 00@20 00	
" Sunburst.....	6 00@20 00	
" Mrs. Aaron Ward.....	6 00@18 00	
" Hadley.....	4 00@25 00	
" Ophelia.....	6 00@20 00	
" Double White Killarney.....	6 00@20 00	
" Mrs. Moorfield Storey.....	6 00@20 00	
" Champ Weiland.....	6 00@20 00	
" Stanley.....	6 00@20 00	
" Tipperary.....	6 00@20 00	
" Francis Scott Key.....	6 00@20 00	
" Bayard Thayer.....	6 00@20 00	
" Cecile Brunner.....	2 00@4 00	
" George Elgar.....	2 00@4 00	
" Baby Doll.....	2 00@4 00	
" Fireflame.....	4 00@6 00	
" Our selection.....	7 00	
Carnations.....	5 00@10 00	
Cattleyas.....per doz.,	75 00@12 00	
Vandas.....	25c per bloom.	
Freeias.....	5 00@6 00	
Gardenias.....\$4 00@5 00 per doz.		
Sweet Peas.....	2 50@3 00	
Daisies.....	1 00@2 00	
Calendulas.....	2 00@4 00	
Snappdragons.....	50c@\$1 00 per doz.	
Violets.....	2 00	
Lilium Harrisii.....	12 50@15 00	
Valley.....	6 00@8 00	
Adiantum Croweanum.....	1 00@1 50	
Stevia.....per 100	1 50@2 00	
Paper Whites.....per 100	3 00@4 00	
Ferns.....per 1000,	2 50@3 00	
Galax.....	1 00@1 25	
Leucothoe.....	75	
Mexican Ivy.....per 1000,	5 00@6 00	
Plumosa Strings.....each,	60c@75	
Smilax.....per doz.,	2 00	
Sprengeri, Plumosa Sprays.....	3 00@4 00	
Boxwood. 25lb., per case.....	8 00	
Wild Smilax.....per case,	\$6 00	

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

Mention the American Florist when writing

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HOERBER BROS.

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Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave.,

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Beauties-White Lilac-Gardenias

Three items we will be [very strong on for some time.
When in the market let us show you what we can offer you.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

STRONGER MARKET AND AMPLE SUPPLY.

A decided improvement in wholesale conditions is evident at the present time. There is ample stock to meet all requirements, no indication of a surplus is seen and a firm market may be relied upon from now until after the holidays. Roses are in good supply, and although the prices are not up to those of two weeks ago, this condition must be expected a week before Christmas, but all indications are for a banner holiday business. Carnations are in good supply in all varieties, with prices satisfactory, and little likelihood of their going lower at present, the range being from \$3 to \$6 per 100, the latter price being for fancy, with an average of \$4 to \$5. Orchids are not very plentiful and good flowers are disposed of at from 50 cents to 75 cents each. Sweet peas are improving, both in quality and quantity, especially the Spencer varieties, and are meeting with a fair sale at prices varying from \$1 to \$2 per 100 sprays. While the supply of gardenias is good there is only a fair call for them. Lily of the valley is in good supply and prices are satisfactory. Lilies are arriving in moderate quantities and move well. Chrysanthemums are fast passing, although some blooms of excellent quality are still to be seen in small lots. Violets are increasing in supply, doubles being offered at 50 cents and 75 cents per 100. Paper Whites move freely at \$2 per 100 and stevia is not overlooked in the orders. In miscellaneous flowers there are good receipts of antirrhinums, bouvardias, callas, calendulas, yellow daisies and mignonette, all of which meet with good call. The green supply is ample and the demand steady. There is a scarcity of blooming plants.

Alvin R. Jones, of the S. S. Pen-nock-Meehan Co., who has returned from a trip through Pennsylvania and New York state, reports conditions point to a successful holiday trade. He found, however, a shortage of blooming plants of good quality. Clarence W. Liggett had on his desk a fine bouquet of the new carnation, Merry Christmas, which this firm is introducing.

Fred J. Michell, of Henry F. Michell Co., Inc., reports a good call for holly, laurel, mistletoe, lycopodium and many other holiday stocks, of which this firm makes a specialty.

Harry Faust, of Merion, is having a brisk demand for all kinds of Christmas plants, especially poinsettias and cyclamens, these being a specialty with him.

Carl Cortis, of the Jos. Heacock Co., reports good business and says they will have a fine lot of Killarney roses for the holiday trade.

Robert Shock, of the M. Rice Co., says business with this firm was never better.

Commodore Westcott celebrated another birthday anniversary December 16.

Visitors: T. M. Dunbar, Alexandria, Va.; Mrs. L. H. D. Moore, Lancaster, Pa.; Chas. Vorkeller, South Bethlehem, Pa.; G. Bauman, Wilkes-Barre, Pa.; D. B. Edwards, Atlantic City, N. J.
F. C.

BEAUTIES-RUSSELL AND OPHELIA ROSES VALLEY AND VIOLETS

and all other flowers in season. Ferns, Galax,
Magnolia Leaves, Asparagus, Adiantum, Etc.

H. G. BERNING,

WHOLESALE FLORIST

1402 PINE STREET,

ST. LOUIS, MO.

EDWARD REID

American Beauties, Orchids, Valley.

High Grade Roses and Carnations.

This is the exclusive shop, only one block from Express Depots.

1619-1621 Ranstead Street,

PHILADELPHIA, PA.

Wholesale Flower Markets

BUFFALO, Dec. 20.		Per 100
Beauty Special.....		75 00
" Fancy.....	.50	00@20 00
" Extra.....	.40	00@20 00
" 1st.....	.20	00@20 00
" 2d.....	.80	00@15 00
C Roses, Killarney.....		6 00@20 00
" My Maryland.....		10 00@20 00
" Sunburst.....		2 00@20 00
" Ward.....		6 00@15 00
" Ophelia.....		10 30@20 00
" Russell.....		15 00@30 00
" Stanley.....		10 00@20 00
" Mock.....		6 00@15 00
" Shawyer.....		10 00@20 00
Lily of the Valley.....		6 00@ 8 00
Lilies.....		10 00@20 00
Cattleyas.....		75 00@85 00
Carnations.....		8 00@12 00
Violets.....		1 00@ 1 25
Asparagus Sprengeri...	35@	50
Ferns.....	per 1000,	2 50
Smilax.....		15 00@20 00
Stevia.....		1 00@ 1 50

CINCINNATI, Dec. 20.		Per 100
American Beauty, per doz...	1 00@	12 00
Roses, Killarney.....		4 00@15 00
" Mrs. Chas. Russell.....		8 00@25 00
" Ophelia.....		8 00@20 00
" Richmond.....		6 00@20 00
" Sunburst.....		4 00@12 00
Carnations.....		6 00@10 00
Lilium Giganteum.....		10 00@12 50
Lily of the Valley.....		6 00@ 7 00
Orchids.....		9 00@12 00
Narcissus.....		3 10@ 4 00
Violets.....		1 50@ 2 00
Stevia per bunch.....	25@	35

BOSTON, Dec. 20.		Per 100
Roses Beauty.....	20 00@	60 00
" Killarney Queen.....	4 00@	12 00
" White and Pink Killarney.....	4 00@	12 00
" Double White Killarney.....	4 00@	12 00
" Killarney Brilliant.....	6 00@	16 00
" Hadley.....	6 00@	16 00
" Cardinal.....	4 00@	16 00
" Mock.....	8 00@	16 00
" Mrs. Chas. Russell.....	8 00@	16 00
" Sunburst.....	8 00@	16 00
" Taft.....	4 00@	6 00
" Milady.....	4 00@	8 00
" Ward and Hillingdon.....	4 00@	8 00
" My Maryland.....	50@	5 00
Cattleyas.....	60 00@	75 00
Lily of the Valley.....	5 00@	8 00
Sweet Peas.....	50@	1 00
Carnations.....	1 50@	5 00
Paper White.....	2 50@	3 00

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

262B DEVONSHIRE STREET,
BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 a. m.

Mention the American Florist when writing.

BERGER BROS.

Central Market

ROSES, ORCHIDS, VALLEY

High Grade Carnations

Always high grade Easter Lilies

1225 Race St.,

Philadelphia, Pa.

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., Milwaukee, Wis.

Wholesalers and Growers of
**Choice Cut Flowers
and Greens**

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower ship-
pers in MINNEAPOLIS. Let us sup-
ply your wants. If it is on the mar-
ket we can furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

Mention the American Florist when writing.

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
in Kansas City. If on the market, we
have it. Get our prices and we will fill
your orders. Satisfaction guaranteed.

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GUST. RUSCH & CO.



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Milwaukee St., Milwaukee, Wis.

Fancy Ferns

Special Picked. Leave Your
Regular Orders with Us.

Lily of the Valley and Orchids, Chrysanthemums, Lilies,
Fancy Roses and Carnations.

FLORISTS' SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist.
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Dec. 20.		Per 100
Roses, Beauty, special.....	25 00	30 00
" " fancy.....	16 00	20 00
" " extra.....	12 00	15 00
" " shorter grades.....	6 00	10 00
" Mrs. Chas. Russell.....	3 30	15 00
" Prima Donna.....	3 00	15 00
" Killarney.....	2 00	6 00
" White Killarney.....	2 00	6 00
" Liberty.....	2 00	6 00
" Hadley.....	4 00	12 00
" Sunburst.....	3 00	6 00
" Ophelia.....	3 00	8 00
" Hoosier Beauty.....	4 00	6 00
Carnations.....	1 00	2 00
Cattleyas.....each, \$0.40 @	50	
Lilium Longiflorum.....	8 00	10 00
Valley.....	4 00	6 00
Calendulas.....	2 00	4 00
Daisies, yellow.....	1 00	3 00
" white.....	1 00	3 00
Violets, single.....	50	75
" double.....	50	75

PITTSBURGH, Dec. 20.		Per 100
Roses, Beauty, special.....	65	00
" " fancy.....	50	00
" " extra.....	35	00
" " No. 1.....	25	00
" Killarney.....	4 30	15 00
" My Maryland.....	4 00	15 00
" Sunburst.....	4 00	15 00
" Mrs. Aaron Ward.....	4 00	15 00
Cattleyas.....	75	00
Lilium Giganteum.....	12	00
Carnations.....	4	00
Lily of the Valley.....	6	00
Snapdragons.....	5	00
Paper Whites.....	4	00
Violets.....	1	00
Adiantum.....	1	25
Stevia.....	2	00

MILWAUKEE, Dec. 20.		Per 100
Roses, Killarney and W. Killarney	8 00	20 00
" Ward.....	10 00	25 00
" Mrs. Chas. Russell.....	20 00	50 00
" Ophelia.....	10 00	25 00
" Hoosier Beauty.....	15 00	35 00
Lilies.....per doz., 2 00		
Cattleyas.....per doz., 12 00		
Carnations.....	6 00	8 00
Rubrum.....	4	00
Valley.....	5 00	6 00
Violets.....	2	50
Bouvardia.....	75	1 00
Stevia.....	1	50

ST. LOUIS, Dec. 20.		Per 100
Beauty, Special.....	5 00	per doz.
" Fancy.....	4 00	"
" Extra.....	3 00	"
" No 1.....	2 00	"
" No 2.....	1 50	"
" Short.....		8 00
Hadley.....	4 00	8 00
Killarney.....	3 00	6 00
Hoosier Beauty.....	4 00	8 00
Richmond.....	4 00	8 00
Sunburst.....	3 00	8 00
Ward.....	2 00	5 00
Mrs. Shawyer.....	6 00	15 00
Mrs. Russell.....	6 00	15 00
Ophelia.....	3 00	8 00
Carnations.....	2 00	3 00
Valley.....	4 00	6 00
Lilies.....		10 00
Orchids.....	50 00	60 00
Ferns.....per 1000.	2 00	

DAVID WELCH

EDWARD J. WELCH

WELCH'S WHOLESALE AND COMMISSION FLORISTS

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280 and 282 Devonshire St.,
BOSTON, MASS.

Consignments of Beauties, Lilies of the Valley,
Orchids and all other flowers received daily.

Telephone—Court Hill 2964, 2965.

Philadelphia Wholesale Florists' Exchange

High Grade Roses, Violets, Gardenias and Orchids
and other Seasonable Flowers.

Up-to-the-Minute Service. Satisfaction Guaranteed.

A good opening for a few more growers of cut flowers.

1615 Ranstead St., Philadelphia, Pa.

ST. LOUIS, Dec. 20.		Per 100
Beauty, Special.....	5 00	per doz.
" Fancy.....	4 00	"
" Extra.....	3 00	"
" No 1.....	2 00	"
" No 2.....	1 50	"
" Short.....		8 00
Hadley.....	4 00	8 00
Killarney.....	3 00	6 00
Hoosier Beauty.....	4 00	8 00
Richmond.....	4 00	8 00
Sunburst.....	3 00	8 00
Ward.....	2 00	5 00
Mrs. Shawyer.....	6 00	15 00
Mrs. Russell.....	6 00	15 00
Ophelia.....	3 00	8 00
Carnations.....	2 00	3 00
Valley.....	4 00	6 00
Lilies.....		10 00
Orchids.....	50 00	60 00
Ferns.....per 1000.	2 00	

New York.

SUPPLY AND DEMAND BOTH LIGHT.

"Along about this time," said an old stager, early in the past week, "they begin to save their money for Christmas," and he seems to have been more than half right. It was a quiet week in the wholesale district; the supply of stock was light—and so was the demand. Though business was not heavy, prices on roses and carnations advanced. By the middle of the week, the best carnations were selling at from \$6 to \$8 per 100. While we have quoted special American Beauties at 50 to 60 cents each, there were sales as high as 75 cents. There may have been sales as low as 50 cents, but not first class stock. More Ophelias reach this market than any other variety of tea roses, and specials brought 15 and 20 cents. Short roses, in demand for funeral work, were scarce and prices advanced. There were not many specials of the variety, Mrs. Aaron Ward, on the market, but No. 1's brought 8 cents, and 10 cents was asked on the morning of December 15. Briefly stated, as will be seen in our quotations, all roses brought high prices. The demand for both orchids and gardenias was light and prices were weak. Lilies and lily of the valley are firm; lilies 10 and 12 cents, lily of the valley four to six cents. A very moderate demand for violets. We are hearing the same line of conversation that we have heard at this season for years; that is, that flowers will be scarce for Christmas, but in the past the scarcity seldom materialized. It is but reasonable to suppose that they will be high, but this market draws on such a wide territory that a serious scarcity, while possible, is not probable. The weather throughout the fall was generally favorable to stock. Eight inches of snow fell, December 15, but the forecast is now for clearing weather. A succession of snowstorms from now to Christmas would, it must be admitted, cut down the supply of stock.

December 18.—The heavy snowstorm December 15, with a drop in temperature and strong winds that followed, have again shortened the supply of stock, which previously was none too plentiful. On December 17, the best red and white carnations sold at the rate of \$8 per 100. Ten dollars was asked, and in some instances paid for the variety Mrs. Ward. On the question of raising prices to a high figure at this time, there is a difference of opinion among the wholesalers. Several have told us that they are satisfied with \$8 per 100—that it is a good price and satisfies their growers—and that they do not propose to drive away their customers by excessive demands. Abnormally high prices in any commodity are based on two suppositions: (1) that there is a scarcity; (2) that the buyer must have the goods. In foodstuffs this generally works, but as a grower recently remarked: "They can't eat flowers." While the supply of plants is not heavy, it will be a big factor at Christmas. The retailers must have some cut flowers, but the indications are that with excessive prices, they will push plants and buy as few cut flowers as possible. There is no marked activity in the market this morning, but the supply is light and roses and carnations are being held at high figures as will be noted in our quotations. In some instances, \$5 per dozen is being asked for the best chrysanthemums, but \$4 is the selling price; 15 cents per flower is being asked for lilies, but good stock can be bought for 12 cents.

NOTES.

At Fifth avenue and 42nd street, near the "Isle of Safety," you will find

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York.

Peter F. McKenney. To be explicit, the "Isle of Safety" is in the middle of Fifth avenue and is there to prevent people from being killed and maimed by automobiles. That corner is constantly jammed with both vehicles and pedestrians; more people passing there in a day than any other point in the city. Brother McKenney is a fine designer and decorator, and not only has a good counter trade, but also has many dinner and wedding decorations.

Now that G. E. M. Stumpp, a leading retailer, has been elected president of the New York Florists' Club, it is hoped that many other retailers will join the club and help to make it more fraternal, and we believe that they will. At the last meeting Marshall Clarke and Alfred Van Praag, both prominent in the trade, were proposed for membership.

One of our Sunday papers runs a column entitled: "Are Women People?" Answering for the florist business of this city, we can most emphatically state that they are. A long list of women who are active, we might say invaluable in the florist business in this city, might be given.

At the range of the Knight & Struck Co., Flushing, we recently found Manager Darlington and a large force of assistants very busy in packing and shipping ericas, of which they have an exceptionally fine stock. Fine acacias and various other plants were also noticed at this range.

The finest collection of poinsettias in 10 and 12-inch pans that we noticed were at William Kessler's, 113 West 28th street. The plants were about two feet high with six to eight fine flowers. There was an excellent combination of Asparagus plumosus nanus.

J. W. Hauser, 571 Madison avenue, had a fine wedding decoration, December 16, including both the church and the home. In point of service, though not in years, he is one of the oldest florists in this city and has a line of good customers.

The first white lilac we have noticed was at William P. Ford's, 107 West 28th street, the past week; also, iris. In Hadley roses, he is handling stock that is better than many of the American Beauties that reach this market.

At the store of I. H. Eisenberg, 916 Sixth avenue, we have recently noticed a large stock of Christmas plants. Walter Klein, a well-known designer and decorator, is now foreman at this store.

Otto Muller, a plantsman of White-stone, erected during the summer, five houses, each 25x100 feet. He has a good stock of ferns and palms, which he grows from seed; also, a variety of other plants.

Mrs. A. Schumann, 336 Bleecker street, who opened a store there a year ago, is doing a good business. She had many years of experience as a retailer in another part of the city.

Under the name, "Royal Florist," Chacalos & Hallas, now have a store at 1092 St. John's place and another on Nostrand avenue, Brooklyn.

P. S. Schott, of Flushing, is cutting fine Paper White narcissus, and has



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—We are—

Wholesale Florists

Have twenty-two years' experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

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64 West 26th St., NEW YORK
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20 years experience
Consignments Solicited and Prompt RETURNS GUARANTEED.

M. C. Ford

121 WEST 28th STREET
NEW YORK

Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers.
A complete assortment of the best in the market can always be relied upon.

also an immense stock of Golden Spurs and other yellows coming on.

H. Spitz, 1798 Pittsin avenue, in the section of Brooklyn called East New York, has an attractive store and a good business.

Ralph Armstrong, the retailer of Madison avenue and 47th street, has just put on a fine Ford car for delivery.

Joseph Bechamps, of Flushing, is a carnation grower and is cutting good stock of the pink variety, Sagamore.

Clarence Slinn, 123 West 28th street, is handling a good supply and fine quality of violets.

Visitors: Patrick Welch, Wm. R. Nicholson, Boston; Louis J. Reuter, Westerley, R. I.; E. Allan Peirce, Waltham, Mass.; Frank Myers, Philadelphia, Pa.

A. F. F.

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55-57 W. 26th Street
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 Telephone:
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 Successors to Badgley, Riedel & Meyer.
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All the NEW ROSES, CARNATIONS and Seasonable Flowers.

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WHOLESALE FLORISTS
The Right People to Deal With.
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Mention the American Florist when writing.

Wholesale Flower Markets

NEW YORK, Dec. 20		Per 100
Roses, Beauty, special	60	00@75 00
" extra and fancy	40	00@50 00
" No 1 and No 2	20	00@25 00
" Prima Donna	4	00@25 00
" Alice Stanley	5	00@21 00
" Francis Scott Key	6	00@40 00
" Mrs Geo. Shawyer	5	00@15 00
" Double White Killarney	5	00@15 00
" Killarney, Special	5	00@15 00
" No 1 and No 2	4	00@6 00
" Queen	5	00@15 00
" Brilliant	5	00@15 00
" Aaron Ward	6	00@20 00
" Richmond	5	00@20 00
" Sunburst	5	00@20 00
" J L Mock	5	00@25 00
" Ophelia	5	00@23 00
" Mrs. Chas. Russell	5	00@20 00
" Cleveland	5	00@15 00
" Hadley	6	00@60 00
" Hoosier Beauty	5	00@20 00
Cattleya Orchids, special	each	75
inferior grades	25@	50
Bouvardia	3	00@6 00
Rubrum	8	00@10 00
Lilies, Longiflorum and Harrisii	12	00
Lily of the Valley	4	00@6 00
Carnations	8	00@10 00
Carnations inferior grade	4	00@6 00
Mignonnette	per doz	75@ 1 00
Poinsettias	per doz	3 00@ 4 00
White Lilac	per bunch	1 50
Chrysanthemums	per doz	1 50@ 4 00
Gardenias	per doz	1 00@ 4 00
Sweet Peas	per doz	1 50@ 2 00
Snappdragons	per doz	8 00@10 00
Violets	per doz	50@ 1 00
Paper White Narcissus	per doz	1 60@ 2 65
Adiantum Croweanum and		
Hybridum	per doz	75@ 1 00
Asparagus Plumosus	per doz. bchs.	2 50@ 3 00
Smilax	per doz. strings	1 00

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
 Telephones: Farragut { 4422
 { 4423

HOUSE OF FERNS
 Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.

Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Farragut.
Orchids, Roses, Carnations and all the other best products of the leading growers.
Consignments solicited.

W M. KESSLER,
 Successor to Kessler Bros.
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CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N.Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.
 Desirable well space to rent for advertising.

V. S. DORVAL, Secretary.

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FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
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24-30 Stone St., Rochester, N.Y.

Nippon Garden, Inc.
 Successors to Satow & Suzuki
259 Fifth Avenue, NEW YORK
 Greenhouses: Woodside, L. I.
 Telephone: Madison Square 8950.
 We are headquarters for Japanese Miniature
 Gardens. Fern Dishes, Vases, Flower Pots, Jar-
 dinieres and Dwarf Plants. A great stock of
 Fern Monkeys and Fern Balls.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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For Delivery in Chicago and Immediate Vicinity to Us.**

We are splendidly situated to handle such orders, for we carry a fine, large and complete stock at all times, and are so centrally located and so well equipped that we can give better service than any other concern in the city. Make it a point to see that your next telegraph, mail or telephone order for Chicago goes where it will be given the best possible attention, and that is to the

ALPHA FLORAL CO.

RETAIL FLORISTS

146 South Wabash Avenue, CHICAGO

— TRY —

Hession

Madison Ave. and 76th St.,
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For **"QUALITY"** Flowers

Over forty years, doing one thing better and better each year, guarantees your order being attended to promptly and efficiently. Two greenhouses attached.

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 { 420 }
 { 775 }

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Julius Baer

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FLORISTS

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HANFT BROS.

NEW YORK.

— Established 1848 —

Madison Ave., at 62nd St.

PHONE PLAZA 428.

Tacoma, Wash.

BEST TRADE IN MANY YEARS.

The 1916 Thanksgiving trade was the best that the florists of this city have experienced in many years, more flowers being sold than ever before. Prices held to about the usual average, both retail and wholesale, and there was a fine supply of stock—never before was there such an abundance of fine blooms, especially chrysanthemums. Roses came nearer selling out than anything else, yet there were some left over. Since they have been coming in from local growers the quality is more satisfactory and prices are a little lower. Very little bulbous stock was seen on the market, but at that, the demand was not strong enough to dispose of what there was. Some excellent violets were received from San Francisco, but the call for them was not as good as usual. The general demand seemed to be for a few roses, or a choice chrysanthemum bloom, worn as a corsage. One of the leading stores had a fine lot of pot poinsettias which sold very well. Quite a good sized supply of cyclamens and other blooming plants sold readily at good prices. Taken as a whole, sales will probably total 15 per cent or more higher than in any previous year.

S. L. H.

DANKER

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Miami Floral Co.,
Orders promptly filled.

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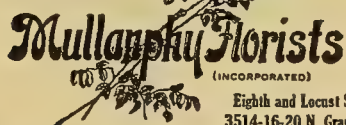
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Flowers or Design Work.
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Canada's best known and most reliable florist
Only the Best **Dunlop's**
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We deliver anywhere in Canada and guarantee
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For Rhode Island and Connecticut
STORES

New London, Conn., Norwich, Conn. and
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Telephone 2065-2066 Madison Square.
42 West 28th Street,

To out-of-town florists:
We are in the Heart of **NEW YORK**
And give special attention to steamer and theater
orders. Prompt delivery and best
stock in the market.

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Bangor, Me.

Adam Sekenger

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No. 32 NEWBURY STREET

We cover all points in Maine.

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The Park Floral Co.

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Successor to Sievers & Boland
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H. B. WHITTED, Prop.

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delivery in the Twin Cities or the
Northwest.

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TELEGRAPH ORDERS forwarded
to any part of the United States,
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trusted by the trade to our selection
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Reference or Cash must accompany all orders
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Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

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We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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SEATTLE, WASH. HOLLYWOOD GARDENS

Seattle's Leading Flower Shop

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Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

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Alfred Lozier Rosery, Des Moines, Ia.
Alpha Floral Co., Chicago.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baer, Julius, Cincinnati, O.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Sons, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Briggs Floral Co., Chicago.
Brooklyn Cut Flower Market, Brooklyn, N. Y.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Callahan, M. J., Philadelphia, Pa.
Central Floral Co., Chicago, Ill.
Central Floral Co., Detroit, Mich.
Clarke's Sons, David, New York.
Comley, Henry R., 6 Park St., Boston, Mass.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Dard's, 44th and Madison Ave., New York.
Danker, Albany, N. Y.
Domunion Floral Co., The, Montreal, Quebec.
Drakos & Co., 2953 Broadway, New York.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 8 and 10 W. Adelaide St., Toronto.
Eyes, 106 State St., Albany, N. Y.
Evenden Bros., Williamsport, Pa.
Foster, Fred, St. Louis, Mo.
Fox, J. M., & Son, Inc., Milwaukee, Wis.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Gasser, J. M., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Grimm & Gorly, St. Louis, Mo.
Gude Bros., Washington, D. C.
Hardesty & Co., Cincinnati, O.
Hart, Henry, Inc., New York.
Hatcher, John C., Schenectady, N. Y.
Heinl & Sons, J. G., Terre Haute, Ind.
Hencle, Miles S., Syracuse, N. Y.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Higgins, N. F., Springfield, Mass.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Howard & Smith, Los Angeles, Calif.
Huscroft's Flower Shop, Steubenville, O.
Johnston & Co., T. J., Providence, R. I.
Joseph's, 233-235 Grant Ave., San Francisco.
Joy Floral Co., Nashville, Tenn.
Keller Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
Kottmiller, New York.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia, Pa.
Mangel, Chicago.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
McMurray, D. M., Pueblo, Colo.
Metairie Ridge Nursery Co., New Orleans, La.
Miami Floral Co., Miami, Fla.
Mullanphy Florists, St. Louis, Mo.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Sons, Buffalo.
Park Floral Co., The, Denver, Colo.
Pearson, E. W., Newburyport, Mass.
Penn, The Florist, Boston, Mass.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Potter Floral Co., El Paso, Tex.
Pyfer & Oisem, Wilmette, Ill.
Randall's Flower Shop, Worcester, Mass.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London and Norwich, Conn.
Robbins, F. A., Augusta, Me.
Rochester Floral Co., Rochester, Minn.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison, Chicago.
Schling, Max, 22 W. 59th St., New York.
Schmidt, Chas. L., Harrisburg, Pa.
Sekenger, Adam, Bangor, Me.
Seki Bros. & Co., Los Angeles, Calif.
Smith & Fettes Co., Cleveland, O.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Trepel, Joseph, Brooklyn, N. Y.
Van Meter Flower Shop, Springfield, O.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Whitted Floral Co., Minneapolis, Minn.
Williams, Mrs. E. A., Pittsburgh, Pa.
Wilson, J. S., Floral Co., Des Moines, Iowa.
Wittbold, G., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs. High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery.

New York.

Henry Hart, Inc.

FLORIST

1000 Madison Avenue

Telephone—Lenox 3822.

In the Heart of the most exclusive residential section.

Omaha, Neb.

Hess & Swoboda

FLORISTS

1415 Farnum St.

PHONES:
1501 and L1582

Members of Florists' Telegraph Delivery.

DES MOINES

IN THE CENTER OF IOWA



J. S. Wilson Floral Co.

We cover all points in Iowa.

Members of Florists' Telegraph Delivery.

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of Florists' Telegraph Delivery.

Washington, D. C.

Blackstone.

14th and H. Street.

Philadelphia, Pa.

M. J. CALLAHAN FLOWERS

3924 Market Street Both Phones

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



Wire, Write or Phone West 822

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing.

Brooklyn, N. Y. JOSEPH TREPEL

BROOKLYN'S LARGEST FLORIST
SEVEN STORES

Main Store—334 Lewis Ave., Telephone No. 1150 Bedford
Telegraph orders delivered to all parts of New York City, Brooklyn and Long Island.

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heini)

336 Superior St., Toledo, O.
Both Phones, 527.

Special attention to Mail and Telegraph Orders
Member of Florists' Telegraph Delivery.

Rochester, N. Y.

J. B. KELLER SONS, FLORISTS

25 Clinton Avenue, N.

Rochester Phone, 508 Long Dist. Bell Phone 2189
Members of Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City

Duluth, Minn.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota. Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

Houston, Texas.

Robt C. Kerr Floral Co.

Main and McKinney Phone, Preston 160

LEWIS HENDERSON, Florist

1814 Douglas St., OMAHA, NEB.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing.

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Danker.
Albany, N. Y.—Byres, 106 State St.
Amsterdam, N. Y.—John C. Hatcher.
Augusta, Me.—Robbins, F. A., 122 Winthrop St.
Bangor, Me.—Skenenger, Adam, 32 Newbury St.
Boston, Mass.—Comley, Henry R.
Boston, Mass.—Thos. F. Galvin, Inc.
Boston, Mass.—Penn, The Florist.
Brooklyn, N. Y.—Brooklyn Cut Flower Market.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Briggs Floral Co.
Chicago—Central Floral Co., 132 N. State St.
Chicago—Friedman, 522 S. Michigan Blvd.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder, 3343 W. Madison St.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel, 17 E. Monroe St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Julius Baer.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fettes Co.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Mathews, the Florist.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alfred Lozier Rosery.
Des Moines, Ia.—J. S. Wilson Floral Co.
Detroit, Mich.—Central Floral Co., 35 Broadway.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
El Paso, Texas—Potter Floral Co.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Harrisburg, Pa.—Charles L. Schmidt.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City, Mo.—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Paley.
Los Angeles, Calif.—Howard & Smith.
Los Angeles, Calif.—Seki Bros. & Co.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Milwaukee, Wis.—J. M. Fox & Son, Inc.
Montreal, Quebec—The Dominion Floral Co.
Miami, Fla.—Miami Floral Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, O.—Chas. A. Duerr.
Newburyport, Mass.—E. W. Pearson.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Drakos & Co.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Henry Hart, Inc.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 29th St.
New York—G. E. M. Stummpp.
New York—Young & Nugent.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia, Pa.—M. J. Callahan.
Philadelphia—The London Flower Shop, Ltd.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Pittsburgh, Pa.—Mrs. E. A. Williams.
Providence, R. I.—T. J. Johnston & Co.
Pueblo, Colo.—McMurray, D. M.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rochester, Ill.—H. W. Becker.
Schenectady, N. Y.—John C. Hatcher.
Sheboygan, Wis.—J. E. Mathewson.
St. Louis, Mo.—Foster, Fred.
St. Louis, Mo.—Grimm & Gorly.
St. Louis, Mo.—Mullanphy Florists.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Joseph's, 233-35 Grant Ave.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Springfield, O.—Van Meter Flower Shop.
Springfield, Mass.—N. F. Higgins.
Steubenville, O.—Huscroft's Flower Shop.
Syracuse, N. Y.—Miles S. Hencle.
Terre Haute, Ind.—J. G. Heini & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Wilmette, Ill.—Pyfer & Olsem.
Williamsport, Pa.—Erenden Bros. Co.
Worcester, Mass.—Randall's Flower Shop.

Chicago.

BRIGGS FLORAL CO.

228 W. Madison St.
801 Sheridan Road.

Special attention paid to telegraph orders in Chicago and vicinity. One of our stores is located in the heart of the city and the other in the select north side residential district.

Mention the American Florist when writing

Los Angeles, Calif.

SEKI-BROS. & CO.

Wholesale and Retail Florists

We grow All kinds of Decoration
our own flowers a Specialty
Phone A 2550 729 W. 4th Street

Mention the American Florist when writing

PYFER & OLSEM

WILMETTE, ILLINOIS

Careful attention to all mail or telegraph orders for delivery in Wilmette—Chicago's North Shore Suburb—Evanston, Kenilworth Winnetka, Glencoe, Lake Forest.

New York.

Established 1849

David Clarke's Sons

2139 2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most carefully executed.

Kansas City, Mo.



Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Lang Floral & Nursery Co., Dallas Texas

1303 Main Street

Write or wire headquarters for flowers for Texas Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

Sedalia, Missouri.

Archias Floral Co.

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

Member of Florists' Telegraph Delivery.

N. F. HIGGINS

FLORIST AND DECORATOR

150 State St., SPRINGFIELD, MASS.

Mention the American Florist when writing.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Telephone 1813 Main **JOS. LEVY**
BROOKLYN
Cut Flower Market, Inc.
 Floral Designs a Specialty
356 FULTON STREET
 BRANCH: **408 Fulton St.**
BROOKLYN, N. Y.

NASHVILLE, TENN.
JOY FLORAL COMPANY
 Members of Florists' Telegraph Delivery.

PHILIPS BROS., 938 Broad St.
NEWARK N. J.
 Artistic Floral Work and Long Stem
 Beauties Our Specialty.

Los Angeles, Calif.
Wolfskill Bros. and
Morris Goldenson
 Cut Flower Merchants.
 We solicit telegraph orders. Regular trade discount.
229 WEST THIRD STREET

Kansas City, Mo.
Samuel Murray,
1017 Grand Avenue
 Member of Florists' Telegraph Delivery.

Little Rock, Ark.
PAUL M. PALEZ
FLORIST
 All orders carefully filled and delivered to all parts
 of the city, Arkansas and the Southwest.

St. Louis, Mo.
F. H. WEBER
 Boyle and Maryland Avenues
 Flowers delivered in city and state on short notice
 Member of Florists' Telegraph Delivery.

Tacoma, Wash.
California Florists
 will take care of all telegraphic orders.

Michigan. Orders will be carefully
 cared for by
HENRY SMITH
 Wholesale and Retail Florist of GRAND RAPIDS
 Members of Florists' Telegraph Delivery.

Grand Rapids, Mich.
GRAND RAPIDS FLORAL CO.
ALFRED HANNAH & SONS will fill your orders
 for Designs and Cut Flowers in Michigan

Colorado Springs, Colo.
 Orders Carefully Executed
Pikes Peak Floral Co.
 Wholesale and Retail
 Members of Florists' Telegraph Delivery.

Steubenville, Ohio.
Huscroft's Flower Shop
173 North Fourth Street
 All Orders Promptly Executed

Cleveland, O.
The Smith & Feters Co.,
 LEADING FLORISTS.
735 Euclid Ave. CLEVELAND

Friedman
 ...FLOWERS...
 522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO

SAN FRANCISCO
JOSEPH'S
 233-235 GRANT AVENUE
 Members of Florists' Telegraph Delivery and National
 Florists for this District. A specialty made
 of "Welcoming" and "Bon Voyage" packages.

St. Paul, Minn.
L. L. MAY & CO.
 Order Your Flowers for delivery
 in this section from the
 LEADING FLORISTS OF THE NORTHWEST

FRED
FOSTER
LORIST
703 Olive St., St. Louis, Mo.

Pittsburgh, Pa.
MRS. E. A. WILLIAMS
621 Penn Ave.

CHARLES L. SCHMIDT
313 Market St., Harrisburg, Pa.
 Night and day service in all Central Pennsylvania.

E. W. PEARSON
47 State St., NEWBURYPORT, MASS.,
 Covers all New England points.

KANSAS CITY, MISSOURI.
Rock's
FLOWERS
 Members Florists' Telegraph Delivery Ass'n.


CHICAGO
Engel
 The
 Palmer House
 Florist
17 E. MONROE ST.

C. H. FREY Wholesale
 and Retail
 Florist
1133 O St., LINCOLN, NEB.
 Will fill orders for the West on short notice
 Trade discounts. First-class stock.

Send Telegraph, Telephone or Mail Order.
 for florist service in this vicinity to
THE DOMINION FLORAL CO.
484 St. Catherine's St., West
Montreal, Que., Canada
 Every order receives prompt and careful attention

C. Trauenerfeldt
FLORIST
3343 W. MADISON ST.
 NEAR GARFIELD PARK
CHICAGO

For Wisconsin Delivery
 OF
"Home Grown Flowers"
 Get in touch with
J. E. MATTHEWSON, SHEBOYGAN,
 WISCONSIN.
 Member of Florists' Telegraph Delivery.


WASHINGTON
D. C.
Gudes'
 GUDE BROS. CO.
 FLORISTS
 1214 F ST. N.W.
 WASHINGTON D.C.
 Members of Florists' Telegraph Delivery.
 Mention the American Florist when writing

DES MOINES, IOWA
ALFRED LOZIER ROSERY
 Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Pueblo, Colo.

D. M. McMurray
FLORIST
105 East Abriendo Ave.

Send Telegraph, Telephone or Mail orders for florist service in this vicinity to

Howard & Smith
853 So. Olive St., Los Angeles, Calif.
Every Order sure to receive prompt and careful attention.

WORCESTER, MASS.

Randall's Flower Shop,
13 Pleasant Street.

Member of Florists' Telegraph Delivery.

New York.

G. E. M. STUMPP
761 Fifth Avenue
Member of Florists' Telegraph Delivery.

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of Florists' Telegraph Delivery.

VAN METER FLOWER SHOP
SPRING and HIGH, Springfield, O.
BEST FLOWERS for EVERY OCCASION.

Williamsport, Pa.
EVENDEN BROS. CO.
Largest Growers in Central Pa.
Members of Florists' Telegraph Delivery.

Boston, Mass.

HENRY R. COMLEY, Florist, 6 Park St.
50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

John C. Hatcher

Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Hoffmans, N. Y.

FREY & FREY,
1338 O Street, LINCOLN, NEB.
WHOLESALE AND RETAIL.
Members of Florists' Telegraph Delivery.

El Paso, Texas.

Potter Floral Co.
Members of Florists' Telegraph Delivery.

Boston, Mass.

Penn The Florist

"Penn, The Telegraph Florist"
Member of Florists' Telegraph Delivery Ass'n.
124 TREMONT STREET

Chicago Detroit
CENTRAL FLORAL CO.

132 North State Street, CHICAGO, ILL.
35 Broadway, DETROIT, MICH.

Special attention given to telegraph and mail orders for delivery in either city and adjoining territory. Both of our stores are located in the heart of each city, which means quick and efficient service to theatres, hotels, depots, etc. Our Chicago store is located opposite Marshall Field & Co.'s retail establishment and one block from the Great Central Cut Flower Market.

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

DULUTH FLORAL CO.
200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis

Newark, Ohio.
CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.
Mention the American Florist when writing.

TERRE HAUTE, IND.
THINK OF HEINL'S

Mention the American Florist when writing.

Rockford, Ill.

H. W. BUCKBEE.

Member of Florists' Telegraph Delivery.
Mention the American Florist when writing.

St. Louis, Mo.

WIRE

Grimm & Gorly

Mention the American Florist when writing.

Augusta, Me.

F. A. ROBBINS, Florist
122 WINTHROP STREET
We deliver in Maine and all New England points.
Mention the American Florist when writing.

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

Cleveland, O.

A. Graham & Son
5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Mention the American Florist when writing.

Washington, D. C.

GEO. H. COOKE
FLORIST

Connecticut Avenue and I Street

Mention the American Florist when writing.

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.
Members of Florists' Telegraph Delivery.

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Mention the American Florist when writing.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing.

PROVIDENCE, R.I.

and all T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing.

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President; F. W. Bolgiano, Washington, D. C., First Vice-President; L. L. Olds, Madison, Wis., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fifth annual convention, June, 1917.

HOLLAND, it is stated, may mobilize her entire mercantile marine for the transportation of foodstuffs.

NEW YORK—Marshal H. Duryea, of the Nungesser-Dickinson Seed Co., has been doing jury service the past two weeks.

CHICAGO.—Prices for grass seed on the Board of Trade, December 20, were as follows: Timothy, \$4.00 to \$5.75 per 100 pounds.

THE deaths of Herbert Johnson of Philadelphia, Pa., and J. E. Hoopes of Muscatine, Ia., are recorded in our obituary column this week.

By printer's error the wrong title was given to illustration used in the Western Seed & Irrigation Co.'s advertisement, issue of December 16, page 1211.

SALES of such scarce items as garden beans and sweet corn have been made freely the past two weeks and the very moderate quantities of the former will soon be in the hands of retailers.

L. W. WHEELER, of the Pieters-Wheeler Seed Co., Gilroy, Calif., celebrated the forty-eighth anniversary of his birthday, December 20. Mr. Wheeler was born at Cherry Creek, near Jamestown, N. Y.

ONION sets in Chicago storage are in more danger just now from freezing than sprouting. Zero weather has held up most car movements for several days. The best of refrigerator car service can not stand the four to six days' delay, which cross-town switching arrangements now require.

LILY of the valley, German grown, is said to be coming along gradually via the underground route, so the shipments so far heard of are few. One western grower is said to have secured about a million, putting up \$8,000 spot cash on arrival. Another lot consigned to an eastern importer cost him \$15,000.

VISITED CHICAGO: H. P. Webster, Independence, Ia.; R. H. Shumway, Rockford, Ill.; L. R. Condon, Rockford, Ill.; F. C. Woodruff, Alling Woodruff and J. J. Merwin, of S. D. Woodruff & Sons, New York; F. W. Bolgiano, Washington, D. C.; Theo. Cobb, of D. M. Ferry & Co., Detroit, Mich.; Alex. Mathers, of the Everett B. Clark Seed Co., Milford, Conn.

REPRESENTATIVES of the middle states canners met at the Sherman House, Chicago, December 19. Consideration was given to future prices of canned corn and to booking present seed corn orders. Among seed houses represented were D. M. Ferry & Co., Detroit, Mich.; S. D. Woodruff & Sons, New York; Leonard Seed Co., and W. W. Barnard Co., Chicago, and the Everett B. Clark Seed Co., Milford, Conn.

Swedish Shipping Rates Increased.

Copenhagen.—Scandinavian-American line, the Danish United Steamship Co., the Norwegian-Mexico line and the Swedish-American-Mexico line have reached an agreement to increase freight rates 75 per cent between American and Scandinavian countries, says a despatch from Malmoe, Sweden.

Bunyard Company Bankrupt.

A petition in bankruptcy has been filed against the Harry A. Bunyard Company, Inc., seeds, 40 West Twenty-eighth street, New York, by John F. Croom & Co., Magnolia, N. C., \$366; A. T. De La Mare Printing and Publishing Company, \$649, and William Kersting, \$49. The company was incorporated March 4, 1915, with capital stock \$25,000.

Holly and Green.

Bouquet green has sold at 12 cents per pound in New York and 20 cents in Chicago, making a new high record. The artificial flower people who use this lycopodium for dyeing will have no supply till picking can be done in April.

Holly, the quality of which has been below the average, closes the season as scarce as it is poor. Dealers who insist on quality have rejected over 15 per cent of stock handled and turned the poor grades over to the commission merchants.

Van Waveren & Sons' New York Branch.

M. Van Waveren & Sons, well-known bulb growers of Hillegom, Holland, announce the removal of their New York branch, from 17 State street to 26 Cortlandt street. This branch, established a number of years ago, was incorporated in 1916 with H. Langelier as managing director.

W. A. Philippo and C. de Wreede, who have held important positions with the firm for many years, have been appointed managing directors, and will assist in the further development of the business. T. Van Waveren continues as president of the company.

Sugar Beet Seed Production.

Sugar-beet seed was grown commercially in this country during the past year in several states from Michigan to California. The crop of seed harvested in 1915 was so satisfactory, according to the report of the chief of the bureau of plant industry, United States department of agriculture, in each of the areas tested, that a largely increased acreage was planted this year.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited

This bureau has assisted in an advisory way in growing, selecting, and siloing the roots, planting them in the spring, harvesting and cleaning the seed, and, in general, endeavored to produce the largest amount of commercial seed possible at a minimum cost. Approximately 5,000 acres are in beet seed in this country this year, while we require the product of at least 16,000 acres for a normal planting, not considering the natural expansion of the beet-sugar industry. Each new mill will require an average of 200 acres in seed to meet its planting requirements. Seven new mills are in process of construction for this year.

The problem of drying the sugar beets for the purpose of increasing the amount of raw material for the mill and thereby increasing the length of the sugar campaign has been further investigated. The principal difficulty has been in finding or devising a dryer of suitable capacity to handle enough beets per day to be profitable. A satisfactory solution of the problem will be very beneficial in those small valleys in the intermountain states, where the acreage is not sufficient to support a sugar mill, and yet the sugar beet is necessary to the highest results in the farming operations.

Government Seed Contracts.

For the government's seed supply next year, quotations should reach the United States Department of Agriculture, Bureau of Plant Industry, Office of Seed Distribution, Washington, D. C., on or before 2 p. m., Tuesday, January 9, 1917. Upon this date all bids will be opened by the department board of awards, and members of the seed trade are cordially invited to be present either in person or by representatives. The prices on the various items will be read aloud by the chairman of the board, but the quantities quoted upon, and other information submitted by the bidders, will be treated as confidential matter. After opening, the bids will be tabulated for comparison, and the board will proceed to make its awards, which will not be announced until the entire list is completed. After the awards have been made orders will be placed with

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids,

Mich.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

SPECIAL OFFER Japanese Lilies

Longiflorum Giganteum

(BLACK STEM.) Per 1000

7 to 9 in.....	\$30.00
All 8 in., selected.....	35.00
All 10 in., selected.....	75.00
All 12 in., selected.....	90.00

All selected bulbs of black stem.

Lilium Formosum

9 to 10 in.....per 1000,	\$80.00
7 to 9 in.....	61.00

Also selected high grade bulbs.

Lilium Multiflorum

7 to 9 in.....per 1000,	\$44.00
9 to 10 in.....	71.00
10 to 11 in.....	96.00

J. M. THORBURN & CO.
53 Barclay Street, through to 54 Park Place
NEW YORK CITY.

Mention the American Florist when writing.

the successful bidders by telegram, which will be followed by a letter stating the conditions under which the order is placed and also giving the reasons why any other items quoted on were not accepted by the department. All unsuccessful bidders will be advised by letter why their bids on each item were not accepted; also as to successful bidders and prices paid.

The following are the items on which quotations have been requested:

Flower Seed.

Antirrhinum	300 lbs.
Balsam, Camellia flowering	500 "
Calendula officinalis	1,600 "
Candytuft, Empress	3,000 "
Centaurea cyanus	800 "
Coreopsis: bicolor, tinctoria, coronata or similar sorts	900 "
Cosmos, early flowering.....	1,000 "
Delphinium, annual	400 "
Dianthus, Heddergill (single).....	800 "
Dianthus, Chinensis (double).....	800 "
Echscholtzia, californica	1,500 "
Morning Glory, dwarf	1,000 "
Morning Glory, tall	2,000 "
Mignonette, large flowering.....	3,000 "
Nasturtium, dwarf, choice mixed.....	3,000 "
Nasturtium, tall, choice, mixed.....	3,000 "
Petunia, Countess of Ellsmere or simi- lar types	200 "
Poppy, paeony flowering	1,800 "
Poppy, Shirley	1,800 "
Portulaca, mixed	200 "
Sweet alyssum	400 "
Sweet peas, choice mixed	6,000 "
Zinnia, giant flowering, double mixed	500 "
Zinnia, dwarf, double mixed.....	500 "

Vegetable Seed.

*Corn, sweet	3,000 bus.
Beans, dwarf (hand-picked).....	500 "
Beans, pole (hand-picked).....	500 "
Beans, lima (hand-picked)	500 "
Peas (hand-picked)	3,000 "
Beet	20,000 lbs.
Cabbage	3,000 "
Carrot	20,000 "
Collards	3,000 "
Cucumber	30,000 "
Endive	5,000 "
Kale	3,000 "
Lettuce	60,000 "
Muskmelon	40,000 "
Okra	4,000 "
Onion	30,000 "
Parsnip, crop of 1917.....	8,000 "
Parsley	5,000 "
Radish	130,000 "
Squash, summer	10,000 "
Tomato	4,000 "
Turnip	30,000 "
Watermelon	4,000 "

*State whether hand-picked or milled.

Asparagus Plumosus Nanus

Greenhouse Grown Seed

1,000 Seeds, \$3.50 10,000 Seeds, \$32.50

Californian Grown Seed

1,000 Seeds, \$2.50 10,000 Seeds, \$22.50

5 per cent discount, Cash with order.

ARTHUR T. BODDINGTON CO., Inc.
128 Chambers Street, NEW YORK.

Mention the American Florist when writing

FLOWER SEEDS



WE make a specialty of Flower Seeds for Florists and Seedsmen. We carry large stocks of all the popular varieties, such as Asters, Balsams, Bachelor's Button, Calendula, Cosmos, Dianthus, Marigold, Mignonette, Morning Glory, Portulaca, Phlox, Sweet Peas and Zinnias, etc., and shall be pleased to quote on your list of requirements for present and future use.

Vaughan's Seed Store, CHICAGO
NEW YORK

BEANS, PEAS, RADISH

AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write or prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St., Telephone Main 2762. CHICAGO

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, - NEBRASKA

Mention the American Florist when writing.

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip,
Radish, Beet, Etc.

Branches: Michigan, MILFORD, CONN.
Wisconsin and Idaho.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Mention the American Florist when writing.

JAP LILY BULBS

AT IMPORT PRICES.

GIGANTEUM, 7-9, 8-10, 9-10, 10-11.

MULTIFLORUM, 7-9, -10.

AURATUM, 7-9, 9-11.

ALBUM, 9-11.

RUBRUM, 7-9, 8-10, 9-11.

MELPOMENE, 9-11.

Giganteum, 7-9, 8-10 and 9-10 also offered
f. o. b. Chicago and London, Ont.
Write for prices and details, stating quantity
desired.

**McHUTCHISON & CO., THE IMPORT
HOUSE.**
95 Chambers St., NEW YORK.

S. M. Isbell & Co.

JACKSON, MICH.

Contract Seed Growers

Beans, Cucumbers, Muskmelon,
Watermelon, Squash, Sweet Corn.

Michigan-grown Radish our Specialty.

Correspondence Solicited.

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale
Farm.**Bristol, Pa.****Lilium Giganteum**

7-9 in. and 9-10 in., for immediate delivery.

Write for Prices.

Yokohama Nursery Co., Ltd.

Woolworth Bldg., New York City

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDSCucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

97th Year

J. BOLGIANO & SON,Wholesale Garden and Field Seeds,
Onion Sets, Seed PotatoesGrowers of
Pedigree Tomato Seeds **Baltimore, Md.****American Bulb Co.**

A. Miller, President.

WHOLESALE DEALERS IN

Bulbs, Seeds, Supplies, Etc.

178 N. Wabash Ave., Chicago, Ill.

THE

J.C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Contract Seed GrowersSpecialties: Pepper, Egg plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

My New PRICE LIST of

**Winter Orchid-Flowering
Sweet Pea Seed**

Has been mailed. If you have not received a copy, send Postal for it.

Part of new crop is ready now.

Ant. C. Zvolanek, Lompoc, Calif.**GARDEN SEED**

Beet, Sweet, Corn, Garden Beans, Onion Sets, and Seed Potatoes in variety. Also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK
and Orange, Conn.**Kelways RENOVED Seeds**

One Quality Throughout

THE BESTMedal of Honor Panama Exhibition, 1915. LATEST AWARD—Royal Horticultural Society's GOLD MEDAL, 1916. If not already in your hands, WRITE NOW for our new 1917 Catalogues of Garden, Farm and Flower Seeds, containing many NOVELTIES of STERLING MERIT which should be catalogued by every enterprising SEEDSMAN.
REAL INDEPENDENT PRICES.

Catalogues and SPECIAL FORWARD PRICES sent free to genuine SEED DEALERS.

KELWAY & SON, Wholesale
Seed Growers. **Langport, Eng.****TOMATO SEED**

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,Correspondence
Solicited.**SWEDESBO, N. J.****Grass Mixtures**

— FOR —

Golf-Tennis-Polo

MEET ALL REQUIREMENTS FOR ALL SOILS

The Albert Dickinson Co.,
CHICAGO, ILL.

Mention the American Florist when writing.

The L. D. Waller Seed Co.

Gaudalupe, California

Wholesale Growers of

**FLOWER SEEDS, SWEET
PEAS AND NASTURTIUMS**

Correspondence Solicited.

Mention the American Florist when writing.

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Before Placing Orders for

SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.**THE KIMBERLIN SEED CO.**WHOLESALE
SEED GROWERS **SANTA CLARA, CAL.**

Growers of

ONION, LETTUCE, RADISH, ETC.

Correspondence solicited.

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners.**BRUNNINGS**

Now contracting for Beans and Peas for 1917, 1916 stocks being exhausted.

AUSTRALIAN BROWN ONION
1915-1916 crop seed still available

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

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Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.Specialties: Lettuce, Onion, Sweet Peas, Asters, Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

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Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.

Peas and Beans, Michigan Grown.

Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.

Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1917 crop.

Sioux City Seed & Nursery Co.
Established 1883.

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**R. & M. GODINEAU
SEED GROWERS**

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages, Cereals, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

Mention the American Florist when writing.

BARNARD'S
Seed Store
231-235 W. Madison St
CHICAGO.

Mention the American Florist when writing.

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc.
Moorestown, New Jersey

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

CONTRACT GROWER of

Cucumber and Muskmelon Seed

I offer Pure Stock, Personal Service Intimate
Knowledge of Stocks and Local Conditions.

Good Deliveries and Moderate Prices.

R. H. JAMES, Rocky Ford, Colo.

GERANIUMS

Immediate delivery at \$13.50 per 1000 for
S. A. Nutt and Buchner and \$16.00 per 1000 for
Ricard and Poitevine.

Asparagus Plumosus, fine stock at \$25.00 per
1000; same rate per 100.

ALBERT M. HERR, LANCASTER, PA.

BOXWOODS—MOST BEAUTIFUL STOCK

Pyramids, 2 -ft.....\$1.00 each
Pyramids, 2½-ft.....1.50 each
Pyramids, 3 -ft.....2.00 each
Pyramids, 3½-ft.....2.50 each
Standard Shape, 14x14 in.....2.50 each
Globes, 14x14 in.....3.00 each
Heavy Bushes, 2-ft.....1.50 each
Nice Bushes, 15-in.....35c each

F. O. FRANZEN 5319 N. Clark St
CHICAGO

CARNATIONS

F. DORNER & SONS CO.,

Lafayette, - - Indiana

James Vick's Sons

ROCHESTER, N. Y.

Seedsman, Nurserymen, Florists

SEEDS All the leading
PLANTS kinds for spring
BULBS and summer planting.

Ask for Florist's Catalogues.

If You are interested in Mid-Winter

Blooming Plants

—or anything in—

Soft Wooded Plants

—Write—

Geo. A. Kuhl, Wholesale Grower,
PERIN, ILL.

Begonia Glory of Cincinnati

Begonia Melior, Begonia Mrs. J. A. Peterson.

CYCLAMEN, our own selected strain.
APLENIUM NIDUS AVIS (Bird's Nest Fern).
Price list on application.

J. A. PETERSON & SONS, WESTWOOD,
CINCINNATI, OHIO

SEASONABLE FLORISTS' BULBS

and some BARGAINS



Spiraea (Just in)

America, Lilac Rose.....Per 100 \$11.00
Avalanche, White.....12.00
Gladstone, White.....10.00
Queen Alex., Pink.....11.00

Hardy Lilies

Just arrived in fine order.

Lilium Auratum, (160 to case)	Per 100	Per 1000
Lilium Auratum, 9-11 in., (100 to case),	8.00	75.00
Lilium Rubrum, 8-9 in., (160 to case),	5.50	50.00
Lilium Rubrum, 9-11 in., (100 to case),	9.00	85.00
Lilium Album, 9-11 in., (100 to case),	12.00	100.00

Our complete line of best American grown GLADIOLUS BULBS are now in store. These are of the leading reliable forcing kinds and not to be compared to Dutch production.

CHICAGO Vaughan's Seed Store NEW YORK

Valley (New Crop) Per 1000
Pips, Hamburg, Holland Grown....\$20.00
This stock proved very satisfactory last season.

Clumps, per 100.....\$20.00

Lilium Giganteum

NEW CROP

	Per 1000
6 to 8-inch (400 to case).....	\$30.00
7 to 9-inch (300 to case).....	45.00
8 to 9-inch (250 to case).....	65.00
9 to 10-inch (200 to case).....	88.00

Gladiolus Colvillei

	Per 1000
Blushing Bride	\$5.50
The Bride	6.00
Peach Blossom.....	7.00

Spanish Iris

Named varieties, 4 separate colors....\$6.00

"JOSS" LILIES, Chinese Narcissus,
per mat. (120 bulbs), \$4.80 at
Chicago. In New York, \$5.50.

Lilium Formosum

	Per 1000
6 to 8-inch, (350 to case) regular strain.....	\$35.00
6 to 8-inch (350 to case) true black stem variety	40.00

Dutch Hyacinths

Miniatures

Plant in Pans For Easter Sales.

Named varieties, per 1000, only.....\$7.50
A bargain, reduced from \$10.00.

All Dutch Bulbs in the Hyacinth, Tulip and Narcissus class now 50 per cent off List Prices—Offer good 10 days.

Palms and Ferns

We have a large and fine stock for the holiday trade, and can give exceptionally good value.

FERNS—Scottii, 4-in. pots, 20c; 5-in. pots, 30c; 6-in. pots, 50c; 7-in. pots, 75c. Teddy, Jr., 6-in. pots, 50c; 7-in. azalea pots, 75c; 8-in. pots, \$1.00 each. Boston Ferns, 6-in. azalea pots, 40c; 6-in., extra heavy, 50c; 7-in. pots, 75c; 8-in., \$1.00. Neph. Whitmani, 6-in. pots, 50c; 7-in. pots, 75c.

KENTIAS—Kentia Belmoreana, 4-in. pots, 40c; 5½-in. pots, 18 in. high, 75c; 6-in. pots, 22 in. high, \$1.00; 6-in. pots, 24-26 in. high, \$1.25; 7-in. pots, 28 in. high, \$1.50 each. Kentia Forsteriana, 4-in. pots, 40c; 5½-in. pots, 75c; 6-in. pots, 5-6 leaves, 26 in. high, \$1.00; 6-in. pots, 30 in. high, \$1.25; 6-in. pots, 32 in. high, \$1.50; 7-in. pots, 38 in. high, \$2.00 each.

Areca Lutescens, 6-in. pot, made up, 3 ft. high, 3 plants in a pot, \$1.50 each.

CASH WITH ORDER, PLEASE.

We have a large stock of Azaleas, Rhododendrons and Hydrangeas for Easter forcing. Write for prices.

GODFREY ASCHMANN

Importer, Wholesale Grower and Shipper of Pot Plants

1012 West Ontario Street,

PHILADELPHIA, PA.

Market Gardeners

Vegetable Growers' Association of America.

H. W. Selby, Philadelphia, Pa., President;
H. F. Thompson, Arlington, Mass., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; Eugene Davis, Grand Rapids,
Mich., Treasurer.

Next annual convention will be held at
Springfield, Mass., in 1917.

LEXINGTON, MASS.—The first state experiment station for market gardeners will be opened here next spring. The tract will comprise 12 acres.

PORTLAND, ME.—William Richardson, the local truck gardener, has added a new house, 42x103 feet. Another house 42x250 feet contains a fine crop of lettuce.

Prices of Indoor Fruits and Vegetables.

Chicago, Dec. 19.—Mushrooms, home grown, 30 to 50 cents per pound; lettuce, small cases, 20 and 23 cents; radishes, 60 to 70 cents, dozen bunches; celery, 75 cents to \$1.00, open crate; tomatoes, 10-lb. baskets, \$1.00 to \$1.75; cucumbers, per 2 dozen box, \$1.25 to \$1.75.

New York, Dec. 19. — Celery, per crate, \$2.00 to \$3.50; cucumbers, 50 cents to \$1.25 per dozen; mushrooms, 75 cents to \$1.60 per 4-lb. basket; tomatoes, per lb., 10 to 25 cents; radishes, per 100 bunches, \$2.00 to \$4.00; lettuce, per box, \$1.00 to \$2.50.

Vegetable Prices at New York.

The following quotations were reported from New York, December 16:

Potatoes—Long Island, 180 lbs., \$5-\$5.50; Bermuda, No. 1, per bbl., \$7-\$8; Bermuda, No. 2, \$5.50-\$6; Maine, 165 lbs., \$4.50-\$4.65; Canadian, 165 lbs., \$4.25-\$4.50; Nova Scotia, per bag, \$4.00-\$4.25; Southern, late crop, 165 lbs., \$3.75-\$4.25; yams, southern, per bbl., \$1.25-\$2.25.

Lima beans, Cuban, per crate, \$4.50-\$6.00.

Onions, state and western, white, per crate, \$2.00-\$2.15; red, 100 lb. bag, \$3.00-\$3.75; white, 100 lb. bag, \$3.50-\$4.25; yellow, 100 lb. bag, \$3.00-\$3.75; Bermuda, half-crate, \$1.25-\$1.50; Cuban, per crate, \$3.00-\$3.50; Connecticut Valley, yellow, 100 lb. bag, \$3.00-\$3.75.

Spinach, Virginia, per bbl., \$1.00-\$2.00.

Turnips, Rutabaga, per bbl., \$1.75-\$2.00.

Onion Forcing.

ED. AMERICAN FLORIST:

Will you please give me some information about forcing young onions for winter use? Is there any special kind and where can the sets be purchased? How close will they stand planting?

Kansas. E. R. D.

Forcing onions for winter use requires preparation in advance, preferably a year ahead. The best variety to use is the Egyptian or perennial onion. It is perfectly hardy in most localities, standing severe winters well. The sets of this onion ripen early in August, and should be planted as soon as ripe. They do not keep well out of the ground. These sets should go in nursery-rows in the field in good ground, the rows a foot or 15 inches apart, the plants in the rows very closely, say six to eight to the foot. These sets

should get a year's growth, giving them clean cultivation; no sets should be allowed to form during the summer on the forcing stock. Late in the fall these onions are dug up and stored in cold frames and trenches, so they are available all through the winter. A new lot should be taken in every week to keep up a constant supply. They do well in 50" under glass, but must have the full light. Under benches will not do. If the plants are right, they will grow rapidly when brought in and a few weeks will put them in condition for market. Years ago this part of the forcing business used to be popular, but the shallots from the south now hold the markets in the winter, hence very little onion forcing is now done. MARKETMAN.

Providence, R. I.

STORM SHORTENS SUPPLY.

One of the worst snow storms experienced in this city in years began December 15 and continued through the following day. In consequence the supply of stock is very short in this market and it is to be expected that it will further decrease. Preparation for the Christmas business occupies the spare moments of all the local trade. There appears to be nothing new in novelties this year and the small red wreaths that sold so well last year will be as popular as ever. Baskets of fancy grasses and bowls are still in demand. Christmas plants will be in good variety and the offerings will include azaleas, begonias, cyclamens, solanums, primulas, Boston ferns, cibotiums, fern dishes of many varieties, ardisias, small tub boxwoods, heather, etc. The displays in the stores are already presenting a very attractive appearance.

NOTES.

The feature of the December meeting of the Rhode Island Horticultural Society, announced for December 20 in the Public Library will be a lecture on "Glimpses of South American Vegetation," by Mrs. Levi B. Edwards who has recently returned from a trip across that country.

Farmers and greenmen have taken their positions at the bridge. Evergreen of all kinds will bring a good price this year. The wholesale price is higher than it has been for a number of years.

J. F. Wood is showing good stock in his store on Westminster street and is confident of good Christmas business.

T. J. Johnston & Co.'s new store is nearing completion. There is nothing like it in the city. H. A. T.

NEWTON FALLS, O.—The Cleveland Cut Flower Co. has moved its entire range from Eddy road to this place.

Rochester, N. Y.

SHORTAGE OF CUT STOCK.

Cold, crisp weather has improved business conditions and the holiday rush is now on. Baskets of artificial stock, wreaths, laurel and pine roping are selling in great quantities at prices a trifle higher than the average. Holiday quotations are now in effect here and there is a shortage of carnations, roses and cut stock of nearly all kinds. Roman hyacinths, Paper Whites and stevias are very popular items and the supply is good. Cyclamens, poinsettias, begonias, heather and in fact all flowering plants are plentiful.

NOTES.

The trade of this city and all of its citizens in general realize the passing of a truly great man, one who was in close touch with the city's horticultural and landscape interests, in the death of William C. Barry. Further particulars will be found in our obituary column this week.

Hugo Teute is disposing of a big assortment of Christmas plants, among the varieties being cyclamens, poinsettias, begonias and primroses.

Harry Merritt is producing some of the finest White Wonder and Pink Delight to be seen in this vicinity.

Frank J. Mahoney is doing special work for Geo. T. Boucher during the holidays.

E. C. Armbrust has returned from Buffalo, where he visited friends.

Chas. W. Curtis finds a ready market for a fine lot of poinsettias.

CHESTER.

Atlantic City, N. J.

Edwards Floral Hall Co. has the contract for decorating the fronts of the leading beach hotels for the holidays. In addition to other stock, over 70 cases of wild smilax were used. This firm has a very attractive store in the Hotel Traymore.

LEWISTON, ME.—The Maine Bulb & Flower Growers has been incorporated by Geo. W. Horne of this city, and W. A. Noyes and G. A. Whitney of Auburn.

BEAVER, PA.—Thomas M. Fitzgerald, one of the best known florists of Western Pennsylvania, died at his home in this city November 14, aged 48 years.

Mushroom Growing

By B. M. Duggar.

Presenting accurately the requirements for success.

260 pages, cloth, fully illustrated, Price, \$1.50.

American Florist Company
440 S. Dearborn Street, Chicago

TO THE TRADE.

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuce, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Glorinias, Larkspurs, Nasturtiums, Pansies, Phloxes, Primulas, Scabiosa Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES—(mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

To Grow on for
EASTER

CLIMBING ROSES

Field-Grown
Extra Strong

We offer the following list of **EXTRA STRONG FIELD-GROWN** stock that will make **FINE PLANTS FOR EASTER** if started cool.

3 YEAR OLD.

Excelsa—"Red Dorothy Perkins."
Delight—Bright carmine flowers; base of petals, white.
Dorothy Perkins—Beautiful shell-pink.
Flower of Fairfield—Everblooming Crimson Rambler.
Hiawatha—Single crimson, lighter center.
Lady Gay—Beautiful cherry pink.
Price: Doz., \$3.00; 100, \$22.00; 1000, \$200.00

2 YEAR OLD.

Crimson Rambler.
Dorothy Perkins.
Excelsa.
Flower of Fairfield.
White Dorothy Perkins.
Baby Ramblers.
Price: Doz., \$2.00; 100, \$15.00; 1000, \$140.00

HYBRID PERPETUAL ROSES--2 Year.

	Doz.	100
Anna de Diesbach.....	\$2.00	\$14.00
Frau Karl Druschki.....	2.50	18.00
General Jacqueminot.....	2.00	14.00
Gloire Lyonnaise.....	2.00	15.00
Mabel Morrison.....	2.00	15.00
Magna Charta.....	2.00	15.00

	Doz.	100
Mrs. John Laing.....	\$2.00	\$15.00
Paul Neyron.....	2.00	15.00
Prince C. De Rohan.....	2.00	15.00
Ulrich Brunner.....	2.00	15.00
Persian Yellow.....	2.00	15.00
Orleans.....	2.50	18.00

Our Importations of Manetti Stocks, Hydrangeas, etc., at hand.

CHICAGO

VAUGHAN'S SEED STORE

NEW YORK

Chrysanthemums

PRELIMINARY LIST OF
Novelties and
Standard Varieties

Now Ready. Ask for a Copy.

Elmer D. Smith & Co.
ADRIAN, MICH.

Mention the American Florist when writing.

Dracæna Indivisa

2-in., \$2.00 per 100; \$18.00 per 1,000.
Per 1000
Vinca Variegata, 2 in., \$2.00 per 100....\$20.00
S. A. Nutt, 2-in..... 18.00
Rex Begonias, 3-in.....per dozen 1.00
Satisfaction guaranteed.

ELMER RAWLINGS,
Wholesale Grower
ALLEGANY, NEW YORK

A. N. Pierson, Inc.

Wholesale Florists
CROMWELL, - CONN.

Trade Directory

PRICE, \$3.00,
POSTPAID.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO

FORCING STOCK

ROSES, field-grown, selected forcing grade. Climbers, \$15.00 per 100

Excelsa (Red Dorothy Perkins) **Lady Gay** **Crimson Rambler**
American Pillar **Climbing American Beauty** **Dorothy Perkins**

BABY ROSES, \$15.00 per 100

Jessie **Orleans** **Baby Rambler** **Mrs. Cutbush** **Ellen Poulson**

HYDRANGEAS, 3½-inch pots, \$6.00 per 100

Single stem plants, set with good, plump flower buds.

Eclairneur, Fine rosy Pink.

La Lorraine, Large flowers, pale rose, turning to bright pink.

Mme. Maurice Hamar, Large delicate flesh-rose color.

Mme. Emil Mouilliere, Pure white, with rosy carmine eye; very large; the best white.

DEUTZIA LEMOINE, pot-grown, 6-inch pots, \$20.00 per 100.

GENISTA CANARIENSIS, 6-inch pots, nice shapely plants, \$20.00 per 100.

SPIREAS—Gladstone, Peach-Blossom, Queen Alexandra, \$10.00 per 100.

Otaksa, The old standby for pink. More easily forced than some of the newer sorts.
Radiant, Clear, bright pink; an exceptionally handsome shade.

2½-inch pots, \$4.00 per 100.

Otaksa **Mme. Emil Mouilliere**

Mme. Maurice Hamar

Lilie Mouilliere, bright carmine rose.

JACKSON & PERKINS CO., NEWARK, NEW YORK

Nephrolepis Verona

Best of all crested ferns, rapid grower; it's splendid fronds stand up well; each show individually; does not rot in center.

BUY FROM THE ORIGINATORS.

	Per 100	Per 1000		Per 100	Per 1000
2-inch.....	\$8.00	\$72.00	3-inch.....	\$12.00	\$90.00

BAMBOO

Best decorative plant that grows; strong bushy stock.

7-inch pots\$1.50 each 12-inch tubs.....\$6.00 each

P. S. Randolph & Sons

Wholesale Florists and Plant Specialists

R. D. VERONA, - PA.

The Nursery Trade

American Association of Nurserymen.

John Watson, Newark, N. Y., President;
Lloyd C. Stark, Louisiana, Mo., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Forty-second annual convention will be held at Philadelphia, Pa., June 27-29, 1917.

MONTGOMERY, ALA.—The Morning View Greenhouses have added a nursery department to their business.

OSHKOSH, WIS.—N. A. Rasmussen of this place has been elected president of the Wisconsin Horticultural Society.

THE forty-second annual meeting of the American Association of Nurserymen will be held at Philadelphia, Pa., June 27-29, 1917.

SANTA ANA, CALIF.—The Board of Forestry of Orange county has established a nursery here and is furnishing free of charge to property owners stock for planting along highways.

SYRACUSE, N. Y.—The state forestry association, at a meeting of the executive committee in this city, November 24, decided to ask the legislature to pass a law for state-wide tree planting. It also urged that all tree doctors be licensed.

GREENWICH, CONN.—The Westchester and Fairfield Horticultural Society has elected the following officers for 1917: Wm. Whitton, president; John Andrew, vice-president; J. B. McArdle, secretary; Alex. Clarkson, corresponding secretary, all of this city.

HARTFORD, CONN.—The Connecticut Horticultural Society at its annual meeting, December 8, elected the following officers: G. H. Hollister, president; Frank Roulier, vice-president; Oscar F. Gritzmacher, treasurer; W. W. Hunt, Hartford, secretary.

WASHINGTON, D. C.—Congressman Frank Park of Georgia has introduced a bill providing for the appropriation of \$25,000 for the establishment of an experimental station at Colquitt, Ga., to study the character of plants, shrubs, fruit and ornamental trees, and vegetables.

ST. LOUIS, MO.—H. C. Irish, of this city, has been elected president of the Missouri State Horticultural Society for 1917. Other officers are: E. H. FAVOR, St. Joseph, first vice-president; Daniel Lowmiller, Parkville, second vice-president; H. S. Wayman, Princeton, secretary; Dr. E. L. Beal, Republic, treasurer.

WASHINGTON, D. C.—Chairman Slayden of the house committee on library will ask that committee to consider the question of the removal of the national botanical garden to some more suitable site which will permit of more space, which is much needed. The removal to Rock Hill park has been suggested among other possible locations.

Park Disfigurement.

Park Commissioner Cabot Ward of New York, in his annual report, tells wholesome truth about many of the "monuments" that disfigure the parks of that city. The writer has on previous occasions called the attention of our readers to this abuse, not in New York alone, but in many other cities. Take Washington, D. C., for instance. If there is a city in the whole world, of its size and population, that has a finer collection of junk in the form of monuments, we have never seen or heard of it. Clark Mills, who designed the monument of Andrew Jackson that stands in the park opposite the White House, was said by some of his scoffing contemporaries, to be a blacksmith and not a sculptor. It can at least be said that, if the monument to Jackson is not a work of art it is a great curiosity, whereas many other monuments both in Washington and other cities are neither artistic nor novel.

To a lover of nature, it is distressing to see a number of fine trees destroyed to make room for a wretched monument. As to the people to whose memory many of these monuments have been erected, we will leave it to Commissioner Ward to state the case, which he does in the following succinct manner:

"Many of our monuments are mediocre and worthless as works of art. Valuable sites have been given to perpetuate the memory of people who had little real claim to such honor. Some portions of the city are literally strewn with monuments and statues that are commonplace and inartistic. The department would welcome any method whereby the city could rid itself of a number of statues and monuments which encumber its parks and open spaces.

"The trouble is that in the past the city authorities have been far too lenient both in accepting monuments which as works of art are appraised far too highly and in giving up valuable sites out of all keeping with the importance of the subject to be immortalized."

We may add that if a man was great enough to have a monument erected to his memory in a public park or place, it should not be an eye-sore, but something in keeping with the measure of his fame.

A. F. F.

Navel Orange Origin.

The Queensland Agricultural Journal states that the navel orange first appeared as a bud sport of the Portuguese variety, Laranja selecta, and was propagated by a Portuguese gardener at Bahia in 1822. There are now about 50,000 trees growing navel oranges at Bahia. The fruit was introduced into the United States in 1873 by William Saunders, horticulturist and landscape gardener at the Patent office. The American consul sent him some of the trees, which he budded on

seedlings grown in the government greenhouses. He sent two to California and the others to Florida; the latter never did well, but the former thrived, and are still living and bearing fruit, all the navel orange trees in California being their progeny. There are about 100,000 acres of the variety in that state, and about 10,000,000 boxes are produced every year. The navel orange can not be grown from seed, as it contains no seed. In California it is generally budded upon stocks from the Mission sweet seedling orange.—London Gardeners' Chronicle.

Hill's Evergreens

BEST FOR OVER HALF A CENTURY

Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists Largest Growers in America
Box 404. DUNDEE, ILL.

Mention the American Florist when writing

For the Best New and Standard

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Peacock Dahlia Farms,

P. O. Berlin, N. J. Williamstown Junc., N. J.

Mention the American Florist when writing.

ROSES, CANNAS Shrubbery

THE CONARD & JONES CO.,
West Grove, Penna.

Mention the American Florist when writing.

PEONIES and IRIS

Write for list.

PETERSON NURSERY

Stock Exchange Building, CHICAGO

Mention the American Florist when writing

OWN ROOT

ROSES

Pot grown
2¼ and 4-in.

Field grown
to pot 5 to 6-in.

THE LEEDLE FLORAL COMPANY
SPRINGFIELD-OHIO

Mention the American Florist when writing

AMARYLLIS
(Hippeastrum)

\$18.00, \$22.00, \$25.00 per 100 Mixed Colors.
Fancy Stock, \$1.00 to \$5.00 Each.

C S. TAIT, BRUNSWICK, GA.



SPECIAL GRADE CALIFORNIA PRIVET

I have over 450,000 of this **SPECIAL GRADE** of California Privet grown by a new method. The illustration shows a fair sample of each size. Note the excellent root system.

Price, 12 to 18 inches - \$ 8.00 per 1000
 " 1½ to 2 feet, - - 10.50 per 1000

Packed free for cash with order. No order accepted for less than 1000 plants.

Also over two millions of California Privet of finest quality, in all sizes, from one to four feet, grown in the usual way. Very attractive prices, especially in carload lots, given upon request.

I have much the largest and best stock of California Privet of any nursery in the world.

J. T. LOVETT, Little Silver, N. J.

Ferns in Flats

In Best Varieties For Fern Dishes.

\$1.50 per 100

100,000 READY NOW

Write for Wholesale Catalogue of
FERNS, KENTIAS, ETC., to

H. PLATH

"THE FERNERIES"

Lawrence and Winnipeg Avenues.
SAN FRANCISCO, CALIF.

Mention the American Florist when writing.

PALMS.

Joseph Heacock Co.,
 Wyncote, Pa.

CHAS. H. TOTTY

MADISON, NEW JERSEY

Wholesale Florist

Chrysanthemum Novelties my Specialty

ORCHIDS

FRANCISCO DELGADO Q.

ORCHID COLLECTOR

Solicits orders for shipments of Orchids.
 Prices quoted upon application.

BOGOTO (Chapinero) COLOMBIA.

Robert Craig Co...

High Class **PALMS**

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

COTTAGE GARDENS NURSERIES, Inc., EUREKA, CALIF.

Largest growers of

Ornamental Nursery and Florist Stock
 IN AMERICA.

-- NOW READY --

PRELIMINARY CATALOGUE containing full descriptions and suggestions for growing **RHODODENDRONS, INDIAN AZALEAS, BOXWOOD, HOLLIES, WINTER-BLOOMING and BERRIED PLANTS** from **AUSTRALIA, JAPAN, ASIA, CHILE and CALIFORNIA**, suitable for use in the Commercial Florist Trade.

Also **NARCISSI, HYACINTHS, TULIPS and PEONIES**

If interested mail us your name and address please.

HILL'S CHOICE LANDSCAPE, DECORATIVE AND FORCING STOCK FOR FLORISTS' TRADE

Boxwoods—Pyramids, Standards, Globes, Bush, Dwarf—one of our leading specialties. Stocked in enormous quantities.

Bay Trees—Standards, Half Standards, Pyramids. We can save you money and give better quality. Let us prove it.

Hardy Tubbed Evergreens—Clipped specimens in Taxus, Thuyas, Juniperus, Abies varieties in Pyramids, Globes and natural-shaped in large assortment.

Araucarias—Best sorts, best values, in both small and large sizes, for immediate effect and growing on.

Forcing Stock—Azaleas, Rhododendrons, Aucubas, Skimmia Japonica, Hydrangeas, Lilacs, Spireas, Magnolias, Japanese Maples, Wistaria Chinensis, Japanese Flowering Cherry, Peonies, Roses, in large assortment, choicest quality, best commercial sorts.

Wholesale price list will be mailed promptly on request.

Landscape Evergreen and Conifers—New, rare and standard varieties. Small, medium and large sizes supplied in perfect specimens, with ball and burlap. Largest and most extensive collection in America.

Window-Box Plants—Hardy Coniferous Evergreens for winter use. All hardy and desirable sorts, best selection, lowest prices. Also Bush Box and Dwarf Edging. This line offers wide-awake florists a grand opportunity to increase their sales and profits.

Deciduous Trees and Shrubs—Our leaders—Norway Maple, American White Elm and Japanese Barberry.

Young Stock for Lining Out—Ornamental Evergreens and Deciduous Trees and Shrub seedlings, rooted cuttings, grafts, etc., in large assortment at very low prices. Annual output, 10,000,000 plants.

Write for information and price today.

THE D. HILL NURSERY COMPANY, INC.

EVERGREEN SPECIALISTS
 LARGEST GROWERS IN AMERICA

Box 404, DUNDEE, ILL.

WHOLESALE GROWERS AND IMPORTERS

Rooted Carnation Cuttings Immediate Delivery.

We are now booking orders for our New Seedling **SUPERB**—\$12.00 per 100; \$100.00 per 1000.

SUPERB is a seedling of *Gloriosa* and *Enchantress*. It has the good stem of *Gloriosa* and the fine growing habit of *Enchantress*. The color is a flesh pink, and it keeps its color at all seasons. The flowers average about three inches, are very full, and generally receive full score on substance. The flowers are all perfect and do not split. In the four years we have grown it, it has proved the best commercial variety, barring none.

AVIATOR If you want Scarlet Carnations for Christmas, grow Aviator. \$6.00 per 100; \$50.00 per 1000.

STANDARD NEW VARIETIES.

WHITE.	Per 100	Per 1000
Matchless	\$2.50	\$20.00
White Enchantress	2.50	20.00
White Wonder	3.00	25.00

DARK PINK	Per 100	Per 1000
Peerless Pink	2.50	20.00
C. W. Ward	2.50	20.00

FLESH PINK.	Per 100	Per 1000
Superb	\$12.00	\$100.00
Enchantress	2.50	20.00
Enchantress Supreme	2.50	20.00
Alice	3.00	25.00

VARIEGATED.	Per 100	Per 1000
Benora	3.00	25.00

RED	Per 100	Per 1000
Aviator	6.00	\$50.00
Beacon	3.00	25.00
Champion	3.00	25.00

MEDIUM PINK.	Per 100	Per 1000
Miss Theo.	6.00	50.00
Mrs. Akehurst	3.00	25.00
Pink Sensation	3.50	30.00

J. D. THOMPSON CARNATION CO.,

Joliet, Ill.

Los Angeles.

BIG CHRISTMAS PREPARATIONS.

Cold weather during the present month has given an impetus to the movement of indoor stock. Poinsettias are going to be very scarce and the same can be said of azaleas, lily of the valley, etc. Sweet peas are now beginning to arrive from the north. A few chrysanthemums are still to be seen on the market. Greens are in plentiful supply. Preparations are being made by all in the trade for a big Christmas business and the stores are nicely decorated for the occasion.

NOTES.

O. C. Saakes is having good business in all departments. In addition to several large orders for Christmas decorations the demand for funeral work has been brisk and the call for cutflowers has held up well.

The Redondo Floral Co. finished one of the busiest weeks of the season. Preparations are all made for the holiday trade and many substantial orders are on the books.

The salesroom of the Broadway Florists is nicely decorated for Christmas and they will have a good variety of stock in both cutflowers and plants.

Howard & Smith are featuring the finest cyclamen plants seen in this city this year, in addition to many novelties for the holiday trade.

Wolfskill Bros. & Morris Goldenson will have a big holiday stock in all lines to offer, among which will be a supply of pot poinsettias.

Seki Bros. & Co. continue to have excellent business. They have a supply of late chrysanthemums to offer as well as good carnations.

C. C. Wooden, formerly with the H. N. Gage Co., has returned to this city and expects to locate here again.

J. W. Wolters has excellent American Beauty and other roses. He reports good trade. G. H. H.

Sewickley Horticultural Society.

The monthly meeting of the Sewickley Horticultural Society was held, December 12, in the Odd Fellows' hall, Broad street, Sewickley. Vice-President R. Boxel in the chair. The secretary reported attending a meeting of the Ladies' Garden Club committee, and gave an account of some new classes added to the schedule of the big June flower show. M. Curran resigned his office of secretary. The new office bearers for 1917 were elected as follows: John Barnet, president; A. E. Bonsey, vice-president; Wm. Thomson, Jr., treasurer; John Carman (care Col. Schoonmaker, Sewickley, Pa.), secretary; executive committee: A. Davidson, Wm. Thomson, Jr., Chas. Patton, R. Boxel and Wm. Gillies. John Barnet

Ferns, Araucarias, Palms, Etc.

Araucaria, 2 to 3 tiers, 5 in., 40c; 3 tiers, 6 in., 50c; 3 to 4 tiers, 6 in., 60c.

Kentia Belmoreana, 4 in., pots, 5 leaves, 15 in. high, 40c each; 5 in. pots, 5 leaves, 18 to 20 in. high, \$1.00 each; 6 in. pots, 5 to 6 leaves, 20 to 24 in. high, \$1.25 each; 6 in. pots, 6 leaves, 24 to 28 in. high, \$1.50 each.

Kentia Forsteriana, 6 in. pots, 5 to 6 leaves, 30 in. high, \$1.50 each; 7 in. pots, 6 leaves, 34 in. high, \$2.00 each; 7 in. pots, to 7 leaves, 36 in. high, \$2.50 each.

Kentia Forsteriana, made up bushy plants, 3 and 4 plants to a tub, 7 in. tubs, 36 in. high, \$3.50 each; 8 in. tubs, 38 to 40 in. high, \$4.50 each; 8 in. tubs, 40 to 44 in. high, \$5.00 each; 9 in. tubs, 54 to 60 in. high, \$8.50 each.

Ferns, Teddy, Jr., extra fine, special prices, quantity—5 in. pots, broad and perfect, 35c each; 6 in. pots, broad and perfect, 50c each.

Boston Ferns fine fresh stock, quantity—5 in. pots, 30c each; 6 in. pots, 50c each.

Adiantum Hybridum, heavy, 4 in. pots, \$16.00 per 100.

Asparagus Sprengeri, bushy field plants, now in 4 in. pots, \$12.00 per 100; 5 in. pots, extra heavy, \$18.00 per 100. (Worth more to cut from.)

THE STORRS & HARRISON CO., Painesville, Ohio

Horticultural Trade Journal

Published weekly. The Largest, Brightest and Best British Trade publication. Also

THE INTERNATIONAL EDITION

Published quarterly. Annual subscription for weekly and quarterly numbers One Dollar. (International money order.) Subscribe today and keep in touch with European markets and topics.

THE HORTICULTURAL PRINTING COMPANY BURNLEY, ENGLAND

and A. E. Bonsey gave an interesting account of their trip to the convention at Washington, D. C., stating the hospitality and arrangements to be all that could be desired, and also that there were prospects of the 1918 convention coming to Pittsburgh. The secretary read his annual report, showing the society to be in a flourishing condition. Owing, probably to the severe weather, the exhibits were very few, and it is to be hoped the members will attend better in future to this interesting part of the proceedings. Twenty-one new members were elected and eight applications filed.

M. CURRAN.

150,000

2 and 2 1/4 in. Geraniums

Ready now. Sand rooted, transplanted to pots. Well established; fully as good as last year's. Liberal extras for early orders.

A. Ricard, Beaute Poitevine, Montmore and Castellane, \$2.50 per 100, \$22.50 per 1,000. S. A. Nutt, John Doyle, Grant, Jean Oberly, Mrs. L. Perkins, Buchner, La Favorite, etc., \$2.25 per 100, \$20.00 per 1,000.

IVY GERANIUMS, 8 varieties; ROSE GERANIUMS, 4 varieties; DOUBLE PETUNIAS, 12 varieties; LANTANAS, 6 varieties; MARGUERITES, White, Yellow and Mrs. Sanders, from 2 1/4-in. pots, \$3.00 per 100, \$25.00 per 1,000.

3-in. CYCLAMEN, assorted, \$8.00 per 100, \$75.00 per 1,000.

4-in. CYCLAMEN, \$20.00 per 100.

5-in. CYCLAMEN, 40 cts. each.

Also abundance of other stock. Correspondence solicited.

ALONZO J. BRYAN

Wholesale Florist, Washington, N. J.

Mention the American Florist when writing.

Ready Reference Section.

10 CENTS PER LINE, NET.



AMARYLLIS.

AMARYLLIS (Hippeastrum). Imported and American seedlings, 9 to 10-in. cir., \$18; 11 to 12-in. cir., \$22 per 100. Tait's seedlings from very choice stock, \$25 per 100; fancy stock, \$1 to \$5 each. C. S. Tait, Brunswick, Georgia.

ARAUCARIAS.

Araucaria, 2 to 3 tiers, 5-in., 40c.; 3 tiers, 6-in., 50c.; 3 to 4 tiers, 6-in., 60c. The Storrs & Harrison Co., Painesville, Ohio.

ASPARAGUS.

Asparagus plumosus Nanus. 2½-in., 75c per doz., \$4.50 per 100; 3-in., \$1.25 per doz., \$8 per 100; 4-in., \$1.75 per doz., \$12.00 per 100. Vaughan's Seed Store, Chicago and New York.

Asparagus plumosus and Sprenger seedlings, \$1.00 per 100; \$8.00 per 1,000. Sprenger, 2-in., \$2.00 per 100, \$18.00 per 1,000. Fine stock. EDWARD W. SCHUSTER, Crookston, Minn.

Asparagus Sprenger Seed, 1917 crop ready now, 75c per 1,000; 5,000 for \$3.00; 10,000 for \$5.00. Write for prices in quantity. HARRY BAILEY, Montebello, Calif.

ASPARAGUS PLUMOSUS NANUS. Heavy, bushy, 3-inch, \$4.50 per 100. Sprenger, 3-inch, \$4.00 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Asparagus Sprenger, bushy field plants, now in 4-in. pots, \$12.00 per 100; 5-in. pots, extra heavy, \$18 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Asparagus Sprenger, 3-in., \$6 per 100; 4-in., \$10 per 100. Plumosus, 2½-in., \$3.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS PLUMOSUS SEEDLINGS, extra strong, \$6.00 per 1,000. VAUGHAN'S GREENHOUSES, Western Springs, Ill.

Asparagus plumosus, fine stock, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

3-in. plumosus, at \$5.00 per 100. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

AZALEAS.

Azaleas for Christmas. Mme. Petrick, Veraneana, Petrick Superba, 75c, \$1, \$1.25, \$1.50, \$2.00, \$2.50, \$3.00, \$4.00, \$5.00, \$7.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Azaleas. W. & T. Smith Co., Geneva, N. Y.

BAY TREES.

Bay trees. New importation from Belgium in prime condition. Both standard and pyramid shaped. For sizes, prices, etc., see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEGONIAS.

BEGONIAS—Immediate Delivery. Per 100 Mrs. J. A. Peterson (new), 2½-in. pots, \$25.00 Per 1,000 200.00 JULIUS ROEHRS CO., Rutherford, N. J.

BEGONIAS.

Begonias. Gloire de Lorraine and Cincinnati, 5-in., 85c each, 3 for \$2.35, \$9 per doz.; 6-in., \$1.25 each, 3 for \$3.50, \$12 per doz. Vaughan's Seed Store, Chicago and New York.

BOXWOOD.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franz, 5319 N. Clark St., Chicago.

Boxwood Sprays, good, clean, glossy, green sprays, 50 lbs., \$7.50; 100 lbs., \$13.50. Pittsburgh Cut Flower Co., Pittsburgh, Pa.

BOXWOODS. PYRAMIDS. Broad, heavy specimens, 2 ft., \$1.90 each; 2½ ft., \$2.00 each; 3 ft., \$2.50 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee, Ill. Write for prices on larger sizes.

BUSH SHAPE, 10-12-in., balled, 30c each; 18-in., balled, 60c each; 30-in., balled, \$1.75 each.

THE D. HILL NURSERY CO., INC. Box 404, Dundee, Ill.

Boxwood, per 50-lb. case, \$7.50; 100 lbs., \$14. Baby boxwood, 50-lb. case, \$6.50. Vaughan's Seed Store, Chicago and New York.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

BULBS.

Bulbs. Dutch Hyacinths, miniatures, named varieties, \$7.50 per 1,000; Chinese Narcissus, per mat (120 bulbs), \$4.80; Spanish Iris, named varieties, 4 separate colors, \$6 per 1,000; Valley, pips, Holland grown, \$20 per 1,000; clumps, \$20 per 100; Spiraea, Hardy Lilies, Lilium Giganteum, L. Formosum and Gladiolus. For varieties, sizes and prices, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs. Japanese Lilies, Longiflorum Giganteum, Lilium Formosum, Lilium Multiflorum. For sizes and prices see advertisement elsewhere in this issue. J. M. Thorburn & Co., 53 Barclay St., New York.

Bulbs. Dutch Doman Hyacinths, single early Tulips and Lilium Giganteum. For varieties and prices see advertisement on front cover page of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Bulb. Lilium Giganteum, 7 to 9-in., and 9 to 10-in., for immediate delivery. Write for prices. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York.

Bulbs. Lilium Formosum and Giganteum, ready now. For sizes and prices see advertisement on front cover page of this issue. Wm. F. Kasting Co., 568-570 Washington Street, Buffalo, N. Y.

Bulbs. Send me 50 cents and I will send you a collection of fine Holland-grown bulbs. M. OSTFELD, 158 East 113th St., New York.

Bulbs, seeds, supplies, etc. Wholesale only. American Bulb Co., 178 N. Wabash Ave., Chicago.

CALLAS.

60 4-in. Godfrey Callas at 10c each; 100 3-in. at 5c each. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

CALENDULAS.

Calendula, Prince of Orange, strong, thrifty plants, \$3.00 per 100. F. WALKER & CO., 312 W. Chestnut St., Louisville, Ky.

CARNATIONS.

CARNATIONS.		
Standard and New Varieties.		
	White.	Per 100 Per 1000
Matchless	\$2.50	\$20.00
White Enchantress	2.50	20.00
White Wonder	3.00	25.00
Flesh Pink.		
Superb	\$12.00	\$100.00
Enchantress	2.50	20.00
Enchantress Supreme	2.50	20.00
Allice	3.00	25.00
Medium Pink.		
Miss Theo	\$6.00	\$50.00
Mrs. Akehurst	3.00	25.00
Pink Sensation	3.50	30.00
Dark Pink.		
Peerless Pink	\$2.50	\$20.00
C. W. Ward	2.50	20.00
Red.		
Aviator	\$6.00	\$50.00
Beacon	3.00	25.00
Champion	3.00	25.00
Variegated.		
Benora	\$3.00	\$25.00
J. D. THOMPSON CARNATION CO., Joliet, Illinois		

We can save you money on STRONG ROOTED CARNATION CUTTINGS For January delivery.

	Per 100	Per 1,000
Light Pink Enchantress	\$2.00	\$14.00
White	2.00	17.50
C. W. Ward	2.00	15.00
Winsor	2.00	14.00
Victory	2.00	15.00
Joy	2.00	15.00
Also a limited supply of		
Nebraska	\$5.00	per hundred
Herald	2.00	per hundred
White Perfection	2.00	per hundred
White Wonder	2.00	per hundred

Place your orders now. J. A. BUDLONG, 184 North Wabash Ave. Chicago.

NANCY CUTTINGS. Well rooted from strictly clean, healthy stock, \$50.00 per 1,000; \$6.00 per 100. Book your orders for January delivery.

"Nancy" is Dorner's new flesh pink carnation, large, perfect flower, long and strong stem, good keeper, good producer, does not split.

SCHROEDER FLORAL CO., West 24th and Pease Sts., Milwaukee, Wis.

Carnation cuttings. Cottage Maid, Merry Christmas, Doris, Rosalia and Old Gold, \$12 per 100, \$100 per 1,000. S. S. Pennock-Meehan Co., 1808-12 Ludlow St., Philadelphia, Pa.

Carnation Superb. Fine new flesh pink. Rooted cuttings, Jan. 1, 1917, delivery, \$10 per 100, \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

Carnations. F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS

CHRYSANTHEMUM STOCK PLANTS. Fine large plants full of cuttings. Price, \$15.00 per 100; \$2.00 per dozen. We dig all our plants from soil. They are not pulled up. Varieties, in white—Early Frost, Crystal Gem, Oconto, White Chieftain, Wm. Turner. In yellow—Golden Queen, Marigold, Yellow October Frost, Mrs. Morgan, Odessa. In pink—McNiece, Wells' Late Pink, Chieftain. Special—Bronze Tekonsha, \$5.00 per doz. BASSETT & WASHBURN, 178 N. Wabash Ave., Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS**ALEX GUTTMAN.**

Chrysanthemum (Dinda), the best early lavender-pink in the market. Blooms have been selling for \$8.00 per dozen since middle of September. Stock plants, 75c each; \$7.50 per dozen. GUTTMAN & RAYNOR, Inc., Wholesale Florists, 101 W. 28th St., New York, or Frank Dinda, Farmingdale, L. I., N. Y.

CHRYSANTHEMUMS. Good commercial varieties, 2 1/4-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

COLEUS "Defiance." It defies any other coleus for commercial purposes. C. Winterlich, Cyclamen Specialist, Defiance, O.

Coleus, Emperor William, 5-in., 25c to 35c each. Poehlmann Bros. Co., Morton Grove, Ill.

CROTONS.

Crotons. A choice selection of fancy sorts. Well colored. 4-in., 60c each, \$5 per doz., \$40 per 100. Vaughan's Seed Store, Chicago and New York.

CYCLAMEN.

CYCLAMEN, strong seedlings, \$4.00 per 100; \$30.00 per 1,000. Transplanted, \$5.00 per 100, \$4.00 per 1,000.

Rococo Erecta, new, finest ever introduced (not to be compared with the old Rococo) to be well recommended for commercial growing. Strong seedlings, \$5.00 per 100, \$40.00 per 1,000. Transplanted, \$6.00 per 100, \$50.00 per 1,000.

ERNEST ROBER,

Wilmette,

Illinois.

DAHLIAS.

My latest novelty, "The Millionaire," \$10.00 per bulb. A light lavender decorative. A monster; a beauty. It's simply wonderful. My new catalogue tells about it.

GEO. L. STILLMAN,

"Dahlia Specialist."

Originator of "World-Known" Dahlias.
Box A-7. Westerly, R. I.

Dahlias. Best new and standard varieties. Peacock Dahlia Farms, Williamstown Junction, N. J.

DAISIES.

BEST FLOWERING DAISIES. Chicago White, special strain, 2 1/4-in., \$5.00 per 100; Etolite D'Or (yellow), 2 1/4-in., \$5.00 per 100. Cash, please. A. E. HUNT & CO., 30 E. Randolph St., Chicago.

Daisies. Mrs. Sander, 2-in., \$3.00 per 100; \$23.00 per 1,000. Edward W. Schuster, Crookston, Minn.

DEUTZIA.

Deutzia Gracilis, pot grown, very bushy plants, now ready. Splendid forcing stock, 6-in., \$2.60 per doz., \$18 per 100; 8-in., \$3.50 per doz., \$25 per 100. Vaughan's Seed Store, Chicago and New York.

DRACAENAS.

Dracaenas. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

DRACAENA INDIVISA. 5-in., 35c. Harry Hehl, West Toledo, O.

Dracaena Indivisa, 2-in., \$2 per 100, \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

FERNS.

Bostons. Grown by us and are the finest in the west. 3-in., \$1.75 per doz., \$12 per 100; 4-in., \$2.50 per doz., \$20 per 100; 5-in., \$5 per doz., \$40 per 100; 6-in., \$8 per doz., \$60 per 100. Vaughan's Seed Store, Chicago and New York.

FERNS.

Ferns, Teddy Jr., extra fine stock, broad and perfect; 5-in., 35c each; 6-in., 50c each. Boston, fine fresh stock; 5-in., 30c each; 6-in., 50c each. The Storrs & Harrison Co., Painesville, Ohio.

Ferns. Scottil, Teddy, Jr., Boston, Neph. Whitmani. For sizes and prices see advertisement elsewhere in this issue. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias, H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns. Nephrolepis Verona. Splendid fronds, stand up well, 2-in., \$3 per 100, \$72 per 1,000; 3-in., \$12 per 100, \$90 per 1,000. P. S. Randolph & Sons, R. D., Verona, Pa.

FERNS. Boston, extra heavy, from 6-inch pots, \$5.00 per dozen. Scottil, very broad, bushy plants, 5-inch pots, \$2.50 per dozen. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

TABLE FERNS, best varieties, fine stock, 2-in., \$3 per 100, \$25 per 1,000; 3-in., \$5 per 100, \$40 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Ferns for all purposes. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Fine Nephrolepis ferns. For varieties and prices see advertisement elsewhere in this issue. F. R. Pierson Co., Tarrytown, N. Y.

GERANIUMS.

Geraniums. Alpha, Ricard, Beauty Poitevine, Jean Vland, Edmond Blanc and Scarlet Bedder, 2-in., \$2 per 100, \$20 per 1,000; 3-in., \$3 per 100, \$30 per 1,000. S. A. Nutt, Gen. Grant, Mad. Buchner, Mad. Recamier, Jean Oberlee, Abbie Schaffer, E. G. Trego, etc., 2-in., \$2 per 100, \$18.50 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums. Well established two and a quarter inch stock. Top cuttings and no hard wood. Varieties: S. A. Nutt, General Grant, Madame Buchner, Gloire De France, \$3.00 per 100, \$25.00 per 1,000. You will appreciate our good packing.

STUPPY FLORAL COMPANY,

St. Joseph

Missouri

Geraniums. S. A. Nutt, 2-in., \$2.00 per 100; \$18.00 per 1,000; rooted cuttings, \$12.00 per 1,000. Also few white cuttings and 2-in. good stock. Cash. W. E. ALLEN, Leominster, Mass.

Geraniums, 100,000 in 2 and 2 1/4-in. pots, in 28 varieties, \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, S. A. Nutt and Buchner, \$13.50 per 1,000; Ricard and Poitevine, \$16 per 1,000. Albert M. Herr, Lancaster, Pa.

GREENS.

Greens. Southern Wild Smilax, \$2.50 per case; holly, \$2.25 per case; fadeless sheet moss, \$3.50 per bag; natural sheet moss, \$1.75 per bag; southern gray moss, \$2.50 per bag; long needle pines, \$1.25 per dozen. Caldwell The Woodsman Co., Evergreen, Ala.

Greens, Southern wild smilax, \$2.50 per case; holly, \$2.25 per case; dyed sheet moss, \$3.50 per bag; natural sheet moss, \$1.75 per bag; long needle pines, \$1.25 per dozen; gray moss, \$2.50 per bag. E. A. Beaven, Evergreen, Ala.

Southern Wild Smilax, \$2.00 per 50-lb. case. Very quick delivery. WINTERGREEN GARDENS, Marion, Ala.

HYDRANGEAS.

Hydrangeas, single stem plants, set with good plump flower buds. For varieties and prices see advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, New York.

HYDRANGEA OTAKSA, 3-in., \$5 per 100. Flowering sizes pot-grown, 25c to 50c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LANTANAS.

LANTANAS, 3-in., yellow and pink, strong plants, \$8 per 100; weeping, 3-in., \$8 per 100; 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pipes. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

MOONVINES.

Moonvines, Parlor Ivy, Cuphea, Petunias, Salvia, Swainsona, Lemon Verbenas, Alternantheras, 2-in., \$2 per 100; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

NURSERY STOCK.

Write for wholesale price list of ornamental nursery stock. MAYWOOD NURSERY CO., Maywood, Ill.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PANSIES.

FOR SALE—Pansies, Vaughan's Giant mixture, Improved German mixture, Paris market; also other varieties in separate colors. Strong plants, Sept. sown, cold frame grown, \$2.50 per 1,000. G. F. ODOR, Iola, Kansas.

PALMS.**PALMS.****KENTIA FORSTERIANA SINGLE PLANTS.**

Leaves		Each
6 inch pots	5-6	28 inches high... \$1.25
6 inch pots	6-7	32-34 inches high... 1.50
6 inch pots	6-7	34-36 inches high... 2.00
8 inch tubs	6-7	40-42 inches high... 3.50
8 inch tubs	6-7	42-46 inches high... 4.00
8 inch tubs	6-7	50 inches high... 5.00
9 inch tubs	6-7	52-56 inches high... 7.00
10 inch tubs	6-7	60 inches high... 8.00
10 inch tubs	6-7	60-65 inches high... 12.00
15 inch tubs	6-7	8 feet high... 40.00
15 inch tubs	6-7	9-10 feet high... 50.00

KENTIA BELMOREANA SINGLE PLANTS.

Leaves		Each
2 1/4 inch pots	4	\$1.50 per doz., \$12 per 100
4 inch pots	5	ins. high Per Doz.
4 inch pots	5-6	16-18 45c each... \$5.00
6 inch pots	5-6	24 each... 1.25
6 inch pots	5-6	28 each... 1.50
8 inch tubs	5-6	42 each... 5.00

Specimen plants, 15 inch tubs, \$75.00 each.

KENTIA FORSTERIANA MADE UP PLANTS.

Plants		Each
6 inch pots	3	26-28 inches high... \$2.00
7 inch tubs	3	30-32 inches high... 2.50
8 inch tubs	3	38 inches high... 4.00
8 inch tubs	4	43-50 inches high... 5.00
9 inch tubs	4	52 inches high... 6.00
10 inch tubs	4	54 inches high... 8.00
12 inch tubs	4	60-64 inches high... 12.00
12 inch tubs	4	68 inches high... 15.00
15 inch tubs	4	6-6 1/2 ft. high, heavy... 25.00
15 inch tubs	4	75-80 inches high... 30.00

ARECA LUTESCENS.

Plants		Each
6 inch pots	4	bushy, 24-26 inches high... \$1.25

ASPIDISTRAS.

5 inch pots	10-12 leaves green	\$1.00
6 inch pots	16-20 leaves green	1.50
5 inch pots	10-12 leaves var.	1.50

POEHLMANN BROS. CO., Illinois.

Morton Grove,

Kentias. Belmoreana and Forsteriana. For sizes and prices see advertisement elsewhere in this issue. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

PALMS.

Kentia Belmoreana, 4-in., 5 leaves, 40c each; 5-in., 5 leaves, \$1.00 each; 6-in., 5 to 6 leaves, \$1.25 each; 6-in., 6 leaves, \$1.50 each. Kentia Forsteriana, 6-in., 5 to 6 leaves, \$1.50; 7-in., 6 leaves, \$2; 7-in., 6 to 7 leaves, \$2.50. Made-up bushy plants, 3 and 4 plants to a tub, 7-in. tub, 36 in. high, \$3.50 each; 8-in. tub, 38 to 40 in. high, \$4.50 each; 8-in. tub, 40 to 44 in. high, \$5 each; 9-in. tub, 54 to 60 in. high, \$8.50 each. The Storrs & Harrison Co., Painesville, Ohio.

LATANIA BARBONICA PALMS. 15-in. tubs, suitable for decorative work, \$5 each. Pandanus Veitchii, 15-in. tubs, \$5 each. HENRY SMITH, Grand Rapids, Mich.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th Sts., Philadelphia, Pa.

Palms. Joseph Heacock Co., Wyncote, Pa.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. HENRY SMITH, Grand Rapids, Mich.

Pandanus Veitchii, 4-in., 35c each; 6-in., 75c to \$1 each; 7-in., \$1.25 each; 9-in., \$2.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

Peppers. Bird's-Eye, bushy plants, 4-in., \$12.00 per 100; \$100.00 per 1,000. Peppers, Celestial, 4-in., \$12.00 per 100; \$100.00 per 1,000. Jerusalem Cherry, 4-in., \$12.00 per 100; \$100.00 per 1,000. PYFER & OLSEM, Wilmette, Ill.

POINSETTIAS.

Poinsettias. The large, handsome red bracts and bright green leaves make a beautiful contrast. 5-in., 75c each, \$8 per doz.; 6-in., \$1 each, \$10 per doz.; 7-in., \$1.50 each, \$15 per doz.; 8-in., \$2 each, \$21 per doz.; 10-in., \$3 each, \$30 per doz. Vaughan's Seed Store, Chicago and New York.

Poinsettias for Christmas flowering, 5-in., 25c; 6-in., 35c; 8-in., 60c; 9-in., 75c. Made-up, 7-in., 75c; 8-in., \$1 and \$1.25; 9-in., \$1.50 and \$2; 10-in., \$2 and \$2.50. The George Wittbold Co., 745 Buckingham Place, Chicago.

PRIMULAS.

PRIMULA MALACOIDES. Extra fine stock, 100 1,000
2-inch\$3.00 \$27.50
2½-inch 4.00 35.00
3-inch 6.00 50.00
PYFER & OLSEM, Wilmette, Ill.

Primula Obconica. Assorted rich colors, 4-in., \$1.50 per doz.; \$12.00 per 100; \$100 per 1,000. The George Wittbold Co., 745 Buckingham Place, Chicago.

PRIMULAS. Obconica, Chinensis and Malacoides, 2-in. pots at \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIVET.

California Privet, special grade, 12 to 18-in., \$3 per 1,000; 1½ to 2 ft., \$10.50 per 1,000. Cash with order. J. T. Lovett, Little Silver, N. J.

ROSES.

Roses. Extra strong, field-grown climbing roses to bloom for Easter; also hybrid perpetual roses. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Selected Forcing Grade Roses, Climbers, extra strong, \$15 per 100; baby roses, \$15 per 100. For varieties see advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, New York.

Roses. Pot-grown, 2½ and 4-in. Field grown, to pot, 5 to 6-in. The Leddie Floral Co., Springfield, O.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10 per 1,000. Asparagus Hatcheri seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seeds. Asparagus Plumosus Nanus, greenhouse grown, 1,000, \$3.50; 10,000, \$32.50. California grown, 1,000, \$2.50; 10,000, \$22.50. Arthur T. Boddington Co., Inc., 128 Chambers St., New York.

Seed. New crop northern greenhouse grown Asparagus plumosus nanus, 50c per 100 seeds; \$1 per 250 seeds; \$3.50 per 1,000 seeds. Vaughan's Seed Store, Chicago and New York.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, contract growers of cucumber, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, contract growers of pepper; egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds. Bean, cucumbers, muskmelon, watermelon, squash and sweet corn. Michigan-grown radish our specialty. S. M. Isbell & Co., Jackson, Mich.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed. Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Piedricktown, N. J.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Peas, beans and sweet corn, Michigan and Iowa grown. Sioux City Seed & Nursery Co., Sioux City, Iowa.

Seeds, specialties: Lettuce, onion, sweet pea, aster, cosmos, mignonette, verbena in variety. Waldo Rohnert, Gilroy, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsley, parsnips, turnips. R. & M. Godineau, Angers, France.

Seeds, large growers and shipper of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds. Beet, sweet corn, garden bean, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seed. Flower and vegetable of every description. Barnard's Seed Store, 231-235 W. Madison St., Chicago.

Seeds. Flower and garden seeds. Sweet Pea and Nasturtium a specialty. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Elliott Sts., Baltimore, Md.

Seeds. Cucumber and Muskmelon. Pure stock, good deliveries and moderate prices. R. H. James, Rocky Ford, Colo.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seed. Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

SEEDS.

Seeds. All the leading kinds for spring and summer planting. James Vick's Sons, Rochester, N. Y.

Seed. High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds. Flower, sweet pea and nasturtiums. The L. D. Waller Seed Co., Guadaloupe, Calif.

Seed. Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seeds, flower, vegetable and farm. Wholesale only. Kelway's, Langport, England.

Seeds. Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seed. For the wholesale trade only. Brazilian Seed Growers' Company, San Jose, Calif.

Seeds. Onion, lettuce, radish, etc. The Kimberlin Seed Co., Santa Clara, Calif.

Seeds. Pea and bean. Alfred J. Brown Seed Co., Grand Rapids, Mich.

Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seeds which succeed. Get quotations from Landreth, Bristol, Pa.

SNAPDRAGONS.

Ramsburg Silver Pink Seedling Snapdragon, Garnet and Nelrose, 2½-in. pots ready for 3-in. or to bench, \$2.50 per 100, \$20.00 per 1,000. Cash.

W. A. BALLOU,
Wholesale Grower.

Wheaton, Illinois.

SNAPDRAGONS, the color of Ophelia rose, beautiful pink yellow, took first prize at the 1915 Cleveland show, topped and branched, 2-in., \$3.00 per 100; \$27.50 per 1,000. C. Winterich, Cyclamen Specialist, Defiance, O.

Snapdragons, Daphne, delicate pink, and Mt. Blanc, white. Two splendid kinds, strong and bushy. Price, 2½-in. pots, \$2.50 per 100. F. WALKER & CO., 312 W. Chestnut St., Louisville, Ky.

STRAWBERRY PLANTS.

Progressive and Superb, \$5.00 per 1,000. Other varieties as low as \$1.50 per 1,000. Catalog free. L. G. Tingle, Box 170, Pittsville, Md.

SWAINSONA.

SWAINSONA, 4-in. pots, fine plants, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

VINCAS.

Vinca variegata, 2-in., \$2 per 100; \$20 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

MISCELLANEOUS.

WANTED, Dormant canna roots, D. Harum, D. of Marlboro, Gladiolus, Hungaria, King Humbert, Loveliness, Mme. Crozy, Pennsylvania, Pillar of Fire, Queen Charlotte, Venus, Wyoming. What have you? Are you in need of anything in exchange? THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Choice landscape, decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., Box 404, Dundee, Ill.

Christmas supplies of all sorts. For special price list see advertisement elsewhere in this issue. Geo. H. Angermueller, 1324 Pine St., St. Louis, Mo.

Glass cloth. A transparent waterproof fabric for all forcing purposes. Sample, 3x6 feet, 50c prepaid. Turner Bros., Bladen, Nebraska.

Boiler flues, cleaned and trimmed. Stuttle's clamps and elbows to join flues. H. Munson, 1353 N. Clark St., Chicago.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

MISCELLANEOUS.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Japanese miniature gardens, fern dishes, vases, flower pots, jardinières, etc. Nippon Garden, Inc., 259 Fifth Ave., New York.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Nursery stock of all descriptions. Catalogues and price lists free on application. The Storrs & Harrison Co., Painesville, O.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Catalogues. Large runs our specialty. Write for prices. Regan Printing House, 503 Plymouth Place, Chicago.

Baskets of every description. Write for catalogue. Raedlein Basket Co., 713 Milwaukee Ave., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 1302-1308 West Division street, Chicago.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Boilers of high grade for greenhouses. Write for catalogues. Giblin & Co., Utica, N. Y.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Blooming plants or anything in soft wooded plants. Geo. A. Kuhl, Pekin, Ill.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Hail storm insurance. John G. Esler, Saddle River, N. J.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 95 Chambers St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Glass, large stock and good prices. Sharp, Partridge & Co., Chicago.

Wired toothpicks. 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Greenhouse boilers. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

Everything the best in florists' supplies. H. Bayersdorfer & Co., 1127 Arch St., Philadelphia.

The greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

GREENHOUSE INSURANCE.

Cyclone and hail insurance; also insurance on growing crops while in the fields. The American Mutual Cyclone and Hail Insurance Co., Muncie, Ind.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1000 Masonic Temple, Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 908 Blackhawk St., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Pecky Cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction and equipment. King Construction Co., North Tonawanda, N. Y.

INSECTICIDES.

Nicotine. The Grasse Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scalline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nikoteen, excellent for spraying. Aphs Punk for fumigating. Nicotine Mfg. Co., St. Louis.

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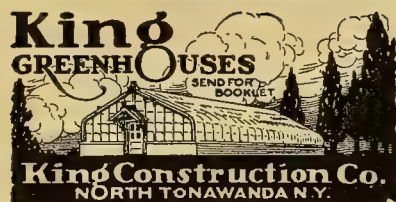
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Edward Sceery was drawn on the September grand jury of Passaic county, and was but recently discharged, the grand jury's labors having extended over a period of two months. At the adjournment Foreman Sceery was presented with a handsome fur overcoat, by his colleagues. He has also been recently elected a director of the Southside Trust Co. of Paterson.

The Paterson merchants who deal in holiday goods, say that Christmas buying has already begun. The florists report excellent Thanksgiving business and are looking forward to a great Christmas trade.

Arthur I. Vescelius, who has a neat store on Broadway, reports good Thanksgiving business. He is a constant buyer in the New York market.

William Thurston has a good store at 89 Van Houten street, and we found him very busy.

A. F. F.

Massachusetts Agricultural College.

J. N. Keeler, of Hitchings & Company, gave an illustrated lecture on "Greenhouse Construction" before the M. A. C. Florists' & Gardeners' Club, December 7.

Professor and Mrs. A. H. Nehrling will spend the Christmas holidays in the middle west.

Professor C. I. Lewis, of Oregon Agricultural College, visited the department of horticulture the past week.

C. E. Wildon is to be with G. H. Sinclair at his Holyoke store over the holidays.

LOUISVILLE, KY. — George Schulz, president of the Jacob Schulz Co., is prominently identified with a movement to organize an association of retail florists in this city.

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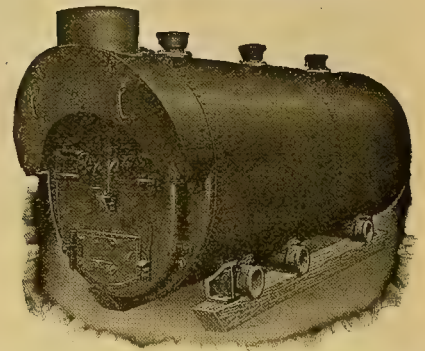
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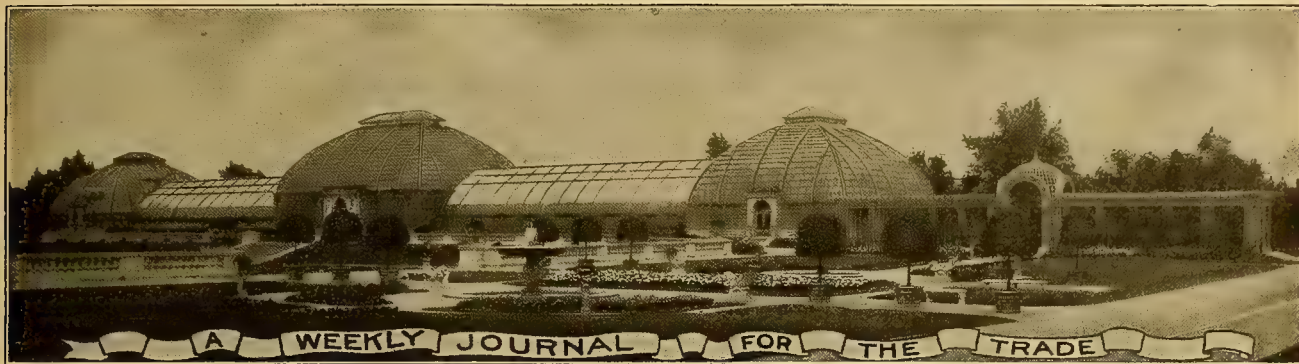
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Vol. XLVII.

CHICAGO AND NEW YORK, DECEMBER 30, 1916.

No. 1491

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—DANIEL MACROBIE, San Francisco, Calif., President; ROBERT C. KERR, Houston, Tex., Vice-President; JOHN YOUNG, 53 West Twenty-eighth Street, New York, Secretary; J. J. HESS, Omaha, Neb., Treasurer.

OFFICERS ELECT—R. C. KERR, Houston, Tex., President; A. L. MILLER, Brooklyn, N. Y., Vice-President; JOHN YOUNG, New York, Secretary; J. J. HESS, Omaha, Neb., Treasurer. Next annual convention at New York, August 21-24, 1917.

Fifth National Flower Show.

The Fifth National Flower Show and the Thirty-fourth convention of the Society of American Florists will be held at St. Louis, Mo., April 6-15, 1918.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at Indianapolis, Ind., January 31-February 1, 1917; J. F. AMMANN, Edwardsville, Ill., President; W. J. VESEY, Jr., Ft. Wayne, Ind., Vice-President; A. F. J. BAUR, Thirty-eighth Street and Rockwood Ave., Indianapolis, Ind., Secretary.

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Annual convention and exhibition at Cleveland, O., November 1917. WM. VERT, Port Washington, N. Y., President; C. W. JOHNSON, 2134 W. 110th Street, Chicago, Secretary.

AMERICAN GLADIOLUS SOCIETY.

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THE AUTO DELIVERY CAR.

A Great Asset of Incalculable Value in Up-to-Date Delivery Service.

Fast Superseding Horse-Drawn Vehicles.

Within the past three years, the automobile has played "hob" with the florists' horses. Automobile delivery cars have been in more or less general use with the trade for a much longer time, but fully half of those now in use have arrived since 1913, when men with one put on another and where two were in use something larger has been tried out. The trial car was generally the Ford, which worked very well when it was not overworked, but when the 800 pound limit was piled up to 1000, often 1200 pounds and then jumped along over rough roads, there was trouble and the poor overloaded car almost invariably got the blame. Good cars and careful driving mean a great deal to the life of a car.

"Tom" Potts of the Stokes greenhouses at Moorestown, N. J., drives 13 miles to Philadelphia every week day, frequently making two trips. The distance covered for the day averages from 40 to 60 miles and sometimes more, nearly always starting with a double deck load of plants. This Ford car has seen six years of service and Mr. Potts says it is still apparently as good as ever. There are a hundred or more of these light cars in use among the growers and retailers of Philadelphia alone.

M. J. Callahan, 3924 West Market street, has two Ford cars; one was laid up, and while being repaired he hired a horse for his old wagon. The two or three days comparison between the wagon and the car soon convinced Mr. Callahan that there was nothing to it but the car. The car would go and come, and go and come, but the wagon, out once, it seemed would never return. Instances were given, where on account of the speed of the car, he had been pulled out of trouble in delayed deliveries, which would never have been possible with the wagon. It is the same story everywhere. Yes, they cost more, but they do more and are the cheapest; any-

how he would not go back to the horse, —it is too slow for these times.

Victor Ridenour, of Ridge avenue, says a car is "worth its weight in gold when you need it." He has a Ford and an Overland and finds them both good. The Bell Telephone Co., of Philadelphia, he is told, can run their 137 Fords at an average of five cents a mile, but the best he can do is six to seven cents and then some for repairs. As an advertisement he says the car shows a man to be up to date, but the wagon puts him into the back number class.

John Culp, of Germantown road, says the Ford is the poor man's car. He has had one two years and could not possibly do without it. Wm. Berger's Sons, of Germantown, have an Autocar and a Studebaker and have found both of these to be of great use in their business, it being impossible to get along without them. Emil Geschick, of the Pelham Greenhouses, bought one Ford and found the car so useful that the next year he secured another and finds them to be of the greatest advantage.

John C. Gracey is one of the pioneers, being almost the first to use a gasoline car. His large mahogany, side-entrance bodied car or truck, is one of the features of the florists' fleet to be seen about the wholesale district in the early morning. The Stanley steamer, White and Fords have been seen in his garage, which at all times houses three cars.

The Vim, a "simon pure" delivery vehicle of medium price, is finding favor with many of the trade. It is supposed to carry 1,000 pounds with ease, is heavier in all its parts than a Ford, with a longer wheel base. It is made in Philadelphia and must be making good as the orders are always ahead of the supply, although the facilities of the company have been greatly increase, their present factory having a floor space of 700,000 square feet and they expect to turn out 25,000 cars the coming year.

George Craig banks on his Autocar; it is always ready for the most severe test. He also has a Ford to do the light work and finds them both very satisfactory.

H. H. Battles has two Autocars, probably the handsomest delivery and best appointed cars in the city. One is painted red, the other blue. He has had them several years and no one can show better service from any cars, than these have given him. another Autocar, making three, is now in his garage. Three Fords, one or two of which take care of the deliveries of the Century Flower Shop, his other store, proved to be much more economical than the horses and wagons they superseded.

Robert Crawford, 233 Eleventh street, who was the first to see the light, has the distinction of running the first florists' delivery car in this city, an electric, which, expensive at the time, was not entirely practical, and never satisfactory. Now his service boasts of an Autocar and a Ford and he would not be without either.

The Robt. Craig Co. has two large Autocar trucks and are getting a Ford. W. K. Harris' large White truck has long been a feature on the street. It is always ready and with "big Ed" at the wheel, does the work of two double teams and possibly more.

The Leo Niessen Co. has four Fords and one General Motor Co. truck for their Philadelphia store and one Ford each for their branches in Baltimore and Washington. Their invariable rule is to run a car two years and then trade it in or sell it to the best advantage elsewhere. A Ford after two years of such hard service as they give theirs, can be sold for at least \$150, which makes their cost about \$300, or three dollars a week for the two years. Their experience is that all cars after two years' service, are apt to require frequent repairs, the total expense of which is greater than to take the first loss and replace the old car with a new one, which can be depended on in the many emergencies and demands for the best service of the busy days. No doubt a man who owns a car and runs it himself, carefully attending, to the first indications of trouble, will get much more out of it than they do. The cars are kept on the go all day and every day with nearly always a load waiting for each as they return. They average 50 to 60 miles a day. As compared to the old horses and wagons and delivery boy service their advantage is mountain high.

The S. S. Pennock-Meehan Co.'s delivery equipment has in the past consisted of Fords, Autocars, Vims and Dodge cars and they have had varied experiences. All have given service. The Autocar truck, on account of its size, has to do the heavy work and has been found very dependable. The lighter cars have been especially useful in their package and long distance city deliveries.

Frank Ross was also one of the pioneers. His first Ford gave four years of good service; his last, only six months. Buick and Vim cars have also served him well. His statement that the first year's service reduces the value of the car 50 per cent is startling, but he says it is true. He judges the expense of his cars by the mileage they make. He has been able to run a Ford as low as six and one-half cents per mile including depre-

ciation and all charges, except the wages of a chauffeur, and the heaviest Buick at eight and one-fourth to nine cents. He believes the heavier cars as cheap as the lighter ones, if there is work enough to keep them busy. It does not pay to keep a car in the garage and the driver pottering about at some "kill time" job, as the car only makes or saves money for its owner when it is busy.

There are many florists, growers and retailers, whose business requires but one car, who have turned their stable into a garage and taking care of the car themselves as they did "old Dobbin," soon get to know its every need. To such men, a car is a great asset, as it will cost but little more and will render two or three times as much service as the horse and wagon will give and in emergencies where even minutes count it is of incalculable value.

Horticulture Advancing in Netherlands.

Horticulture has made notable progress in the Amsterdam district during recent years. This is especially true of the northern provinces. Ten years ago, in Groningen, only here and there could a hothouse be seen, but now in practically every village of that province one may see fruit and vegetables growing under glass. This has particular importance because certain varieties which are grown in the open in the southern provinces will not mature in the northern excepting under warm shelter. The development of large nurseries is also an innovation in some parts of Groningen and Friesland, and they are constantly increasing in number.

A great stimulus to horticulture has been the increased price of garden products since the war began. Tender vegetables, like tomatoes, beans, and cucumbers, which can not be grown successfully in the north except under glass, are now sold there at prices higher by 100 to 300 per cent than before the war. Cabbages and other outdoor vegetables sell at similarly advanced prices. Fruits have increased in price—not in so great a degree as vegetables, but sufficiently to stimulate production.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

IN THE Chicago shops there were quantities of whitened material used in the make-up of the still life Christmas basket. Cones, thistles, burrs, ruscus, lycopodium and grasses which had been whitened and in many cases silvered were used in contrast with the green ruscus, red berries, artificial poinsettias, boxwood, pine and other material. The bronzed and silvered cones and magnolia leaves were also worked into wreaths with good effect. A miniature wreath of mistletoe made up of broken pieces offered by Schiller's stores was an acceptable novelty.

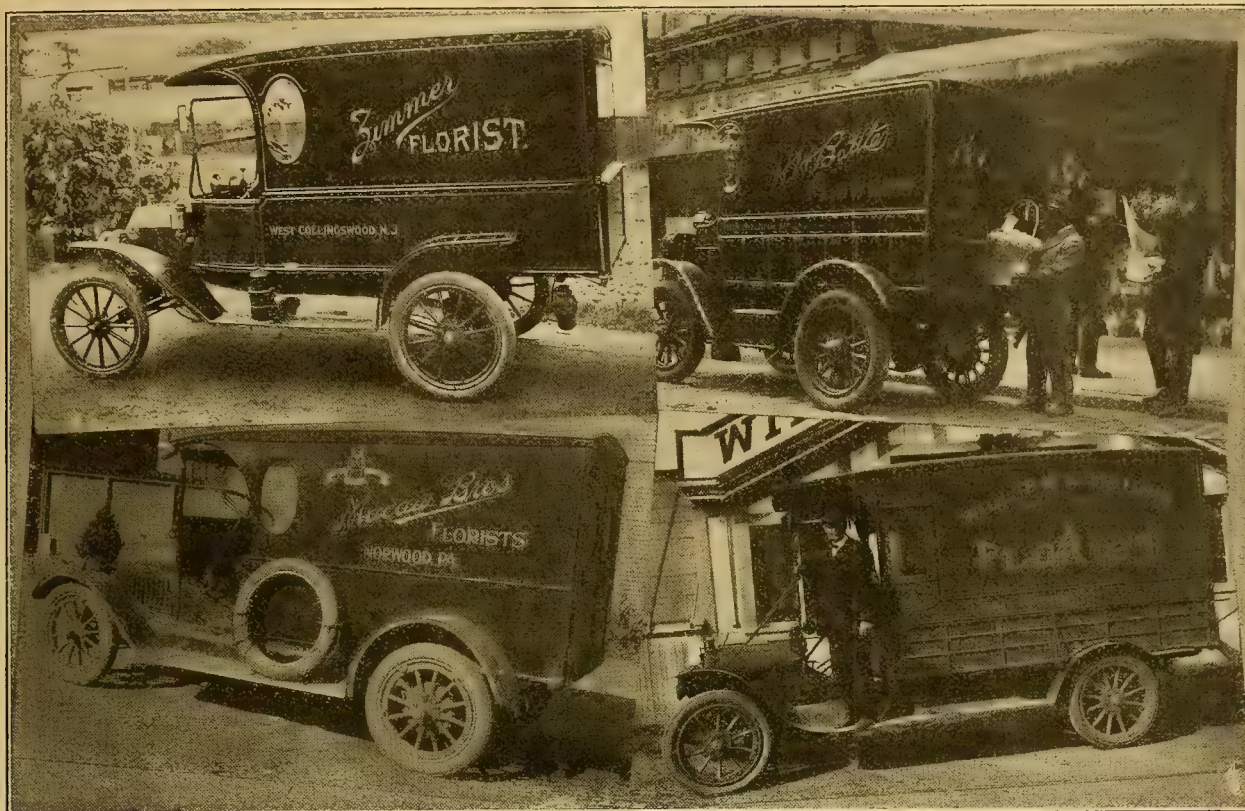
Chicago Flower Shops at Christmas.

At Chas. A. Samuelson's, 2134 South Michigan avenue, quality was the keynote. This beautiful store was heavily stocked with the best of everything in Christmas plants. Cyclamens were especially fine, as were also the poinsettias. Many made-up baskets, a number filled with either pink and red, with a choice pot of white cyclamen as contrast, and the inevitable bow of ribbon were very inviting. Nearly all the plants, large and small, were given a touch of color by a ribbon or chiffon bow. Several large well filled plant boxes and jardinières on stands were features. Araucarias with numerous small red bows on each of the branches looked very gay and Christmassy. The conservatory in the rear was filled with similar stock. Wreaths of all kinds were a feature; box with berries, prepared oak foliage with large silvered, bronze and whitened cones. Similar decorations on magnolia wreaths were all very striking. Preparedness had certainly been the watchword here.

W. J. Smyth, at Thirty-first street and Michigan avenue, has a very light store, with windows the full length on both streets. Dainty baskets of pink primulas and ferns with rainbow ribbon bows were conspicuous. Very good poinsettias in pots, pans and made up baskets made a brilliant



CHRISTMAS DISPLAY OF J. F. KIDWELL CO., CHICAGO.—Partial View.



SOME PHILADELPHIA DELIVERY AUTOS.

table and small baskets of whitened material, cones, ground pine; ruscus, etc., looked very salable. Well flowered cyclamens were a feature. A grotto and fountain of Michigan cave stone was an effective window decoration. Business was booming, many out-of-town orders coming in by the F. T. D., of which association Mr. Smyth was the first secretary.

At the commodious greenhouses of the J. F. Kidwell Co., at 3530 South Michigan avenue, there was a good display of cyclamens, poinsettias, begonias and made up baskets of assorted Christmas plants. Slender double ribboned arches over some of the plants, with a large bow at the top, were effective. Festooned Japanese frieze looked well in the show windows.

John Muir's store and greenhouse at 4647 Grand boulevard were well stocked with all the popular holiday plants. Made up plant baskets with ribbon adornments looked very salable. Features in the well furnished store were glass shelves, the same size as the tops, under all marble topped show tables. These are about one foot from the floor, making a good place for bric-a-brac and small pottery, fern dishes, etc. A center, latticed, hanging shelf, one foot wide and about 40 feet in length, in four sections, fitted together to make a hollow square, had a woven galvanized wire bottom. This was suspended from the ceiling about seven feet from the floor. It was filled with fancy baskets which made a good showing and were very accessible. Business had been very good here.

Friedman, 516 South Michigan avenue, has one of the most beautiful stores in the city. It was stocked with the choice of the grower's offerings,

exceptionally well flowered poinsettias, cyclamens, heathers, etc. Many well made and quite elaborate plant baskets, with bows of ribbon, were given good positions. Baskets of silvered and bronzed cones, colored grasses, cattails, and other like material were very showy. Truly a bonton shop.

The windows of the George Wienhoeber store at 41 South Wabash avenue were carpeted with green sheet moss. The large bulk on Wabash avenue was filled with foliage plant baskets, in which well colored crotons were a feature. Extra sized heather were conspicuous. The stock carried was all high class. Large plant baskets of crotons, cyclamens, poinsettias and other Christmas plants, with their red ribbon decorations, were very stunning. A wonderful line of baskets, some very large, made of plain and colored grasses, silvered, bronzed and whitened cones, red ruscus, Florida moss and other similar materials, the handles covered with red or green Japanese chenille, made a great showing and were selling rapidly. A pretty conceit was a quite small basket of orchids with a bunch of hothouse grapes. A small bottle of perfume was included; very artistic—price \$35 and sold. A full line of azaleas, cyclamens, begonias, poinsettias and other plants, were seen in large sizes.

The stock of Schiller, The Florist, 36 South Wabash avenue, was full of all kinds of Christmas plants in medium sizes, each decorated with ribbon bow, all plants in pot covers, baskets or finished with crepe paper. There was great activity here, business reported the best ever. At their West Madison street store there was a complete stock in endless variety, very well displayed. Everything bore a large price label. Plants of a

kind were mostly kept together so that selection was easy. On a long side table were sections filled with balls of Japanese frieze in all colors, bunches of ruscus, mistletoe sprays, bunches of holly, etc., all priced, which system greatly expedited sales in the rush time of the last days. A miniature mistletoe wreath was selling fast; this was made of the small broken bunches that are usually lost. With its bow of ribbon, it would be a feature anywhere. The greenhouses in the rear were full of flowering and foliage plants. Geo. Asmus was in charge here. It was certainly a very live place although zero weather. Electric fans in the windows kept frost from the glass and one at the door, the floor dry.

H. N. Bruns, 3034 West Madison street, was taxed to the utmost with his lily of the valley and holiday store trade. Here, right in the city, lily of the valley is forced by the 100,000 and more at a time. A large force was engaged in cutting and picking this Christmas crop. In the store was a good stock of holiday plants.

The force at C. Frauenfelder's, 3343 West Madison street, was at full speed trying to keep up with the holiday demand. A feature here in all plants sold, was that the tag was attached to a tall stick which, standing well above the plants, made selection very easy. The windows were filled with choice plants and made up baskets.

Fleishman Floral Co., 84 East Jackson boulevard, had the stock to back up their one page newspaper advertisements. Made up plant baskets were seen in variety, mostly of good size, filled with the popular Christmas plants and given exclusive touches with ribbons, bird sticks, butterflies, etc. There were many handsome

specimen blooming cyclamens, azaleas, and poinsettias. A window of araucarias with their numerous red bows was attractive. A feature was the selling tags; one of green indicated there was plenty more in stock. Much of the stock had a tag with printed duplicate numbers, one of which when removed and stuck on the sales slip, uncovered the word "Sold," in red. A combination basket of candy and flower vase was a good seller. The case was filled with the highest grade roses. Manager Graham reported a splendid business in plants and a great sale of cut flowers.

The Alpha Floral Co., 146 South Wabash avenue, featured azaleas, having splendid specimens, very well flowered. Poinsettias and cyclamens were important stocks. Wreaths and baskets of dried material and artificial flowers decorated the windows. A lively business was experienced.

A very busy shop was that of A. Lange, 25 East Madison street. Every available inch of space was occupied with popular Christmas plants, made up plant baskets, wreaths, baskets of greens, berries, artificial flowers, etc. There was not room for the throngs of buyers that were coming in all the time. Additional spaces on upper floors were used as work rooms. Mr. Lange certainly knows how to attract the lovers of flowers.

A splendid Christmas stock was displayed at the store of Mangel & Co., 17 East Monroe street. Plant baskets, specimen plants of quality, all bedecked with appropriate ribbons, handsome wreaths of box, magnolia, and oakleaves were much in evidence. Business was quite up to expectations.

On the north side, the George Wittbold Co.'s new store and conservatories contained a splendid stock of holiday plants and flowers. Two tall pyramids in one of the conservatories, surmounted by cibotiums, contained baskets, low boxes and jardinières filled with all sorts of foliage and flowering plants. All single specimens had the pots covered with crepe or mats or were in fancy covers. A great business was done here.

With its adjoining greenhouses, the handsome store and curved roof conservatory of the Ernst Wienhoeber Floral Co., 22 East Elm street, is especially adapted to handle a holiday business. Handsomely arranged plant baskets, choice specimen plants, and made up Christmas baskets and plateaus of soft fir tree foliage, boxwood, red ruscus, grasses, branches of red berries and colored cones, thistles and burrs, were very invitingly displayed. The conservatory was as handsome as any flower show, filled with high grade stock that would win prizes anywhere. Appropriate ribbons were used to give color effects. A record breaking business was the report.

The Central Floral Co. had all it could do to handle the Christmas rush at its North State street store notwithstanding the fact several extra men were added to the regular force. Plants and cut flowers sold well but the heaviest demand was for made-up baskets of winter berries, boxwood and other decorative materials. This store has one of the best locations in the city and made one of the grandest showings.

The Briggs Floral Co. had a splendid Christmas trade at both its West Madison street and Sheridan road stores and featured both cut flowers

and plants. The force was kept on the jump until the last minute and worked overtime many nights so that all the orders could be properly taken care of.

Christmas Plants in New York Stores.

Though most of the greenhouse ericas, heathers, or heaths descended from Cape of Good Hope ancestry, it is a sentiment with most of us, that whatever the variety, it is the Scotchman's flower. In her poem on "A Sprig of Heath," Ann Grant expressed that sentiment:

"Flower of his heart! thy fragrance mild,

Of peace and freedom seems to breathe,

To pluck thy blossoms in the wild.

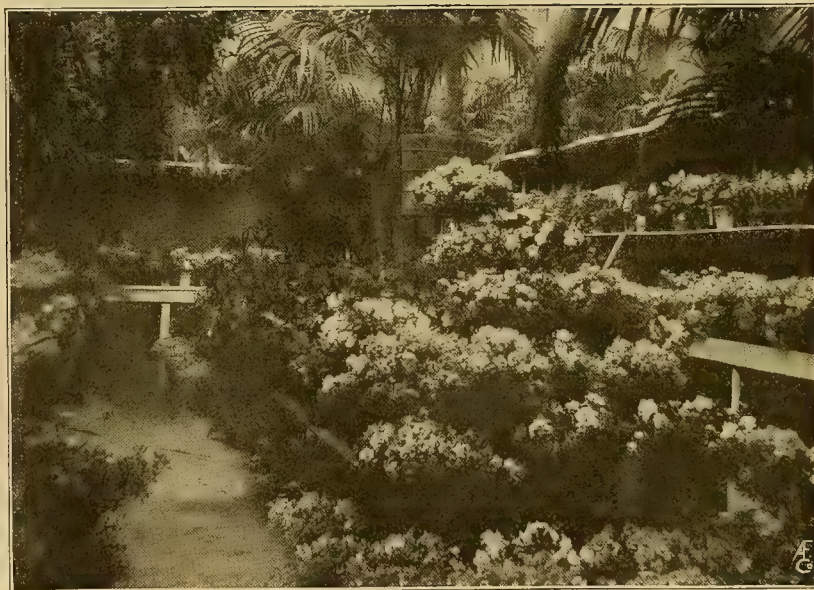
And deck his bonnet with the wreath,

Where dwelt of old his rustic sires,

Is all his simple wish requires."

And, writing of Christmas heath or heather, we may quote extracts from an article by William Watson, then of Kew Gardens, published in *Garden and Forest* in 1892. Writing of *Erica hyemalis* he said: "It may be said with truth that no other plant is grown in such enormous quantities for the London market." He further states that a plant in a 5-inch pot, with about 15 shoots a foot high, and loaded with perhaps 1,000 flowers, sold for about 36 cents. *Erica melanthera* is our Christmas variety, but one would be fortunate to secure such a plant as above described for five times that amount. In all the large retail stores the heather was a leading attraction, both as single plants and in combinations. Plants four feet high and cor-

tias, which is a literal error, as the flowers of the poinsettias are insignificant; its bright red leaves being its glory. The poinsettias were never finer, and they were offered in sizes of pans and pots that should have been acceptable to both fat and lean pocketbooks. The smaller plants were freely used in combination. Although there was considerable anxiety among growers last fall, on account of delay and tardy arrivals of azaleas, many were in good flower for Christmas. As holiday plants, their attractiveness and popularity do not wane. The Otahite oranges were handsome features, much well fruited and ripened stock being noticed. Though strictly speaking, they are not novelties, an element of novelty is attached to them. A few camellias and daphnes were seen. Of the camellias, we judge that it was too early for many to be in flower, and it is doubtful if many of the daphnes are grown in this vicinity. There was fine stock of cyclamens, many being large and well flowered. As at Thanksgiving, Begonia Mrs. Peterson was much in evidence, their chief attraction being in hanging baskets, in the show windows. There was a good exhibit of the berried plants, though good ardisias were rather scarce. Aucubas, solanums, celestial peppers, and good plants of imported holly were noticed. The solanums were plentiful and well fruited. It was late, or early, whichever way you may put it, for spring blossoms, but a few crab apples were seen. In foliage plants there were excellent exhibits. The crotons, in variety, were plentiful, and many of them were used with fine effect in



CHRISTMAS CONSERVATORY AT CHAS. A. SAMUELSON'S, CHICAGO.

respondingly branched, were not unusual, neither was \$25 and \$30 an unusual price. As to the ribbon decorations which every retailer lavishes on large plants, tastes varied. There are now ribbons to match every flower and occasionally a shade is used that does not match; but that is another story. Red and pink ribbon was largely used on the heathers, but plants were noticed that were decorated with plaid ribbon. We sometimes speak of well flowered poinset-

combination hampers and baskets. Marantas, adiantums and other varieties of the ferns were also used in the same way. One of the poets, in describing a dull witted fellow, gave us this:

"A primrose by the river's brim,
A yellow primrose was to him,
And it was nothing more."

But the poet was not writing about our modern greenhouse primroses. Good primroses were noticed, and as a modestly attractive and reasonably

priced plant, the primrose should always have a place. Various features were noticed, which if not strictly in the plant line, were related. A number of retailers had large stocks of Christmas trees. At one retail store a specialty was numbers of small trees two to four feet in height, gaily decorated with the red winter berries;

of crotons was another feature. Marantas and Anthurium Scherzerianum were also noticed. The stock of heathers, begonias, poinsettias and azaleas was very fine.

G. E. M. Stumpp, Fifth avenue and 58th street displayed a fine stock of all the best varieties of plants. For the holidays, he has taken a second

heite oranges, aucubas, poinsettias and crotons. The combination baskets and hampers were particularly fine.

Hanft Brothers, Madison avenue and 62nd street, had many good features in plants and plant combinations, heathers, poinsettias, azaleas, solanums and cyclamens being noteworthy.

Myer, Madison avenue and 58th street, always makes a specialty of Christmas trees, but they by no means overshadowed his stock of plants, which was very fine.

David Clarke's Sons, Broadway and 75th street, who have an exceptionally large store, had it well filled at the beginning of the Christmas business, with a great stock of the finest of plants. Their heathers, poinsettias, and particularly their cyclamens, were exceptionally good.

At the store of the Drakos Co., Broadway and 116th street, an exceptionally fine stock of azaleas were noticed. Camellias, poinsettias, bougainvilleas, and many fine basket combinations were also seen at this store.

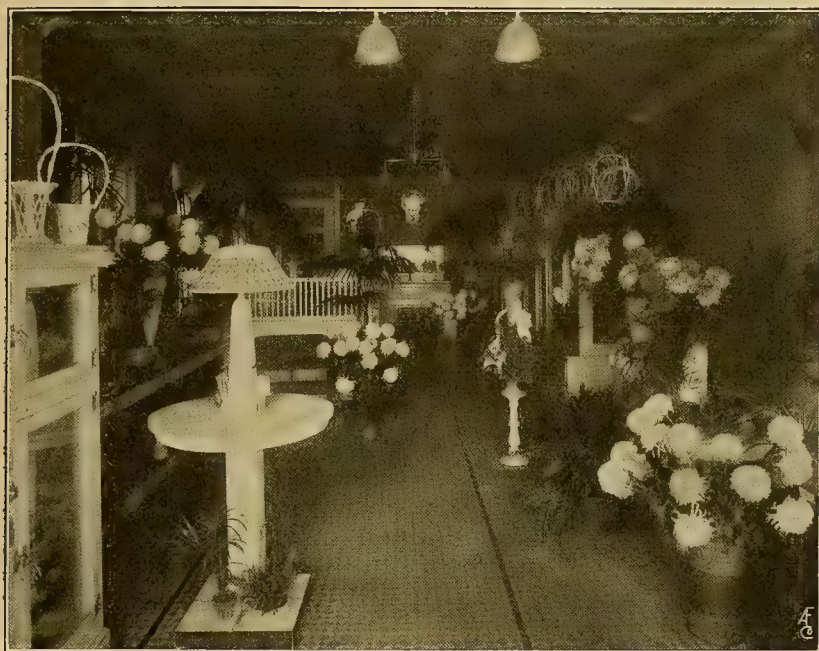
Young & Nugent, the retailers of West 28th street, had an exceptionally fine stock of azaleas and poinsettias, with other good features.

Christatos & Koster, 717 Madison avenue, had an excellent window display of hanging baskets of Begonia Mrs. Peterson, and carried a good stock throughout.

The window display at Galvin's, Fifth avenue and 46th street, was very attractive, being entirely of Otaheite oranges, with profuse decorations of yellow ribbon. Good cattleyas and other plants were also in stock.

Wernz & Koehne, Fifth avenue and 13th street, cater to the artist colony of Washington Square. They had a fine stock of plants, including many pleasing features in combinations.

Charles H. Brown, 2366 Broadway, always keeps a fine store and his star is particularly brilliant at Christmas. His trade calls for fine stock and for this season he was finely prepared.



LEMON'S FLOWER SHOP, RICHMOND, IND.—See Page 1286.

and they sold well. Hanging balls of boxwood, decorated with immortelles, were pleasing features.

NOTES.

At the store of C. A. Dards, Madison avenue and 44th street, an exceptionally fine stock of heathers, poinsettias, azaleas, cyclamens, Otaheite oranges and a variety of foliage plants were noticed.

Hession, Madison avenue and 76th street, had a great stock of the finest of plants. In orchids, both cattleyas and cypripediums were featured. Imported holly, crab apples, heathers, cyclamens and begonias were all very noteworthy.

At the new and large store of J. H. Small & Sons, there is ample space for display and it was utilized with fine effect, even to the skylights. Garlands of laurel roping, hanging baskets of plants and red bells made a decoration worthy of a Christmas festival. This firm has long been noted for their fine boxwood and red berried wreaths, and there were many of them, they being displayed on the front of the store facing the street. They had their usual display of fine plants, many of which were grown in their own greenhouses at Washington, D. C.; noteworthy, arranged around the rim of the fountain, was a particularly fine exhibit of celestial peppers. Over the entrance to the fountain there was a hanging of velvet on which wreaths were deftly arranged. Their heathers, azaleas, poinsettias and foliage plants were of fine quality.

Alexander McConnell, Fifth avenue and 49th street, had as usual, a grand display of the finest plants. The best camellias anywhere noticed were at this store. A remarkably fine exhibit

store, where his great stock of novelties in Egyptian and other vases, goldfish globes, flower bowls and many other features were handsomely arranged. We found Mrs. Stumpp presiding at this store.

Henry Hart, 1000 Madison avenue, had a splendid stock of heather, Ota-



A NORTH DAKOTA FLOWER STORE.—See Page 1286.

Smedley Floral Co., Fargo, N. D.

If Max Schling, 22 West 59th street, is not busy preparing for Christmas he is sure to be busy at something else, as activity, so to speak, is his other name. He is always well stocked with holiday plants and his Christmas stock was up to its usual high standard.

J. G. Leikens, Madison avenue and 55th street, who, we have sometimes had occasion to note, has in Mrs. Leikens a very clever partner, had, as usual, a good stock of all the best in plants.

Fred. H. Lemon & Co., Richmond.

In cities and towns considerably removed from the large business centers, florists find it most profitable to grow their own supply, or as much of it as possible. In the smaller towns, the flowers are sold at the greenhouses, but as the population increases, it is often found advisable to open a store in the central retail district to better serve the trade, many would-be customers not having the time or caring to go out to the greenhouses for trivial purchases. Fred H. Lemon built up a very good business at his greenhouses on the outskirts of Richmond, Ind., but felt finally that by establishing a store in town he could divide his forces, and by running each with a separate organization give his customers better service and also increase the efficiency at the greenhouses.

The store, conveniently located on Main street, in the heart of the retail district, is nicely fitted up with refrigerator, flower case, shelving for baskets, jardiniers and other necessary supplies. There are also cases for ribbons and choice pieces of bric-a-brac. A round card stand or table, with an electric light surmounted with a large shade above the center, is a feature. All work is made up in a rear room, just off the store. There is a large show window to which much attention is given. One of "Henry C.'s" indispensable cars is an important factor in the delivery service.

At the greenhouses, about a mile away, there is found a stock, considering its varied character, that is in very good condition for the season as to quality and forwardness. Several houses of carnations were producing splendid flowers. Enchantress, pink and white; Mrs. Ward, Beacon, Enchantress Supreme and White Wonder are the varieties. All young plants are raised from stock grown for the purpose. After filling the houses, a table is planted with varieties as desired in a cool house and from these cuttings are taken; when enough are rooted the old stock is thrown out and the young plants take their place. On the borders of some of the carnation tables are forget-me-nots, which Mr. Lemon said he had in last season at Christmas. He has perfected this strain by selection and feels sure he will soon have stock that can be depended on to always come by that time. Godfrey callas, in pots close together, along a sweet pea bed, are soon to be distributed about the houses to fill in any waste spaces in an effort to make every foot of room count. These callas are found much freer than the California varieties, averaging about 15 flowers from two bulbs in an eight-inch pot.

A table of poinsettias, planted out, is full of medium sized flowers. These stock plants are set out early; two crops of cuttings are taken and the

plants then trained or made to carry two and three shoots, which produce good medium-sized flowers, just suited for his trade. A batch of late struck cuttings in two-inch pots for stock plants were on their side under a table.

A number of the houses here were erected by E. G. Hill in 1889 and are still in fair condition. A large modern Lord & Burnham rose house is filled with Ophelia and the Killarneys, all planted on ground beds about a foot high, with 4-inch tile crosswise of the beds, the open ends being exposed. Mr. Lemon finds this bed can be watered without danger in dull weather and that one month or more is added to the efficiency of the plants in late spring and summer, the roots going down between the tile deep into the cool ground.

Schizanthus, he has found, a most valuable cut flower in its season. Strong young plants are being potted up to follow the chrysanthemums. Larkspur is another good early spring flower; clumps potted and kept in frames outside are brought in January 1 and brought slowly along. Cut first in March, they are very fine at Easter. A table of solanums for the holidays were in fine shape. A dwarf sort with large berries looked quite distinct and valuable. Calendula Orange King and selections of his own to perfect a large single with black center, which sold well, filled a table.

Mr. Lemon, in speaking of ways to extend the business said the F. T. D. had been a great help, both in encouraging long distance orders when his trade learned how it was possible and in the same service in his city and territory for other members. He thought that many did not get the ad-

lieve the strain of the rush days later. He finds it works out very well. The kind of advertising he finds most effective, is short, carefully worded announcements of specific items. A comparatively small ad, with only one thing in it, boldly set, will be read almost unconsciously by innumerable people who do not read advertisements.

Smedley Floral Co., Fargo, N. D.

The Smedley Floral Co., Fargo, N. D., the interior of whose retail store at 69 Broadway, that city, is shown in the illustration herewith, one of the best equipped establishments of its kind in the state, was opened December 1, 1908, by T. D. Smedley, under the name of the Fargo Floral Co., and was incorporated under the name of the Smedley Floral Co., December 1, 1915. The company also maintains a large range of glass one mile from the salesroom, fresh stock being delivered daily by auto, and in order to keep abreast of the ever increasing demand, 10 acres of land have been recently purchased one mile from the city, upon which will be erected an additional range consisting of five houses, each 27x200 feet. The company has 500 live agencies, located at points within shipping distance, and much credit is due T. D. Smedley for the splendid growth of the business in so short a time, which he attributes to stock of high quality, reasonable prices, prompt service and courteous treatment. He is assisted by Charles F. Edgar, formerly of Boston, Mass., as store manager and Oscar Nelson, the latter in charge of the greenhouse department.



CHRISTMAS PLANTS AT THE J. F. KIDWELL CO.'S, CHICAGO.

vantageous returns possible because they failed to push it with their customers. He felt that if every member would do his share of missionary work, much greater benefits would result to all.

He used the local papers whenever it was decided to announce week-end or other specials, particularly when flowers were plentiful. At holiday times, he advertises lower prices, but only for advance orders, to try and re-

Ivies in the Store.

Hardy ivies are quite popular as house plants; they can be trailed up over window frames, are good for hanging baskets, for trained specimens in fan or pyramid shapes and are also effective as an ornament for the vestibule. Short, bushy two-inch pot stock are much used for filling fern dishes for the dinner table. A line of ivy plants should be in every florist's stock.

WITH THE GROWERS

Samuel J. Pearce, Chicago.

There is not a grower of bulbous stock but would be much benefited by a visit to the establishment of Samuel J. Pearce, located at Fifty-seventh and Higgins avenue, Chicago. His greenhouse plant of 50,000 feet of glass, in the center of an eight acre tract, is a model range, consisting of 16

wide, the bulbs being set almost touching in furrows just below the surface; as they grow the ridges of earth are filled in. This light covering encourages the bulb to start quicker. When the soil is leveled in, it soon becomes filled with roots from the stem. Cold storage bulbs do not come up well if planted too deep. Shading cloth, in yard width, over the beds, about four feet high, runs the length of the houses; this is to encourage longer stems. The stock cut here av-

and other like stock is stored after being potted, or planted in flats. The pots are placed around the house on shelves, with the flats piled to eighteen tiers in height in the center, with sticks between to give a couple of inches of air space. As many as 500,000 bulbs are stored here at one time. The temperature keeps the bulbs from making anything but the necessary root growth. Another large enclosure, called the night room, as dark as pitch, is kept at a forcing temperature, where tulips and other bulbs when well rooted, are placed, and brought along in quantities as desired. When the stems have reached the right height they are placed out in the light shed, which has a large skylight in the roof and abundant windows, where the bleached foliage is colored and hardened, and the buds attain full size. This method of culture makes one independent of the weather; there is no damage from frozen tops or broken pots and other injuries so liable to stock grown outside. The length of stem is also secured without forcing it through a lot of covering material.

The third crop is bedding plants, over 100,000 of which are grown into four-inch pot size. Fifty thousand of these are geraniums; cannas, about 15,000, and a large block of salvias. Variegated vincas are another specialty. Several houses are planted with geraniums for stock, cuttings of which will soon be taken. Another crop will follow later. This is all managed so as to be in as forward condition as possible to fill the tables after Easter. Two thousand five hundred Baby Rambler roses, just received from France, furnished stock for late spring and Memorial day sales.

In speaking about forcing lilies, Mr. Pearce recommends that they be given as much rest as possible before potting; it is a mistake to put them in at once on arrival—they will grow much better if thoroughly ripened before being placed in the soil, and should be well rooted before plant growth is encouraged. He has found a temperature of 60 degrees the best for his houses.

Lilies are all cut when in bud, carrying much better in this condition. Over night in water, before delivery,



LILIES FOR EASTER, (16,000) AT SAM PEARCE'S, CHICAGO, DECEMBER, 22, 1916.

houses in two blocks, built on the ridge and furrow plan, 12 in one section and four in another. They are 125 feet in length with a width of from 16 to 25 feet. All are of Moninger construction, heated with two 50-inch sectional boilers, and a centrifugal circulator from the same company. The system is hot water. All the houses open into the service building, or shed, a commodious, well lighted structure, 25x230 feet. A door at the end of each walk makes a convenient access to each section.

Lilium giganteum is grown the year round, all seven to nine inch bulbs; always in quantity, except at peony, chrysanthemum and gladiolus seasons. *Formosum* does not appeal to Mr. Pearce, as he has to wait too long to get the full crop. Smaller bulbs than seven by nine are not strong enough to force satisfactorily. He keeps table space in use all the time, one crop following another in quick succession.

Chrysanthemums, poinsettias and bedding plants are grown in connection with the bulbous stock, three full crops being taken from each house during the year. About 60,000 lilies are forced; 16,000 of these have been planted following chrysanthemums as the several varieties were cut out. They are of this fall's importation, that were put in cold storage immediately on arrival, which helps to ripen them; these will be cutting before March. None of the stock being brought on for Easter is benched or potted until after December 15, giving the bulbs as much time to rest and ripen as possible. Five-inch pots are used for the Easter stock, which is kept under tables and follows the poinsettias, being placed on the benches after Jan. 1. The bulbs for cut flowers are planted in rows six inches apart across a table, four feet, ten inches

erages from 24 to 30 inch stems, although a number are 36-inch. Many cut stems carry three, four and five flowers, but Mr. Pearce says the average to a bulb, in cold storage stock, is only two, as some do not start.

Benches of French Golden Spur, not so heavy, but earlier than the Holland stock, will be in for the holidays. The first were cut December 15. Paper whites are planted on tables as thickly as the bulbs will permit—the crop was fine. The florets of the sprays are allowed to get at least four-fifths open before cutting.

The bulb rooms are a feature. The cold section is 22 by 120 feet where the tulips, daffodils, narcissi, hyacinths



BULB HOUSE AT SAM PEARCE'S, CHICAGO.

Narcissus Paper White and *Giganteum* Lilies.

is the practice when possible. In delivering pot Easter lilies, they are packed in the car, laid down; there is not nearly the danger from bruising as when standing. In his large car he can pack four tiers of plants by this method.

"Sam" Pearce, as the Chicago boys like to call him, is a careful and practical grower—always on the job. He has had failures, but has learned by these costly experiences how to avoid them. He believes it best to specialize, find out how to do a thing well, and then grow it in quantity, when its quality will command the top price.

Madsen & Christensen, Woodridge, N. J.

To be exact, the full names of the members of this firm are Christian Madsen and Knud Christensen, and as these names indicate, they were reared

"Far in the northern land
By the wild Baltic's strand."

To stick to accuracy, they are Danes, than which there is not a more industrious and law-abiding people on the face of the earth. But it is with the activities of Madsen & Christensen as florists in this country that we now have to do.

They bought a small range at Woodridge in 1905 and have since greatly added to it, having now about 40,000 square feet of glass. Their specialty is daisies grown in pots, of which they have an immense stock, ranging from 2-inch up to 14-inch pots, the greater part probably being in from 6-inch to 12-inch pots. They have also a few plants grown to standards, about four feet high.

Probably there are florists who consider the marguerite an old-fashioned and lowly flower, but as grown by these men, it is remarkably fine. From the first spring flower show that has been held in New York to the last one, they have taken first prizes for their daisies; also prizes for genistas. In the last named plants they are also very strong, having a large stock and many grown to standards. Another very noteworthy feature is their stock of thousands of plants of celestial peppers, which even now are showing fine color. Other noteworthy stocks are poinsettias, myrtles, hydrangeas, azaleas, wallflowers and begonias.

Practically all of their stock is sold in New York. Both members of the firm are popular members of the New York Florists' Club, Mr. Madsen having been nominated as one of the trustees at the last meeting. A. F. F.

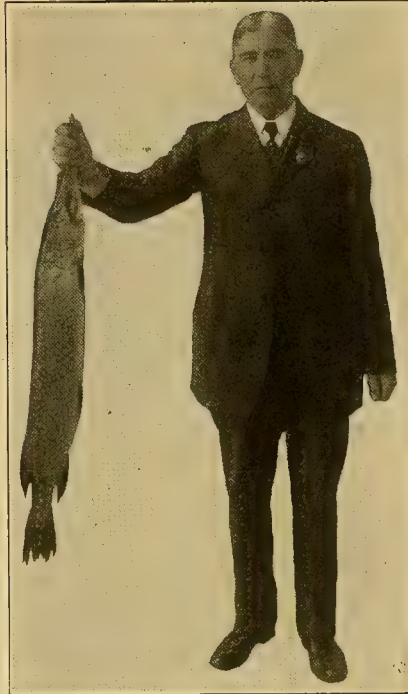
Frisz, Apt Angler.

When Phil J. Foley, genial president of the Foley Greenhouse Manufacturing Co., Chicago, invites his friends to go fishing with him at Lake Geneva, Wis., a pastime that he thoroughly enjoys, he leads the way to where the "big ones" are to be found and almost invariably brings home indisputable evidence of his prowess. The accompanying illustration, an echo of the meeting of the Vegetable Growers' Association of America at Chicago, September 26-29, 1916, shows one of the big ones caught by John Frisz of Vincennes, Ind., who accompanied Mr. Foley on an expedition and qualified as a member of the Isaak Walton fraternity. The photograph, of which Mr. Frisz is very proud, was taken upon his return to Vincennes with his prize.

FLORISTS' PALMS.

Palm Houses After the Holidays.

As the holiday season passes by, there are some vacant spaces to be utilized in the palm houses, for the gifts of that season, as well as its festivities, demand a considerable number of palms, and at the same time a great variety of sizes, from those in 2-inch and 3-inch pots that are used by thousands as centers for fern dishes, up to specimens 10 feet in height that are used in fine decorations.



John Frisz and a Lake Geneva Beauty.
One of the Big Ones in His Catch, While a Guest of Phil Foley at the Wisconsin Resort.

In the fern dishes the first favorites are Cocos Weddeliana and Kentia Belmoreana, both of which are supplied in stock and well furnished young plants about a year old, and in order to grow plants of this type, it is necessary to give them sufficient space to develop.

For the best results next Christmas, it is not too early to plan now, giving the seedling stock some of the space that has been cleared by this season's business, and selecting a place where the plants will get both light and heat enough for a continued growth inasmuch as the season will permit.

It will be understood that the latter remark does not signify that unlimited heat may be applied to the young palms at this season, but rather that a regular temperature should be maintained at night of 60° to 65° for the young stock, with a rise of 15° to 20° with the help of the sun during the day. Such an atmosphere will allow of free syringing every bright day, and on this to some extent will depend the retardation of the various crops of noxious insects that are always to be expected in warm greenhouses.

The damping down of dry corners and under the steam pipes, with the

hose, will also be beneficial as the artificial heat is increased, for these dry corners form fine breeding-places for thrips and red spiders, both of which will do much injury in a short time in a house that is not carefully watered.

It has long been contended by some growers that foliage plants in general would be encouraged in growth during the winter season by having the water supply heated to a reasonable degree, for example, to about the same temperature as the house in which it is used, and after a man has syringed a few houses with water at about 40 degrees, as sometimes happens with a city supply, and he finds his fingers gradually becoming numb with the cold water, he is very likely to become a convert to the warm water theory. But apart from the greater comfort of working with water at 65° to 70°, there is no question but that such a watering will be less liable to check the root action of tender plants, and will thus tend to encourage a longer season of growth.

We recognize the fact that palms in general have a season of partial rest, during which the leaf growth makes little or no progress, this period varying to some extent with the weather, or rather the average temperature of the season, but usually extending in the eastern United States from about December 15 to February 15. During that period the plants are not greatly benefited by repotting, unless it may be some young stock that is much starved, and only a small shift should be given those, else the soil may become soured before the roots take possession of it.

Shading is not required at this time, the full sunshine being much more beneficial, and helping the texture of the foliage and the habit of the plants, but owing to the fact that the average greenhouse is almost sure to have more or less of defective glass in its roof, one has to watch the weather conditions during the latter part of February in order to get a light shade on the roofs before any damage is done to the tender foliage.

Kentia and cocos continue to be the palms for the million, so to speak, the first named probably selling in the proportion of at least ten to one of any other species, and anyone venturing to stock any palms for the retail trade in a new locality cannot go far wrong in trying these two species, bearing in mind the fact that the kentia will stand a somewhat lower temperature than the cocos, and that neither of them will enjoy getting dry at the roots. In fact, it is a wise precaution for the retail dealer to impress on his customers the need of thorough watering of the well-rooted kentias he may sell them, but at the same time instructing them that stagnant water in the bottom of a jardiniere is responsible for some of the troubles they may meet with.

A satisfied customer is very likely to induce several friends to experiment with plants, and the spread of horticultural knowledge is what brings customers to the florist, so a little patience in listening to and diagnosing the troubles of some amateur plantsman, will often bring a very satisfactory return. And if scale insects appear, soap solutions applied with a sponge or soft cloth, are the safest remedies to recommend for domestic use; almost any good soap dissolved in water in the proportion of ½ ounce of the soap to one gallon of water may be safely used. W. H. TAPLIN.

Cincinnati.

EXCELLENT CHRISTMAS DEMAND.

Christmas business was excellent. Many more flowers might have been utilized had they been on hand in time. Many of the shipments into this city from the east and south were from 24 to 36 hours late and came in after the heavy Christmas buying was over. Some of the shipments were frozen. Roses are in a good supply. The receipts include some excellent offerings. Some splendid American Beauties are coming into the wholesale houses. Poinsettia receipts are excellent. Easter lilies are plentiful. The supply of Paper White narcissus is sufficient to take care of present wants for this bloom. Stevia is in excellent supply. Violets, sweet peas, lily of the valley and orchids may be had. Other offerings include snapdragons, callas and rubrum lilies.

NOTES.

P. J. Olinger had a nice cut of red roses and his new red carnation, Radium, for his holiday trade.

The Wm. Murphy Co. reports the Christmas business as the best they have ever had for that day.

L. H. Kyrk had choice stock in roses, poinsettias and stevia for his Christmas business.

Gus Adrian and J. T. Conger both had excellent lots of azaleas for Christmas.

Cincinnati Cut Flower Exchange had an excellent lot of choice poinsettias.

H.

Railway Gardening Association.

At the tenth annual meeting of the Railway Gardening Association, which was held at New Orleans, La., Atlantic City, N. J., was selected as the 1917 meeting place and the following officers elected for the ensuing year: J. S. Butterfield, Mo. P. & I. M. R. R. St. Louis, Mo., president; C. W. Eichling, Q. & C. R. R., New Orleans, La.; John Gipner, M. C. R. R., Niles, Mich.; E. Englemann, P. R. R., Altoona, Pa.; J. E. Smith, P. R. R., Ridley Park, Pa., vice-presidents; J. K. Wingert, C. V. R. R., Chambersburg, Pa., treasurer; Chas. E. Lowe, Pa. Lines West, 215 Jarvella street, N. S., Pittsburgh, Pa., secretary.

The following committees were appointed:

Hedges—P. W. Vail, W. P. Hutchison and Jos. Corson.

Plants—E. V. Wostenholme, C. W. Eichling and John Gipner.

Soils—J. K. Wingert, I. T. Worthley and R. E. Lee.

Insects and diseases—E. Englemann, E. P. A. Reinsch and E. A. Richardson.

Tools and equipment—P. Foy, W. J. Strong and A. V. Smith.

Lawns and banks—J. E. Byrnes, J. E. Smith and A. J. Bauer.

CHARLES E. LOWE, Sec'y.

The Late Asa L. Brown.

Asa L. Brown, often called "Daisy" Brown by his intimate friends, who for over 30 years has been a grower at Kearny, near Newark, New Jersey, passed away December 21, aged 68 years. He had been a grower of plants and cut flowers, shipping the latter to the New York market, where he was well known and highly respected. His funeral was held on December 24. He is survived by a widow and one son, Walter L. Brown, who will continue the business.

A. F. F.

WESTERLY, R. I.—George L. Stillman's new dahlia, "The Millionaire," which has been a center of interest at recent exhibitions, was the subject of an interesting illustrated article in the Westerly Sun of December 18.

Wholesale Plant Prices at New York December 15, 1916.

FOLIAGE PLANTS.

Variety.	Size.	Height	Each.	Dozen.
Araucaria Excelsa	4	3 tiers	\$.50	\$4.80
"	5½	3 to 4 tiers	\$0.50 to .75	6.00 to 9.00
"	6	4 tiers	.75 to 1.00	9.00
"	7	5 tiers	1.00 to 2.50	....
"	8	.....	2.00	....
Areca Lutescens	4	.....	.50	(Held to grow on)
"	5	.....	.75	....
"	6	.....	1.00	6.00 to 9.00
"	7	.....	1.50	....
"	8	12 in.	2.00 to 2.50	....
"	9	bushy	3.00 to 5.00	....
Asparagus Plumosus	2½	.....	.03	....
"	3	.....	.05	....
"	4	.....	.....	....
"	5	.....	.....	....
"	6	.....	.35 to .50	....
Cocos Weddelliana	2½	.....	.15	2.00
"	5	.....	1.50	....
"	7	.....	2.00	....
Crotons	4	.....	.35	....
"	5	.....	.50	....
"	6	.....	1.00 to 2.00	12.00 to 24.00
Cycas Revoluta	4	.....	20.00 up	(usually to grow on)
Dracaena Fragrans	4	.....	.25	....
"	5	.....	.75 to 1.00	....
"	6	.....	1.00 to 1.50	....
"	8	.....	2.00 to 3.00	....
"	10	.....	5.00 to 7.50	....
"	Massangeana	5	.75	....
"	6	.....	1.50	....
"	7	.....	2.50 to 3.00	....
"	8	.....	4.00 to 5.00	....
"	Terminalis	6	1.00 to 1.25	....
"	Godseffiana	4	.35	....
"	Sanderiana	3	.25	....
"	Lindenii	6	1.50	....
"	Gracillis for centers	3	.10	1.00
Fern Balls (ready Christmas)	.....	.....	.75	....
Ferns for dishes	2½	.....	.04	....
"	3½	.....	.08 to .10	....
"	4	.....	.12 to .15	....
Cyrtomium Falcatum	.....	.....	.12 to 2.50	....
Ficus Elastica	5	.....	.50	....
"	6	.....	.75	....
"	branched	.....	1.50 to 3.00	....
"	branched	.....	3.00 to 4.00	....
"	branched	.....	4.00 to 5.00	....
"	branched	.....	2.50 to 3.00	....
Ficus Pandurata	7	.....	.10 to .12½	....
Kentia Belmoreana, for centers	2½	.....	.35	....
"	4	12 to 15 in.	.50 to .75	....
"	5	15 to 18 in.	1.00 to 1.50	....
"	6	18 to 22 in.	1.00 to 1.50	....
"	7	21 to 26 in.	2.50 to 3.00	....
"	8	28 to 30 in.	3.00 to 3.50	....
"	8	32 to 34 in.	4.00 to 6.00	....
"	8	34 to 36 in.	.35	....
Kentia Forsteriana	4	.....	.50 to .75	....
"	5	.....	.75 to 1.25	....
"	6	.....	1.50 to 2.00	....
"	made-up	7	2.50 to 4.00	....
"	8	.....	5.00 to 8.00	....
"	9	.....	7.00 to 12.50	....
"	10	.....	.25 to .35	....
Nephrolepis Bostoniensis	4	.....	.50 to .75	6.00
"	6	.....	1.00	....
"	7	.....	1.25 to 2.00	....
"	8	.....	2.00 to 4.00	....
"	10	.....	.25	....
Nephrolepis Scottii	4	.....	.50	6.00
"	6	.....	1.00	....
"	7	.....	1.00	12.00
"	8	.....	2.00 to 3.00	....
"	specimen	12	6.00	....
"	specimen	14	1.00	....
Nephrolepis Superbissima	6	.....	5.00	....
"	10	.....	.50 to .75	....
Nephrolepis Whitmani	6	.....	1.00 to 2.00	....
"	8	.....	2.00 to 3.00	....
"	10	.....	1.00 to 1.50	scarce
Pandanus Utilis	7	.....	.35 to .50	6.00
Pandanus Veitchii	4	.....	1.00 to 1.50	12.00
"	6	.....	3.00 to 5.00	....
"	8	.....	.50	....
Phoenix Robelenii	4	.....	1.00	....
"	5	.....	1.50	....
"	6	.....	2.00 to 2.50	....
"	7	.....	3.00 to 5.00	....
"	8	.....	5.00 to 6.00	....
"	8-10	.....	.50	....
Livistona Rotundifolia	4	.....	.75 scarce	....
"	5	.....	1.00 scarce	....
"	6	.....	.....	....

FLOWERING PLANTS.

	Each
Aucubas, Berried	\$2.00 to \$5.00
Ardisias	1.00 to 5.00
Azaleas	.75c to \$4.00; specimens, \$5.00, \$7.50, \$10; pyramids 3.50 to 10.00
Camellias	1.00 to 5.00
Cyclamens	.25c, 35c, 2.00 to 3.50
Ericas	1.50 to 6.00
Poinsettias, Single	.25 to .50
"	Pans, with ferns 1.00 to 4.00
Primulas	.15 to .35
Skimmia japonica	1.00 to 3.00
Solanums (Jerusalem Cherries)	.35 to 1.00
Begonias, Gloire de Lorraine	.15 to 3.00
Begonias, Glory of Cincinnati	.15 to 3.00
Mrs. F. Peterson	.35 to 7.50
O. Oranges	1.00 to 7.50

Prices given are for this date only, for A No. 1 stock, delivered in pots at New York stores.

A. F. F.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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WE take great pleasure in wishing all our patrons happiness and prosperity during 1917.

IT IS believed the next meeting of the executive committee of the Society of American Florists will be held at New York, during the flower show in that city, March 15-22.

WE are in receipt of the first preliminary programme of the Fifth National Flower Show, to be held at St. Louis, Mo., April 6-15, 1918. Copies may be had on application to Secretary John Young, 53 West Twenty-eighth street, New York.

MANY hardy plants, trees and shrubs, frozen solid on receipt, if not unpacked but allowed to thaw out in an even temperature of about 40-42 degrees, will be found to have suffered but little damage. Unpacking frozen stock in a warm room is fatal.

THE early crop of complaints of frozen plants and cut flowers was a big one and still they come. Except for Saturday and Sunday both growers and retailers were in a bad fix for making deliveries. It will be a long fight to collect from the express companies.

Now for 1917.

Now is the time of resolution—the time to plan for the coming year, the time to put one's foot down with the avowed determination that he will or he will not, as the case may be.

Before we turn over the new leaf, let us look at the old. Are we satisfied with the record; if not, in what respects have we failed? The men of our acquaintance, who make more or less of a success of life, and who are honored by their fellows, are those who make the most of their God-given talents. It is this power to make the best use of his natural ability that stamps the man.

As we scan last year's pages, the many lost opportunities stand out and humble us to the dust. We failed here and there because of our unreadiness, because we did not do our best. We were too faint-hearted; we lost enthusiasm, the most vital of all our energies. The secret of success is—do it the best you know how, stick to your work, concentrate on the essentials, resolve to make the most of each new day, to plan that the coming week will be better in results than the last, that the months, as they roll by, shall be filled with comforting and not regrettable memories.

Turn over the new leaf, and resolve that every day in this new year of promise and opportunity, shall be a new day, when with our spirits high and work planned to be done the best we know how, it will be a well spent day to be added to those gone before, all helping to make this our most successful year.

Christmas in Black and White.

Each recurring holiday season brings its experiences; its triumphs and as well the more or less failures. No matter how much one knows about the business, there is always something to be learned. Each day brings in new situations, which at the rush of the holiday business, are constantly arising and calling for instant decision. Now that the Christmas trade is over, a careful resume should be made and the results written down, so that the mistakes of the past will not occur next year. Each important feature from the commencement of the stock buying, to the inventory of the unsold, should be gone into minutely; the stock that sold best, that which was most profitable, the new things, if any, how they "took." Did plants sell well? From whom did the best come? Were the plant baskets right? Would other colors have been better? Was there anything new in wreaths that sold well? How about the extra help and deliveries; was there delay here? All these and dozens of other questions will make very interesting reading when next season's Christmas business is being laid out.

This record should be made at once, while the details are still fresh in mind. Dates are very necessary, particularly in ordering plant stock. "When are you coming out to look us over?" Often gets a short answer on a busy day; the trip is postponed. Other busy days come and finally the stock, when seen, is nearly all set aside, marked sold. Telegrams from out of town sources bring replies, "only smaller sizes left," and the business is greatly handicapped in consequence. Next season's perusal of this record brings forcibly to mind

the necessity of early ordering and first instead of last selections are pretty certain to be made.

Clippings of the advertisements used for this season, as well as the circulars, invitations and all such literature, should be filed with the other records. All efforts in making wreaths, mossing frames, stemming artificial flowers, grasses and the like, during the dull months of summer, should also be noted. This record making is an old story to many, but comparatively few take the trouble, little as it is, to have this season's business down in black and white, as a guide when next year's busy times comes along.

Pot Shortage.

ED. AMERICAN FLORIST:

I noticed an article in the New York newsletter of THE AMERICAN FLORIST of December 2, page 1064, which states the pot situation is causing men to be laid off on account of shortage of pots. There is a shortage, but let's be fair and place the blame where it belongs. I know there are potteries enough throughout the country, each well equipped with sufficient kilns and machinery to make plenty of pots, if men could be obtained to run them. There has been, and are still, many dollars worth of idle machinery because of "labor" and on labor alone, I place the principal reason for the shortage. The advance in wages has been met each time, and no doubt will have to be met again soon. The total number of pots used is no greater than in former years, nor is the demand larger but long delayed shipments make it appear so, and one good reason for delay is the freight embargoes placed upon the eastern cities by the railroad companies.

The grower must understand that during all last spring and summer, the potter was fighting for him, while running with depleted labor force, trying to get the additional labor necessary to make up the stock of pots needed for this fall trade and that he is still trying hard to fill his fall orders and making stock for the winter and spring trade, hoping to have enough for all hands when needed, and as far as the Whilldin Pottery Company is concerned we are now working to full capacity and gradually catching up with our fall orders. Our trouble at present is "freight embargo."

Whilldin Pottery Company,
J. G. Whilldin, Pres.

Christmas Trade.

Reports received from various centers indicate a highly satisfactory Christmas trade, in many instances the most prosperous for a considerable period. Stock generally was of excellent quality, but many items were short of requirements. The trade prepared for a record-breaking business in plant sales and in nearly every case an early clean-up at good prices resulted. Much more stock could have been disposed of had it been available. Made-up baskets were more popular than ever. Poinsettias, cyclamens and azaleas, the latter limited in supply, were the favorites in the plant section. Roses led in cut blooms, with a good demand for nearly everything offered. Prices were better on the average than a year ago. In some localities cold weather damaged shipments, but local deliveries were made without difficulty on the whole.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Expert gardener seeks engagement on first-class estate. All references, life experience. Pacific coast preferred.
Key 727, care American Florist.

Situation Wanted—As working foreman on big commercial place growing roses and carnations; life-long experience and scientific practice; can handle men; sober and industrious; good references.
Key 705, care American Florist.

Situation Wanted—Superintendent-gardener (head) seeks position; country estate; temperate; excellent greenhouse manager; landscape artist; knows live stock, engines; life experience; best references.
A. PAWLITZ,
17 Vine St., Roxbury, Boston, Mass.

Situation Wanted—Designer with executive ability and experience in growing, desires responsible position; experience and credentials that assure results. Ohio preferred but will consider good proposition; young, married; a hustler. Address
Key 710, care American Florist.

Situation Wanted—By a practical man 42 years of age, with 20 years' experience in the florist business. An all around grower, salesman and designer; American born. Married and have one child 7 years old. Can furnish best of references. Please state wages in first letter. Address
Box 473, Salina, Kan.

Situation Wanted—By Scandinavian, single, with over 20 years' experience in Scandinavia, England, Germany and America. Several years in charge of Greenhouses and outside. Cut flowers, forcing and propagating a specialty. Well up in care of parks. References are good. Address
Key 717, care American Florist.

Situation Wanted—Seedsmen wants situation; expert on grass, clover and field seeds; reliable vegetable and flower seedsmen; languages, German, French and English; either in office, field, warehouse or on road; practical grower, with extensive European and American field and office experience; good catalogue and advertising man.
R. GERARD, Ulster Park, N. Y.

Help Wanted—Good pot plant grower for up to-date commercial plant. Send full particulars in first letter, stating age, experience and wages. Address
Key 724, care American Florist.

Help Wanted—Experienced man for roses, carnations, chrysanthemums and general stock; required on private place; state salary and experience. Address
Box 424, Bettendorf, Iowa.

Help Wanted—Working foreman who understands growing carnations. Easter lilies, chrysanthemums, bulbs and bedding plants. 35,000 sq. feet glass.
H. T. MEAD,
1230 Hanover Street, Manchester, N. H.

Help Wanted—Experienced and reliable vegetable seed clerk. Must be quick at counter orders and waiting on customers. Apply by letter stating age, salary, references, etc.
J. F. NOLL & Co., 115 Mulberry Street
Newark, N. J.

Help Wanted—Young man, with some experience; must be able to water pot plants; good chance for young man to learn pot plant business; wages, \$15.00 per week to start, steady work for right man; in vicinity of Pittsburgh. Write
P. S. RANDOLPH & SONS,
R.D. 1, Verona, Pa.

For Sale or Rent—Retail flower store on State Street, Chicago in the heart of the shopping district. The business is now running and buyer can take immediate possession. For further particulars.
Key 726, care American Florist.

For Sale—Well established business for sale; 9,000 feet of glass; five acres of good land; well stocked with cut flowers and bedding plants; write for particulars; can take possession at once. Address
Key 730, care American Florist.

For Sale—Eight greenhouses, with salesroom attached, four squares from heart of a thriving city of 18,000; no competition; six-room modern dwelling, garage and auto; net profits over \$7,000 per year; will stand any investigation you desire to give; \$5,000 cash, balance, \$15,000, on easy terms; location, Texas. Do not answer if you do not mean business. Address
Key 729, care American Florist.

HELP WANTED

Good all around men. Must be A No. 1 growers of potted plants and quick at potting up. Steady position and good wages to those proving ability. Address

RANDOLPH & McCLEMENTS,
5936 Penn Avenue, PITTSBURGH, PA.

Help Wanted

NIGHT FIREMAN. Only experienced, steady man, need apply. Good wages to right party.

SINNER BROS.,
158 N. Wabash Avenue, CHICAGO

ROSE GROWER.

Good rose grower wanted at once. Must come well recommended. Apply at

SINNER BROS.,
158 N. Wabash Ave., CHICAGO.

Situation Wanted

Florist and gardener with life long experience; graduate of horticulture school; steady man, six year's in charge of 460 acres, state institution, wants position as head gardener on large private estate. Address

KEY 733, CARE AMERICAN FLORIST.

Situation Wanted

Experienced seedsmen just disengaged wishes to connect with a reliable seed house as manager, or responsible office position, 25 year's experience in all branches, best references. Address

Key 728, care American Florist.

FOR RENT

Suitable floor space on the Chicago Wholesale Cut Flower Market, where the grower can sell his own stock. For further particulars address

Key 732, care American Florist.

FOR SALE.

We have installed a new Buchbinder refrigerator in the Geo. Wittbold Co.'s new retail store on Buckingham Place, Chicago, and will sell the two refrigerators that were in use there at a bargain if taken at once. One is a display box 10x4x10 feet high and the other a storage box 8x10 feet. For further particulars address

BUCHBINDER BROS.,
518 Milwaukee Ave., CHICAGO, ILL.

FOR SALE

A business opportunity for wholesale cut flower growing and also nursery stock of a choice quality, or either one, at San Diego, California. This city has today a population of 90,000, with the surrounding country fast developing. The Panama Canal and the new Arizona R. R., both are strong factors in the substantial growth. The business has long been established and it requires a capital of \$5,000 and it is desirable to purchase 20 acres adjoining for \$6,000. This land is frostless and it all has a glorious view of mountains and sea. Only reliable parties with good references need inquire. Address

MARTIN H. HOLAHAN,
1628 W. Lewis St., San Diego, Calif.
In care of K. O. Sessions.

For Sale Cheap—A Going Business—Four greenhouses, 16 by 40 feet, and one 18 by 40 feet; double sash glass, well built and fresh putted tight; cement foundations and boiler and coke pit; six two-inch hot water pipes under each of the ten cypress benches; over 4,000 blooming carnations and a lot of potted plants; 3,000 rooted carnation cuttings; ideal boiler; also 18 tons of coke on hand; one small brick shed in rear, 12 by 16 feet. Very centrally located in Littleton, 2,000 inhabitants, the county seat of Arapahoe county, Colorado; six miles from Denver always a good market; 10-cent carfare; only greenhouses here; sun shines 300 days a year; ideal for weak lungs. The young man who recently operated these houses was drowned a few weeks ago. Houses and lots cost \$5,000.00. All of this for \$750.00 cash, \$750.00 four years at 8 per cent. It sure is a bargain. Immediate possession; warranty deed. Will send photo of houses to a buyer. Address

MRS. ADELAIDE J. CULP, Owner,
Littleton, Colorado.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO

NEW EDITION—Issued August, 1916.

TRADE DIRECTORY

Florists, Nurserymen and Seedsmen

OF THE

UNITED STATES AND CANADA.

Price \$3.00, Postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

OUR REPRESENTATIVES:

A
New
Year's
CardThos. D. Long
John Fuhlbruegge
Carl VaughanGeorge Mohn
J. N. Bommersbach
John B. Deamud

and Edward Boylan

are now making their usual winter trips in many widely distant sections.

We make this customary announcement reminding our customers of their usual reservations pending these visits and take the opportunity to extend to all our thanks for patronage extended and for patient forbearance with our shortcomings during these troublesome conditions for foreign importations as well as delayed U. S. railroad service.

Our Spring Book for Florists will be ready January 15th, or earlier. Advance pages may be had.

Cannas, Gladiolus, American flower seeds will be featured. Advance orders will be invoiced at latest most favorable prices.

CHICAGO

VAUGHAN'S SEED STORE,

NEW YORK

Philadelphia Notes.

The Christmas business was quite up to all that was expected; most, in fact all, of the growers, sold almost completely out, only the culls being left. H. A. Dreer, Inc., had an unusually large demand for small plants. The Robert Craig Co. had its very best Christmas. A splendid holiday trade is the report of W. K. Harris. Henry F. Michell Co. had a large Christmas stock but sold out completely. Godfrey Ashmann had a great run on all kinds of Christmas stock. The report was the same all along the line, with everybody satisfied, except that they could have sold more. The very cold weather was, of course, a handicap as was the poor express service. There was an immense shipping trade in cut flowers; the supply was large and varied. Roses were in great demand, except for the white, which later moved slowly. Carnations sold well. Lily of the valley was more than equal to the demand. White lilac was one of the choice things. Sweet peas were never better for the season and had an immense sale. Violets, the single particularly, were fine and in good demand. There was a good supply of Easter lilies, which, however, were rather overlooked. Stevia sold well; there was a good supply of this standard flower.

There was the usual display of handsome flowering and foliage plants and made-up plant baskets in the stores of H. H. Battles, J. J. Habermehl's Sons Co., Pennock Brothers, Charles Henry Fox, Robt. Craig Co., M. J. Callahan, Robt. Crawford, J. Wolf Moore, John C. Gracey and others; all had splendid stocks of everything for the holiday trade. Wreaths there were in great variety, many of them very artistic. There was also an immense business done in cut flowers. High grade roses were never better and sold well, as did violets, lily of the valley and orchids. Cattleyas were, however, scarce and high.

The Edward Reid plan to facilitate express shipments worked out very successfully and he feels amply repaid for the trouble he went to in this matter. All the shippers of cut flowers in this market were greatly benefited and of the many orders he sent out, some to quite distant points, only two boxes were not delivered on time.

The Leo Niessen Co. reports a splendid business. American Beauty and other high grade roses were in great demand. White lilac was a feature.

The S. S. Pennock-Meehan Co. was taxed to the utmost to get their orders out. An immense stock and very little left is their enviable record.

A splendid business was enjoyed by the Berger Brothers. Everything sold well. Poinsettias, high grade roses and carnations were features here.



CARNATION CUTTINGS

IT IS NOT TOO EARLY to order now if you desire December or January delivery

NEW VARIETIES.

COTTAGE MAID: Clear shell pink, sport of Mrs. C. W. Ward, possessing the same wonderful keeping and shipping qualities. MERRY CHRISTMAS: Color, intense deep scarlet; large flower, well formed, splendid stem and calyx, splendid keeper. DORIS: Color, brilliant maroon; vigorous grower, producing a succession of high grade blooms on long stiff stems; good calyx. ROSALIA: A true cerise pink; splendid grower and producer; a good commercial variety in every respect. OLD GOLD: Deep yellow with faint pink stripes; the earliest and freest flowering of all yellow varieties; a decided improvement over Yellow Prince. All of the above varieties, \$12.00 per 100; \$100.00 per 1000.

Last year's introductions and standard varieties; prices on application.

S. S. PENNOCK-MEEHAN COMPANY,

The Wholesale Florists of Philadelphia

PHILADELPHIA, 1608-1612 Ludlow St.

NEW YORK, 117 W. 28th St.

BALTIMORE, Franklin and St. Paul Sts. WASHINGTON, D. C., 1216 H St., N. W.

Mention the American Florist when writing

"All we could handle" was the word from Edward Reid; a very satisfactory Christmas and no kicks from out-of-town on account of non-deliveries.

Stuart Miller's Christmas trade was very satisfactory. Roses, poinsettias, carnations and violets were all in good demand—a good clean up.

The Philadelphia Wholesale Florists' Exchange did an immense business in roses, they having a very full stock of all varieties.

F. C.

Detroit.

BEST CHRISTMAS TRADE IN HISTORY.

Christmas business was the best ever experienced by the local florists. The active buying started early in the week, when the artificial effects, which every florist was well supplied with, asserted their popularity and as the days passed, plants engaged more attention of the public and the placing of advance orders for cut flowers easily indicated the heavy trade that was to follow on Saturday. Flowering plants were much sought and all available stock of poinsettias, cyclamens, begonias and azaleas was early in the day fairly well exhausted, and all had to fall back on the cut flowers to meet the demand for floral gifts. American Beauty, as a high price item, was more popular than a year ago, but violets, to the surprise of everyone, met with little favor though the quality was fine and an immense stock was on the market, far in excess of the call. Carnations, because of the limited stock, were not a factor, while roses of deep color filled

the substantial cut flower orders. Cut poinsettias were fine, but were scarcely as popular as a year ago. Paper White narcissi sold well and many were used in assorted collections of cut flowers, and some Roman hyacinths were similarly used. Lilies, too, sold well and the stock was good. The severity of the weather caused much trouble, starting with the late arrival of shipments from other points and the frozen condition of much of the stock received and the trouble was added to by the difficulty of local deliveries. Monday morning, however, the weather moderated considerably and few reports of injured flowers were heard. Very stiff prices were held on roses all week till Saturday when they dropped in price and belated shipments began to arrive to an extent that it was feared a glut would result. It may be said that the natural demand was more than ever inclined to flowering plants, but the stock of these being limited, was the sole redemption of the cut flower division of the immense and highly satisfactory trade that everyone enjoyed.

J. F. S.

BUFFALO, N. Y.—Miss Mollie Smith, formerly employed by J. H. Rebstock, has opened the Allen Flower Shop at Allen and Pearl streets.

TEWKSBURY, MASS.—C. S. Ketchum, who transports the stock of a number of growers in this vicinity to the Boston market, was severely injured recently when a storage battery exploded. He may lose his sight as the result.



What H. H. Battles, of Philadelphia, says about his Autocars:

W. H. Battles, the Philadelphia florist, bought his first Autocar in 1910—now uses two, averaging 50 miles a day each in busy times, and has just placed his order for a third, “without even thinking of any other make” as they recently said. “These cars cover all suburbs, including Norristown, Wilmington, Paoli, Torresdale, etc., saving time and assuring satisfactory delivery at all seasons.”

Autocars are used by well-known Florists in many leading cities. One Autocar can be depended upon to do the work of 4 to 6 horses at less operating cost.

Write for illustrated catalog and list of more than 4,000 concerns using Autocars in every line of business.

Chassis \$1650

THE AUTOCAR COMPANY
ARDMORE, PA.

Established 1897.

MOTOR DELIVERY CAR SPECIALISTS.

AMERICAN BEAUTIES AND RUSSELL

Finest Quality In This Market.

CARNATIONS, Extra Fine Quality

At Reasonable Prices. Wire Us Your Orders; We Can Positively Fill Them.

We Extend To You Our Best Wishes
FOR A PROSPEROUS NEW YEAR.

Orchids, Valley, Easter Lilies, Paper Whites, Roses, Stevia

GET BUSY--Wire Your Order Early, Time Is Short.

Price List:

Beauties—Specials	per doz.,	\$10.00
“ 36 to 40 inches	“ “	9.00
“ 28 to 30 inches	“ “	8.00
“ 24 inches	“ “	6.00
Russells—36 to 40 inches	“ “	5.00
“ 28 to 30 inches	“ “	4.00
“ 24 inches	“ “	3.00
“ 20 to 22 inches	“ “	2.50
“ 18 inches	“ “	2.00
“ Short	per 100,	\$ 8.00 to 12.00
Hoosier Beauties—Long	per doz.,	4.00
“ “ Medium	“ “	2.00 to 3.00
“ “ Short	“ “	1.50
Milady—Extra long	per 100,	20.00 to 25.00
“ Long	“ “	15.00 to 18.00
“ Medium	“ “	10.00 to 12.00
“ Short	“ “	8.00
Richmonds—Long	“ “	18.00 to 20.00
“ Medium	“ “	15.00
“ Short	“ “	8.00 to 12.00
Brilliant { Long	“ “	15.00
Sunburst { Medium	“ “	10.00 to 12.00
Ophelia { Short	“ “	8.00
Short Roses—Our selection	“ “	4.00
White Killarney { Long	“ “	12.00 to 15.00
Killarney { Medium	“ “	8.00 to 10.00
Aaron Wards { Short	“ “	6.00
Cattleyas	per doz.,	8.00 to 10.00
Cypripedium	“ “	2.00

MINIATURE ROSES—

Geo. Elgar	per 100,
Cecile Brunner	“ “
Baby Doll	“ “
Fireflame	“ “

CARNATIONS—

Red—Fancy	“ “
C. W. Ward	“ “
Pink and White	“ “
Our Selection	“ “
Split—Our selection	“ “
Valley—Fancy	“ “
“ Medium	“ “
“ Short	“ “
Paper Whites	“ “
Stevia	“ “
Easter Lilies	“ “
Violets	“ “
Sweet Peas	“ “
Snapdragon	per doz.,
Smilax	1.00 to 1.50
Plumosus	per 100,
Sprengeri	“ “
Adiantum	“ “
“ Hybridum	“ “
Galax, green and brown	“ “
Galax, green and brown	per 1,000,
Leucothoe	per 100,
Mexican Ivy	“ “
Flat Ferns	“ “
“ “	per 1,000,
Boxwood, per bunch, 25c	case,
Wild Smilax	per case,

POEHLMAN

72-74 E. Randolph St.,



Morgan Goss

MISCELLANEOUS PLANTS.

Andanus Veitchii, 4-in. pot,	Each	\$0.35	Crotons, 5-in. pot,	60c to 75c each
" " 6-in. pot,	\$0.75 to 1.00	Asparagus Sprengeri, 3-in. pots, per 100,	\$6.00	
" " 7-in. pot,	1.25	" " 4-in. pots, per 100,	10.00	
" " 8-in. pot,	2.00	Asparagus Plumosus, 2½-in. pots, per 100,	3.50	
Rubber Plants, 5-in. pot,	\$0.50 to .75	Table Ferns, 2½-in. pots, per 100,	3.50	
" " 7-in. pot,	\$1.00, \$1.50, 2.00	" " 3-in. pots, per 100,	8.00	
		" " 4-in. pots, per 100,	15.00	

HEATHER---Limited Supply. Specimens, \$5.00 to \$7.50 Each.

Kentias Western Kentias Headquarters

Largest and most complete stock offered in the West, in a healthy, strong and clean condition.

All previous prices quoted on Palms are hereby cancelled.

KENTIA FORSTERIANA SINGLE PLANTS.

Leaves	Each
inch pots 5-6 28 inches high..	\$1.25
inch pots 6-7 32-34 inches high..	1.50
inch pots 6-7 34-36 inches high..	2.00
inch tubs 6-7 40-42 inches high..	3.50
inch tubs 6-7 42-46 inches high..	4.00
inch tubs 6-7 50 inches high..	5.00
inch tubs 6-7 52-56 ins. high bv.	7.00
inch tubs 6-7 60 inches high..	8.00
inch tubs 6-7 60-65 inches high..	12.00
inch tubs 6-7 8 feet high....	40.00
inch tubs 6-7 9-10 feet high....	50.00

KENTIA BELMOREANA SINGLE PLANTS.

Leaves ins. high	Per doz.
4 inch pots 5-6 16-18 45c each....	\$5.00
6 inch pots 5-6 24 each	1.25
6 inch pots 5-6 28 each	1.50
8 inch tubs 5-6 42 each	5.00
Specimen plants, 15 inch tubs, \$75.00 each.	

KENTIA FORSTERIANA MADE UP PLANTS.

Plants	Each
6 inch pots 3 26-28 inches high....	\$2.00
7 inch tubs 3 30-32 inches high....	2.50
8 inch tubs 3 38 inches high....	4.00
8 inch tubs 4 48-50 inches high....	5.00
9 inch tubs 4 52 inches high....	6.00
10 inch tubs 4 54 inches high....	8.00

Plants	Each
12 inch tubs 4 60-64 inches high...	12.00
12 inch tubs 4 66 inches high...	15.00
15 inch tubs 4 6-6½ ft. high, heavy	25.00
15 inch tubs 4 75-80 inches high...	30.00

ARECA LUTESCENS.

Plants	Each
6 inch pots 4 bushy, 24-26 ins. high.	\$1.25

ASPIDISTRAS.

5 inch pots 10-12 leaves green.....	\$1.00
6 inch pots 16-20 leaves green.....	1.50
5 inch pots 10-12 leaves var.....	1.50

DRACAENAS.

Plants	Each
Dracaena Massangeana, 8-in.....	\$2.50
Per doz.	
" Terminalis, 4-in.....	\$4.00
" " 5-in.....	5.00

A Nominal Charge is Made for Packing.

N BROS. CO.
 Long Distance Phone,
 Randolph 35. **CHICAGO, ILL.**

Heavy Reduction in Prices

IN EFFECT JANUARY 2nd, 1917.

BIG CROP OF CARNATIONS NOW ON.

AMERICAN BEAUTIES

Our cut consists mostly of medium and shorter length stems, but very fine flowers.

	Per doz.
Extra specials, extra long stems.....	\$6.00
Stems 30 to 36 inches.....	4.00 to 5.00
Stems 18 to 24 inches.....	2.00 to 3.00
Shorter lengths.....	\$1.00 to 1.50

RUSSELLS—The best in this market.

	Per doz.
Specials, extra long.....	\$3.00
Gong.....	\$2.00 to 2.50
Good medium.....	1.50
Good short.....	75 to 1.00

RED ROSES

Rhea Reid and Richmond

	Per 100
Extra long stem specials.....	\$12.00
Long.....	10.00
Good medium.....	6.00 to 8.00
Good short.....	4.00 to 5.00

Ophelia, Shawyer and Sunburst

	Per 100
Specials, extra long stem.....	\$12.00
Long.....	10.00
Good medium stems.....	6.00 to 8.00
Good short stems.....	4.00 to 5.00

Pink and White Killarney, Brilliant

	Per 100
Long.....	\$10.00 to \$12.00
Good medium.....	6.00 to 8.00
Good short.....	3.00 to 4.00

ASSORTED ROSES

No red, but from one-third to one-half white.

OUR SELECTION, in lots of 300 or more, at the rate of.....\$3.00 per 100

Cecile Brunner and Baby Doll

Per bunch of 25 buds.....\$0.50 to \$0.75

CARNATIONS—Note Big Reduction.

All colors, per 100.....\$5.00 to 4.00

MISCELLANEOUS

PAPER WHITES.....Per 100, \$3.00 to \$4.00

VALLEY.....Per 100, 6.00

ASPARAGUS and SPRENGER.....Per 100, 2 00 to 3.00

GALAX, Green or Bronze. new crop, per 1000, 1.00

STEVIA, very fine large bunches.....per bunch, 35c

CHOICE COMMON FERNS.....Per 1000, \$2.50 to \$3.00

BASSETT & WASHBURN

LONG DISTANCE PHONE:

CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

CHRISTMAS BUSINESS AHEAD OF 1915.

The Christmas business, from all reports, was surprisingly good and away ahead of last year, with a heavy out-of-town demand. Everything, with the exception of white carnations, sold quickly at good prices, and the clean-up was the greatest ever experienced for many years, considering the large quantity of stock offered. The quality of the stock in general was fine compared to previous years and the only complaints heard were in regard to flowers being cut too tight and this was especially true in regard to roses and carnations. Considerable stock from out-of-town points arrived here frozen, particularly violets from New York and California, and gardenias and orchids. One dealer alone had 1,250 orchids frozen, which were a total loss, and made quite a dent in the supply, consequently what other stock was offered in this line sold quickly at the advertised quotations. Violets sold fast at good prices, and cleaned up completely long before the rush was over. Sweet peas were in exceptionally good demand and in short supply and in some instances sold away above the prices quoted. American Beauty roses never sold better for Christmas than they did this year and the home grown stock was in brisk demand at high prices and was disposed of almost as quickly as they reached the store. The eastern supply of American Beauty roses did not affect the home-grown stock any and only sold after the local blooms were off the market. Mrs. Chas. Russell roses sold surprisingly well and were in good supply, but there was no surplus at any time and prices held firm. Richmond, Rhea Reid, Hoosier Beauty, Milady and Hadley sold like

hot-cakes on a cold winter day, and there were not near enough to supply the heavy demand. Ophelia was in brisk demand, and so were Sunburst, Killarney Brilliant, Killarney and the newer varieties of roses obtainable in this market. Red and pink carnations were quickly picked up at high prices, but the demand for white was limited and this was about the only item that did not clear. Lily of the valley was in good supply, but sold early and there was no stock whatever left after the rush was over. Poinsettias, snapdragons, bouvardias, daisies, calendulas, narcissi, jonquils, freesias, Romans, stevia, lilies, callas, mignonette and other miscellaneous cut flowers had a good call and in almost all instances cleaned up satisfactorily. Greens were in good demand, especially boxwood, which ad-

vanced in price toward the end. Red winterberries cleaned up almost entirely with the exception of a few cases of inferior stock that the dealers made no special effort to push. California holly was in heavy demand and was used extensively by the retail florists, owing to the scarcity of good winterberries. Some complaints were heard from out-of-town customers in regard to shipments arriving late and some incoming stock from the greenhouses, shipped by express, were held up for some time, but considering the tremendous number of packages handled by the express companies, the service was good, considering the conditions, and outside of the stock that was frozen, no one has any great license to kick. There was some talk of an express drivers' strike a few days before Christmas, but it was

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

BRONZE GALAX

\$5.00 Per Case 10,000

This special offer is good only until present supply is disposed of.

Chicago's Largest Dealers in Decorative Greens

HEAVY SUPPLY FOR NEW YEAR'S Beauties, Roses, Carnations, Greens, Etc.

Remember, when ordering, that we have the best stock obtainable in the Chicago market at the prices quoted.

Buy Direct From The Grower.

CURRENT PRICE LIST

Subject to Change Without Notice.

AMERICAN BEAUTIES

	Per doz.
48 to 60-inch stems	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.00
20-inch stems	1.50

MRS. CHAS. RUSSELL

	Per 100
Specials	\$25.00
Select	20.00
Medium	\$12.00 to 15.00
Short	6.00 to 10.00

RICHMOND

	Per 100
Specials	\$12.00
Select	10.00
Medium	8.00
Shorts	\$5.00 to 6.00

MILADY

	Per 100
Specials	\$12.00
Select	10.00
Medium	8.00
Short	5.00

Killarney

White Killarney	Specials	Per 100
Killarney Brilliant	Select	\$12.00
Sunburst	Medium	10.00
My Maryland	Short	8.00
Ophelia		\$5.00 to 6.00

ROSES, OUR SELECTION

	Per 100
Carnations, red	\$5.00
" white and pink	4.00

Harrisii

per doz., \$12 50 to \$15 00	
Valley	6 00
Violets	1 50 to 2 00
Stevia	1 50 to 2 00
Sweet Peas	1 50 to 2 00
Smilax	2 00 to 2 50
Adiantum	1 00 to 1 50

Asparagus, per bunch

50c to 75c

Ferns, per 1000

\$2 50

Boxwood

per bunch, 25c

Galax, bronze and green, per 1000

\$1 25

Leucothoe Sprays

75c to 1 00

2,000,000 Feet of Modern Glass

PETER REINBERG

30 East Randolph St.,

LONG DISTANCE PHONES
CENTRAL 601 and 2846

CHICAGO

merely gossip, although for a time everyone was worried more or less, and hustled their shipments out as early as possible, for fear there would be one. The city demand for stock was very good, although trade Sunday was not as brisk as it might be, but at that, there was very little to offer. The retail florists in general report the Christmas trade as very good and considerably ahead of 1915, with splendid demand for plants, which cleaned up completely at an early hour in almost all instances. The weather last week was very cold, with the thermometer registering from two to ten degrees below zero. Thursday and Friday, December 21-22, when the heaviest shipping was done. It also snowed heavily and this whole vicinity was covered by a blanket of white, which presented a regular old-fashioned Christmas appearance. On Saturday the weather began to moderate and on Sunday it rained a little, but toward evening it turned much colder, and on Christmas day the weather was splendid, and gave the retail florists a chance to land some of the orders

Try Us On Cut Flowers

CURRENT PRICE LIST.

BEAUTIES	Per dozen
Stems 12-inch to 48-inch	\$1.50 to \$5.00

RUSSELLS	Per 100
Short and medium	\$10.00 to \$15.00

ALL OTHER ROSES OBTAINABLE IN THE CHICAGO MARKET.

	Per 100
Short, medium and select	\$6.00 to \$10.00
Roses—Our selection	5.00
Extra specials billed accordingly.	

CARNATIONS	Per 100
Fancy	\$3.00 to \$4.00
Good	2.00

MISCELLANEOUS	Per 100
Violets	\$ 1.50
Valley	6.00
Easter Lilies	12.50 to 15.00

MISCELLANEOUS—Cont.

	Per 100
Stevia	1.50 to 2.00
Yellow Narcissus	4.00 to 6.00
Calendulas	2.00 to 4.00
Paper Whites	3.00 to 4.00
Snappdragons	per bunch .50 to .75
Mignonette	6.00
Callas	per doz. 2.00
Sweet Peas	1.50 to 2.00

GREENS.

Asp. plumosus sprays	per bunch \$0.35 to \$0.50
Sprengerl	per bunch .35 to .50
Adiantum	per 100 1.00
Fancy ferns	per 1,000 3.00
Galax leaves	per 1,000 1.25
Boxwood	per lb. .25
Mexican Ivy	1.00
Leucothoe Sprays	.75

SUPPLIES

Corsage Shields, Pins, Baskets, Ribbons, Chiffons, Magnolia Leaves, Boxes, Threads, Etc.

O. A. & L. A. Tonner

30 E. Randolph Street,

Phone,
Central 6284.

CHICAGO, ILL

BEAUTIES-ROSES CARNATIONS

Wonderful Crop. Place Your Regular Orders With Us.

Current Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.	
	Per Doz.
48 to 60-inch stems.....	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.00

RICHMOND.	
	Per 100
Extra Special	\$10.00
Select	8.00
Fancy	7.00
Medium	6.00
Good	5.00
Short stems	4.00

MRS. CHAS. RUSSELL.	
	Per 100
Fancy stock	\$10.00 to \$20.00

PINK KILLARNEY, WHITE KILLARNEY, KILLARNEY BRILLIANT, SUNBURST, OPHELIA.	
	Per 100
Extra Special	\$10.00
Select	8.00
Fancy	7.00
Medium	6.00
Good	5.00
Short Stems	4.00

MINIATURE ROSES.	
	Per 100
Baby Doll	\$3.00
Elgar	3.00
ROSES, OUR SELECTION	4.00

CARNATIONS.	
	Per 100
Extra Long	\$3.00
Good	2.00

MISCELLANEOUS.	
	Per 100
Valley	\$ 6.00
Lilies	\$12.50 to 15.00
Ferns, per 1,000.....	2.50
Smilax, per doz, strings.....	2.00
Adiantum	1.00
Galax (bronze and green), per 1,000	1.25
Asparagus Sprengeri, bunch.....	.50
Asparagus Plumosus, bunch.....	.50
Boxwood, per lb.....	.25
Other Green Goods Market Rates.	

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

that they missed the day before. Taking everything into consideration, the 1916 Christmas business was very satisfactory, and practically everyone of the wholesalers report a great increase over that of 1915, with the biggest cleanup in years. The buyers who took advantage of the tip given in the two previous market reports in THE AMERICAN FLORIST and placed their orders well in advance, were all taken care of, but those who waited until the last minute experienced a great deal of trouble in securing just the kind of stock they wanted and paid higher prices. One large city buyer who always bought at the last minute in former years, says he placed all of his orders early after reading the reports, and profited thereby to the extent of several hundred dollars.

NOTES.

A. L. Vaughan & Co. are featuring a splendid assortment of orchids, including cattleyas, vandas and cypripediums and report a brisk demand for same. Some very choice Milady roses and smilax are also included in the regular daily shipments. Mr. Vaughan is well pleased with the Christmas trade at his house and the only complaint he has to make is on the frozen stock that was received and the shipments that were reported to have arrived late by their customers out of town.

Peter Reinberg had the best Christmas trade in the history of his firm and disposed of all the stock he had to offer without any trouble at all. The shipping trade was exceptionally heavy, according to Felix Reichling, who was ably assisted by the regular force and several of the boys from the greenhouses. They had a heavy supply of roses, particularly Mrs. Chas. Russell and Richmond, which were the two best sellers.

WANTED

Names of retail florists and buyers of cut flowers who wish to keep posted on special bargains in Chicago Market. Send in your name—no charge for this information.

M. C. GUNTERBERG,

158 N. Wabash Ave., Chicago

Edw. H. Goldenstein has become a member of the firm of Langhout & Co., wholesale bulb growers, Sassenheim, Holland, who have temporary offices with Maltus & Ware, New York, and the American Shipping Co., of this city. Mr. Goldenstein is well known to the trade here as well as elsewhere through his connection with one of the local seed houses and his many friends wish him every success in his new undertaking.

Percy Jones, Inc., announce that J. E. Pollworth, who has been with them for the last six months, is no longer in their employ. H. Van Gelder says that Percy Jones' holiday trade was the biggest ever and made the firm's next largest Christmas look like a good Saturday in summer time. This establishment did not close its doors from Thursday morning, December 21, until real late the following Saturday night.

The Chicago Flower Growers' Association had a splendid supply of stock of all kinds to offer for Christmas, which cleaned up remarkably well at satisfactory prices with the exception of white carnations, which holds true for all the other houses in the local market. The shipping trade was the heaviest ever and the city demand was very satisfactory.

Wietor Bros. had a very satisfactory Christmas and cleaned up completely in all lines before the store closed at noon Christmas. They had a large and fine supply of American

Beauty, Ophelia, Killarney and Killarney Brilliant roses and red and pink carnations. The shipping demand was the heaviest this house ever experienced.

A. T. Pyfer & Co. report their Christmas trade as the best ever, with a complete cleanup in all lines, even carnations. H. E. Philpott of Winnipeg, proved to be of valuable assistance to Mr. Pyfer and his regular force during the rush and graded so many roses the past week that he has qualified as an expert storeman.

C. B. Arnold, of the A. A. Arnold Paper Box Co., 1302 West Division street, announces a 10 per cent reduction in prices on all folding flower boxes per their advertisement, which appears elsewhere in this issue.

The A. L. Randall Co. had a splendid Christmas trade according to Eric Johnson, manager of the cut-flower department, who adds that the shipping trade particularly was surprisingly brisk.

Hoerber Bros.' Christmas trade was so brisk that they cleaned up completely in roses at an early hour and were obliged to buy more, so that all their orders could be filled in full.

M. C. Gunterberg cleaned up completely in double violets for Christmas and could have sold many thousands more had they been available.

W. J. Vesey and Dave Vesey, of Ft. Wayne, Ind., were visitors at A. L. Vaughan & Co.'s establishment December 23.

A. L. VAUGHAN & Co.

NOT INC

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572

161 North Wabash Ave, Chicago

BEAUTIES-ORCHIDS-ROSES-CARNATIONS SWEET PEAS-LILIES-VALLEY-GREENS-ETC.

Positively the best stock obtainable in this market. Order here.

CURRENT PRICE LIST

=Subject to Change
without notice.

AMERICAN BEAUTY		Per doz.
Extra long stems.....	\$6.00	
Stems 48 inches.....	5.00	
Stems 30 to 36 inches.....	4.00	
Stems 24 inches.....	3.00	
Stems 18 to 20 inches.....	2.00	
Stems 12 inches.....	1.50	
Short Stems	1.00, \$6.00	

MRS. CHAS. RUSSELL		Per 100
Special	\$25.00	
Select	20.00	
Medium	15.00	
Short	\$10.00 to 12.00	

ROSES		
Richmond, special	\$12.00	
“ select	10.00	
“ medium	8.00	
“ short	\$5.00 to 6.00	
Milady, special	\$12.00	
“ select	10.00	
“ medium	8.00	
“ short	\$5.00 to 6.00	
Killarney Brilliant, special	\$12.00	
“ select	10.00	
“ medium	8.00	
“ short	\$5.00 to 6.00	
Ophelia, special	\$12.00	
“ select	10.00	
“ medium	8.00	
“ short	\$5.00 to 6.00	

ROSES—Continued.		Per 100
White Killarney, special	\$12.00	
“ select	10.00	
“ medium	8.00	
“ short	\$5.00 to 6.00	
Killarney, special	12.00	
“ select	10.00	
“ medium	8.00	
“ short	\$5.00 to 6.00	
Mrs. Ward, special	12.00	
“ select	10.00	
“ medium	8.00	
“ short	\$5.00 to 6.00	
Sunburst, special	12.00	
“ select	10.00	
“ medium	8.00	
“ short	\$5.00 to 6.00	
Cecile Brunner	2.00 to 3.00	
Elgar	2.00 to 3.00	
Baby Doll	2.00 to 3.00	

ROSES, OUR SELECTION

Extra special roses billed accordingly. 5.00

CARNATIONS.		
Red	\$4.00	
White or Pink	\$2.00 to 3.00	

ORCHIDS.		Per doz.
Cattleyas	\$8.00 to \$10.00	
Vandas, fine large sprays, 25c per flower.		

MISCELLANEOUS.		Per 100
Violets	\$ 1.00 to \$ 1.50	
Valley	6.00	
Easter Lilies	12.50 to 15.00	
Stevia	1.50 to 2.00	
Strawflowers .....	.25 to .35	
Calendulas	2.00 to 4.00	
Paper Whites	3.00 to 4.00	
Daisies	1.00 to 2.00	
Snapdragons .....	.75	
Mignonette	6.00 to 8.00	
Romans	3.00 to 4.00	
Callas	2.00	
Sweet Peas	1.50 to 2.00	

GREENS.		
Asp. plumosus.....per string	\$0.50 to \$0.75	
Asp. plumosus sprays...bunch	.35 to .50	
Sprengeri.....per bunch	.35 to .50	
Adiantum.....per 100	.75 to 1.00	
Smilax, choice.....per doz.	1.50 to 2.00	
Fancy ferns.....per 1,000	2.50	
Galax leaves.....per 1,000	1.25	
Wild Smilax.....per case	5.00	
Boxwood		
..per lb., 25c; 50-lb. case...	7.50	
Mexican Ivy .....	.75	
Leucothoe Sprays .....	.75	

The Chicago Flower Growers Association



182 North Wabash Avenue

L. D. Phone Randolph 631

CHICAGO

75 Expert Growers

Producing everything sold in the World's Largest Wholesale Cut Flower Market consign their stock to us, making it possible for us to fill all orders in full at all times. Try us on Roses, Carnations or anything else in Cut Flowers or Greens. Our supply of stock is exceptionally large and fine at present, and our prices are as reasonable as the prevailing market conditions permit.

Order Here—You Can't Do Better Elsewhere.

Kennicott Bros. Co. has closed negotiations with J. E. Pollworth as a member of its company in the capacity of secretary and general manager, which gives him an opportunity to establish himself permanently in the wholesale cut-flower business. Mr. Pollworth is well acquainted with the retail trade in the northwest and southwest and with the local growers and will undoubtedly meet with success in his new capacity.

Zech & Mann had a fine Christmas business with the sales for the week running away ahead of last year. Alie Zech says that the shipping trade particularly was extra heavy and kept the force busy working overtime, so that all the orders could be filled on schedule. This firm received a consignment of fruits and nuts this week from one of their New Orleans growers for a Christmas present, which was greatly appreciated.

John Michelsen says the Christmas trade at E. C. Amling Co.'s store was very satisfactory and considerably ahead of 1915. Mr. Michelsen adds that there was more stock handled this Christmas than last year and while there was enough to go around, the cleanup was surprisingly good.

Chas. Erne says that Erne & Klingel are well satisfied with their Christmas business, which was extra good and much better than last year.



A. T. PYFER & CO.

Wholesale Florists

30 E. Randolph Street,

Long Distance Telephone
Central 3373

CHICAGO, ILL.

The American Bulb Co. had the Breitmeier Floral Co.'s new rose, sport of Ophelia, on display at its North Wabash avenue store last week, where it attracted much favorable attention. The Breitmeier Floral Co. has 3,000 plants of this variety growing at its greenhouses at Mt. Clemens, Mich., and from the reports of some of the growers who have had the opportunity and pleasure of inspecting it there, it has all the earmarks of a winner and the same habits as Ophelia in regard to producing qualities. It has been registered as Rose Pink Ophelia, and will be disseminated in 1918. The flower of Rose Pink Ophelia is nearly as large as Mrs. Chas. Russell and the color is a most pleasing pink, and there is no question but what it will prove to be a wonderful seller and popular with the public, as well as the trade. A. Miller brought it here, so the trade could pass judgment on it, and in all probability his firm will be an important factor in the distribution of this new promising sport.

Poehlmann Bros. Co. had a heavy Christmas trade and disposed of all the stock it had to offer at an early hour each day. The only thing to put a damper on the big business was the shipments that were reported frozen in transit and those delayed on the other end. Some packages that were supposed to have reached their destination December 22 did not arrive until after Christmas, while others which were sent out after reached there on time. Other houses report having experienced the same trouble and are anxiously waiting for the express companies to make a settlement so they will know just where they stand. Outside of these complaints Otto W. Frese says that Poehlmann Bros. Co.'s cut-flower business was away ahead of 1915.

Tied hand and foot with ropes, John Buchanan, a watchman, laid on a bench in the store of Schiller, the florist, at 2221-23 West Madison street, early December 26 and watched two experts drill and blow the safe in the place. The operation took them two hours. As the charge of nitro-glycerin was exploded Buchanan saw the door fly open, he saw the cracksmen grab what money there was in the safe and flee. The robbers got \$50 for their night's work. Christmas receipts of \$1,000 were saved, having been deposited elsewhere for fear of just such a visit.

The annual Christmas display at Garfield park was gorgeous in its wealth of poinsettias, begonias, azaleas and thousands of pots of white and yellow narcissus. White poinsettias and Buddleia Asiatica were attractive features. The end banks were in white and pink, the crescent sides white, yellow and red, while the center oval was of white and red. The effect of the various blending of colors was most artistic. There was the usual large attendance to enjoy the floral feast and other attractive features of this famous winter garden.

J. A. Budlong was in splendid crop with roses for Christmas and reports a splendid holiday business. This firm was fortunate in being in their newly enlarged quarters, otherwise they would have been unable to handle the large number of orders so satisfactorily. The shipping trade was very heavy and kept the boys on the jump every minute to get them out on time.

Bassett & Washburn never had such a fine Christmas business as they did this year and cleaned up early in all lines, especially roses, which were in heavy demand. This firm's new carnation, Belle Washburn, again brought top notch prices in the scarlet class and while they had a good cut it was impossible to fill anywhere near the demand.

The John Kruchten Co. moved a large quantity of choice boxwood for Christmas, which was in better demand than ever this season. One shipment arrived late but this firm is not worrying about disposing of it for it is still good property and moving well.

O. A. & L. A. Tonner had their share of the Christmas trade and are more than pleased with the amount of business that they did. They just had enough holly, boxwood, winterberries and mistletoe to carry them through up to the last minute.

Kyle & Foerster were more than pleased with their Christmas business, and report an exceedingly brisk demand for stock in general, particularly gardenias and violets, which cleaned up at an early hour at very satisfactory prices.

The White House Florist had a big demand for plants at its South Wabash avenue store and disposed of practically all that were offered. This firm placed its order several weeks in advance so as to guarantee its supply.

Vaughan's Seed Store reports good business in holiday plants and is now

making preparations for moving its large stocks of spring bulbs and roots, cannas, gladioli, caladiums, etc.

George Perdikas cleaned up nicely in plants for Christmas, which were the best in years. He reports a good run on cut flowers, particularly roses, which sold well at high prices.

The Chicago Florists' Club will meet at the Hotel Morrison, next Thursday, January 4, at 8 p. m., when the officers elected at the December meeting will be installed.

Chas. J. Reardon, of Davenport, Ia., formerly of this city, is here with his family spending the holidays with friends.

The mid-winter show of the Garfield park conservatories opened December 24, and will continue to January 7.

The Pulverized Manure Co. mailed to its customers a very substantial and highly finished leather pocketbook.

Weiland & Risch report that their new rose, Champ Weiland, was one of their best sellers at Christmas.

The Lord & Burnham Co. remembered its local employees at Christmas in the form of a week's salary.

Chas. J. Strombach spent Christmas with his old friend, Andrew McAdams, at Melbourne, Fla.

Guy M. Reyburn returned from an out-of-town trip in time to spend Christmas here.

A. E. Turner, of Rosin & Turner, Mosinee, Wis., was a visitor this week.

John G. Witt, florist, 103rd and Wallace streets, is on the sick list.

Indianapolis, Ind.

CLEANUP OF CHRISTMAS SUPPLY.

Christmas was a great success. Stock was cleaned up everywhere. Although orders from other cities were delayed on account of the enormous amount of express, most of the shipments arrived in time to be of use. Cut flowers and plants were very popular, both for home decorations and gifts—the former were rather scarce, the latter in numerous varieties, were more plentiful, but not abundant. Cut poinsettias were in great demand ranging from \$1.50 to \$5.00 a dozen. Carnations were rather scarce and brought better prices than were expected. Roses were more plentiful, but brought good prices. Russells and red varieties were not very plentiful. A few chrysanthemums still lingered

43%

Increase In Our Sales

KENNICOTT BROS. CO.

always have had a definite policy and a principle in the conduct of its business since its establishment in 1883.

TO THE GROWER

who consigns to us, our reputation and unquestioned integrity is absolute assurance of actual returns based upon the actual sales of the stock.

TO THE RETAILER

all "Out of Town" orders that are entrusted to us are given a personal service with an equal opportunity with that of the City Retail Buyer in accordance to the law of Supply and Demand as governed in this market.

TO CHICAGO

We bespeak your patronage because it offers you the greatest variety of Cut Flowers at prices most favorable to you when coming from the Greatest Cut Flower Market in the U. S. A.

O KENNICOTT BROS. CO.

We ask but a "Square Deal" from Grower and Retailer as exemplified in "It's a poor rule that doesn't work both ways" and handed down to us by the founder of

TO THE TRADE WE WISH
A Happy and Prosperous
NEW YEAR
1917.

H. B. Kennicott, Pres.

J. E. Pollworth, Sec'y.

ESTABLISHED 1883

INCORPORATED 1892

KENNICOTT BROS. CO.

WHOLESALE COMMISSION FLORISTS

163-5 N. Wabash Ave.,

CHICAGO, ILLINOIS

on the market and were well cleaned up. Smaller flowers, such as violets, sweet peas and narcissi, were very popular for corsage bouquets and house decorations. Pot plants, including poinsettias, cyclamens, primroses, begonias, and ferns were plentiful and sold well. Because of the great demand fern leaves were very scarce. Holly and other Christmas decorations, such as red ruscus, dyed teasel, etc., and evergreen trees, were over abundant and a great deal of stock was left over.

NOTES.

The next meeting of the Indiana State Florists' Association will be held at the Claypool hotel, January 9. A meeting at 10 o'clock will be for the committees and those particularly interested in the carnation show. The regular business meeting will be that afternoon and evening.

The new Circle Flower Store has some very effective new Cusack signs distributed over the city. These advertisements are very beneficial to all the trade as they educate the public to the necessity of flowers for the home.

Competition has been very keen among the florists for Christmas orders. A great deal of advertising in newspapers, picture shows, circulars and billboards has been done.

Funeral work has been very heavy lately. Fancy baskets and bouquets for the sick have also been in demand.

Fred Stahl, recently with the A.

SOUTHERN WILD SMILAX

\$2.50 PER CASE.

Holly, standard case.....	\$2 25
Dyed Sheet Moss, per bag 100 square feet.....	3 50
Natural Sheet Moss, per bag 100 square feet.....	1 75
Long Needle Pines, assorted sizes 2 to 4 feet, per doz.,	1 25
Grey Moss, 25-lb. bags, per bag.....	2 50

E. A. BEAVEN,

Evergreen, Ala.

Mention the American Florist when writing

Wiegand's Sons Company, is now with the Bertermann Bros. Company.

Albert Ruble has a very fine seedling sweet pea in a beautiful shade of rose pink.

The name of the Bensen-Oilar Flower Store has been changed to Oilar's Flower Shop. M. E. T.

NEW ORLEANS, LA.—Frank J. Reyes & Co. announce the opening of their new branch store at 527 Canal street.

ASTORIA, ORE.—Chas. Hustwick has completed three new houses at his range and expects to open a downtown store in the near future.

HOUSTON, TEX.—Walter Retzer has opened a flower shop in the Scanlan building on Main street.

BOSTON, MASS.—The Boston Floral Supply Co. has taken the building at 347 Cambridge street and is installing modern machinery to manufacture florists' requisites on a large scale.

CANFIELD, O.—The A. W. Smith Co., of Pittsburgh, Pa., is adding a new house 42x500 feet to its 500-foot range. The Foley Greenhouse Mfg. Co. of Chicago, which supplied the original three houses, is shipping the material for the new structure.

If You Want Good Stock and Good Treatment

Send Your Orders To

Chicago's Most Up-to-date and best located Wholesale Cut Flower House

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

CUT FLOWERS

Prices
As
Low
As
Others.

 **SHIPPING ORDERS GIVEN CAREFUL ATTENTION.**

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Nashville, Tenn.

CHRISTMAS DEMAND UNUSUALLY GOOD.

The Christmas season has proved very satisfactory to the growers in this city and the weather conditions, supply of flowers and the demand have been all that could be desired. Delivery on Saturday was a little difficult, it being below freezing and plants had to be wrapped carefully. There was an excellent supply of flowers—never better, and rarely ever as good. Azaleas, while only about one-third of the usual supply, were better than was expected and there were some beautiful ones on the market. The prices were high, however, and the sale was, in consequence, not as brisk as in former years. Roses were finer than ever before for the holidays and the price on them, as on everything else, had an upward tendency. They ranged in price all the way from \$2 to \$15. The lower price was for short stemmed cuts, and the higher price was for choice American Beauty. There were many poinsettias, both cut and in pots, and these were prime favorites with a majority of buyers. The red azaleas were most sought after and brought from \$3 to \$5 a plant. Pot stock of all kinds was abundant and very salable. Street vendors sold cedar wreaths and hemlock wreaths on the street and the price was only 25 cents—very pretty and full ones. The hemlock in a measure took the place of holly, which was very scarce, and the window wreaths were made of this and the cedar, while holly was reserved to tie upon the Christmas packages.

NOTES.

The Joy Floral Company had a superb stock of all kinds of flowers and the store was one bower of beauty. A large graded stand had been arranged for the plants and this was filled with choice azaleas and cyclamens that completely covered it. All kinds of bulbous stock and pot plants were on sale—a most immense stock requiring the services of 62 sales people and six autos, with nine wagons, engaged in delivering and constantly busy for the several days of the Christmas rush. This firm did a big wholesale business, sending flowers all over the south. Their American Beauty were unusually fine, readily bringing \$15 per dozen. Their cheapest roses were \$2 per dozen and these were the short stems.

Geny Bros. claimed that they had the finest stock of azaleas in the city and indeed their stock was very superior. They readily got from \$3 to \$5 for the best. The red azaleas were particularly in demand, and the entire stock was sold. There was only about one-third as many as usual, however. They had very fine Russell roses and

Southern Wild Smilax

\$2.50 Per Case.

Holly, standard case.....\$2 25 per case
 Fadeless Sheet Moss, 100 square feet..... 3 50 per bag
 Natural Sheet Moss, 100 square feet..... 1 75 per bag
 Southern Grey Moss, 25 pounds..... 2 50 per bag
 Long Needle Pines, assorted 2 to 4 feet..... 1 25 per doz.

Caldwell The Woodsman Co., Evergreen, Ala.

readily got from \$5 to \$7.50 per dozen. Their baskets sold well, the entire stock being pretty well cleaned up by Sunday night. They also had good success on the prepared evergreen wreaths and sold the entire stock.

The McIntyre Floral Company had a fine stock and splendid sales. They had an abundance of good roses, particularly Richmond, for which they asked and received \$5 per dozen. Their lilies and poinsettias were fine and they had plenty of lily of the valley and a fine crop of orchids, which only a few dealers had on hand. Their baskets were very artistic and there was a good sale on all lines.

The florists were busy all day Sunday, and with all the other rush, had several funerals on hand. Some of the dealers had quite a fine lot of Bermuda lilies.

Haury & Sons Co. did a good business, had plenty of stock, and a very good sale on baskets. M. C. D.

Oklahoma City.

ADEQUATE SUPPLY AND EXCELLENT SALES.

This was the busiest Christmas the florists have ever experienced in this city. There is a little snow on the ground, the temperature is mild, times are good, and the people in general are possessed of the holiday spirit, so the florists are all busy, and very happy. Plant sales were very heavy and the favorite with the buyers seemed to be the old fashioned Jerusalem cherry; dealers say that it was impossible to get a supply of ardisias or there would have been a good sale of them also, as the red-berried plants always are in best demand at this season. Cyclamens and begonias sold well. Azaleas are very rare, there being but a very few in town. Made up wreaths, particularly those made from natural material and trimmed with red, were in good demand. Cut flowers appeared plentiful with prices about the same as in other years.

RED CYCAS LEAVES.

Sizes.	Pkg. of 10	Per 100
8 to 12 inches.....	\$0.45	\$3.50
12 to 16 inches.....	.60	5.00
16 to 20 inches.....	.75	7.00
20 to 24 inches.....	.95	9.00

(50 Cycas at 100 rate—10 to pkg.)

VELVET POINSETTIAS.

These are made of a perfect shade of "Xmas Red" Velvet of fine quality, long stems with green foliage. A sure seller for the Holiday trade.

Per dozen\$1.20
 Per gross13.50

CREPE PAPER AND POT COVERS.

	Per Doz.	Per 100
Waterproof (all colors).....	\$2.60	\$20.00
Pebbled, pleated (all colors).....	2.00	15.00

PINE CONES.

Extra choice quality, with stems and most desirable of all kinds of Xmas decorations.

Price per 100.....only \$2.00

Get Our List of Other Supplies.

GEO. H. ANGERMUELLER,

Wholesale Florist

1324 Pine St., St. Louis, Mo.

Tulsa, the oil town, which is located closer to the timbered portion of the state than this city, has shipped 10 car-loads of mistletoe this season.

S. S. B.

KNOXVILLE, TENN.—The Knoxville Florists' Society at its annual meeting, December 11, elected the following officers: Will Ryno, president; Mrs. Goetz, vice-president; R. E. Mapes, secretary-treasurer.

HARTFORD, CONN.—Edmund Pehl has remodeled the interior of his establishment at 221 Park street. His business has greatly increased in volume and the store presents a very attractive appearance with its white fixtures and well arranged lighting system.

Z M E A & N C N H N

Chicago Headquarters RUSSELL OPHELIA KILLARNEY

Positively the largest and finest supply obtainable in the Chicago market. Also large quantity of fine Ward, Sunburst, Richmond, Milady, and White Killarney roses.

CARNATIONS

Extra choice stock in all the best new and standard varieties.

ALSO ORCHIDS, VALLEY, SWEET PEAS,
LILIES, PAPER WHITE NARCISSUS, GREENS.



Remember when ordering that our line is so complete that it includes every item offered in the Great Chicago Market.

30 E. Randolph St., Chicago

L. D. Phones
Central 3283
Automatic 3284
Automatic, 42-965

Los Angeles.

SUPPLY LIMITED AND PRICES HIGH.

With real Christmas weather there was considerable zest to the holiday shopping period this year. The flower stores had been beautifully decorated and early reports indicate a record-breaking business, greatly in excess of previous years. The supply of green was particularly heavy and wreaths were much in evidence. Good flowers were scarce. Carnations were quoted at from \$1.50 to \$2 per dozen and the rose growers who had the glass also came in for their full share of the money. Very few azaleas were seen and while there seemed to be a good supply of cyclamens the prices were high. The same could be said of poinsettias, small plants selling at from 50 to 75 cents each. There was a tendency toward high prices generally. Lily of the valley was practically off the market entirely.

NOTES.

The stock room of Wright's Flower Shop was a sight worth seeing. Here were seen some good azaleas and loads of made-up baskets. This firm seems to have the only offerings of lily of the valley and gardenias.

The Redondo Floral Co. was very busy and correspondingly happy. They report one of the best holiday seasons in their history. Albert Knopf, who has been on the sick list, is again on duty.

Wolfskill Bros. & Morris Goldenson were well prepared for their Christmas trade. They had a big supply of poinsettias, heather, cyclamens, roses, etc., all of excellent quality.

Seki Bros. & Co. were among the few dealers who had chrysanthemums to offer. They also had good carnations of their own growing. Counter trade was good.

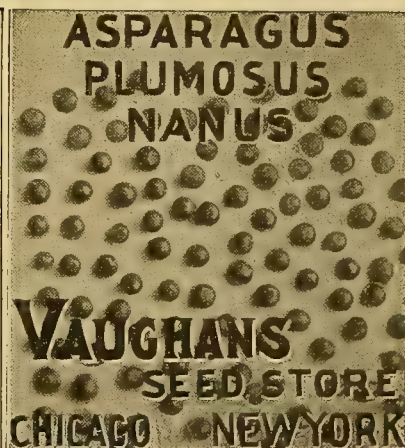
For really artistic decorations, we doubt if there is anyone on the coast that can excel J. W. Wolters, and as usual his store this year was attractive as ever.

O. C. Saakes was as busy as Santa Claus. His salesroom was one of the show places of the city.

The Broadway Florists were well stocked for the Christmas trade and everything was attractively displayed.

G. H. H.

Asparagus Plumosus Nanus



NEW CROP SEED NORTHERN GREENHOUSE GROWN

Price Per 100 seeds, 50c; 250 seeds, \$1.00; 1000 seeds, \$3.50;
5000 to 10,000 seeds at \$3.00 per 1000.

Prices on larger amounts on application.

CHICAGO

VAUGHAN'S SEED STORE,

NEW YORK

Mention the American Florist when writing

Cleveland.

CHRISTMAS SUPPLY CLEANS UP WELL.

The demand for cut flowers for Christmas was very good, following a week of good business in supplies and Christmas greens. The market was well supplied and orders were filled promptly, and in most cases, in full. Stock was uniformly good. A few growers still believe it is essential to hold stock back, and as usual they lose. Carnations cleaned up entirely, as did lily of the valley, orchids, poinsettias, snapdragons, buddleia, calla and Easter lilies, stevia, sweet peas, etc. Roses were in larger supply, and while the demand was good, there was a surplus in all grades and varieties. Paper White narcissus was also in heavy supply and the whole-

salers' tables were full of them. Violets moved nicely and brought a trifle higher price than former years all around. Greens of all kinds were plentiful.

C. F. B.

NEW ORLEANS, LA.—The German Gardeners' Club has nominated the following officers: Paul Abele, president; Henry Kraak, vice-president; John Rink, treasurer; A. V. Damerau, secretary.

BOSTON, MASS.—The Gardeners' and Florists' Club of Boston, at its annual meeting elected the following officers for 1917: James Methven, president; Andrew K. Rogers, vice-president; S. J. Goddard, treasurer; W. N. Craig, secretary.

Order Your Supply Now!

Make Your Selection of These Six Special Offers and Let Us Have Your Orders as Early as Possible.—Do it today if Convenient.

Plant Baskets.

No. 1—\$18.00.

12 Plant Baskets for plants ranging in size from 5 to 10-inch pots.

No. 2—\$12.00.

12 Plant Baskets for plants ranging in size from 5 to 10-inch pots.

No. 3—\$8.00.

12 Plant Baskets for plants ranging in size from 5 to 10-inch pots.

Cut Flower Baskets.

No. 1—\$7.50.

25 Baskets for short-stemmed cut flowers.

No. 2—\$15.00.

25 Baskets for medium-stemmed cut flowers.

No. 3—\$19.00.

25 Baskets for long-stemmed cut flowers.

Willow and Reed used exclusively in our Baskets. Prices include liners.

WRITE FOR OUR NEW CATALOGUE.

RAEDLEIN BASKET COMPANY

713 Milwaukee Ave..

CHICAGO



St. Louis.

XMAS SALES AND PRICES SATISFACTORY.

Business was very good during the past week, as far as the wholesale trade was concerned. The shipping business was very heavy. Stock has been plentiful, and of very fine quality. The wholesalers had some trouble during the last days of the week with express companies, but otherwise the stock arrived in excellent condition. The weather was favorable; the first part of the week was cold and the thermometer showed a zero on Thursday, but the temperature rose to 36° on Saturday and the sunshine was bright. American Beauties of fine quality cleaned up well at \$10 per dozen for the long stemmed. Russell roses were plentiful and brought very good prices, ranging from \$15 to \$50 per hundred. Killarney Brilliant and Ophelias sold well and brought good prices for the good quality. Red roses like Richmond, Hoosier Beauty and Milady were scarce and brought very high figures. Some of the best sold at \$5.00 per dozen. The market was well supplied with carnations of very fine quality, the red being a little short. They found an easy market at \$5 to \$8 per hundred for light colors, and \$10 for red, and they cleaned up well. Narcissi were plentiful and as "help-out" flowers they were sold quickly at \$2 to \$3 per hundred. Lily of the valley cleaned up at \$6 per hundred and orchids found ready market at 75 cents and \$1 each. The quality of orchids was very good. Some very fine Spencer sweet peas could be had at \$1.50 and \$2 per 100. Violets were very fine and cleaned up fairly well at \$1 to \$2 per hundred. Considerable wild smilax and boxwood are being offered and green goods in general seem to be in good supply. Plants were scarce. Only a few good azaleas and poinsettias were to be had from local growers and quite a few shipments reached this city frozen. The retailers seeing those conditions arranged more hampers and baskets than ever.

December 26.—Stock arrived on the market in good condition and there is plenty of good stock available.

C. A. Kuehn's shipments now include a good supply of orchids and lily of the valley, which are in good demand at the store. When the stock from J. F. Ammann & Co., of Edwardsville, starts to come in right, he will have something unusually fine in all lines to offer to his customers.

H. G. Berning has had an unusually busy month and Otto Bruenig was his real right hand man. He handled big quantities of Russell, Killarney, Ophelia and American Beauty. The carnations which A. Jablonsky shipped to his market were excellent.

The holiday business in neighboring cities, like St. Charles, Kirkwood, Webster Groves, East St. Louis, Belleville and Alton, was very good. The retailers worked hard to get the deliveries out on time.

Frank Windler & Co. are now offering fine violets and Spencer sweet peas. Al Gumz says that city trade is very good and the holiday business was excellent.

Pilcher's roses at the Wm. C. Smith Wholesale Floral Co. found ready market for the holiday trade. His Russell were very good and brought good prices.

Mrs. R. Schoenle, Windler's and Bergstermann's did fine business, especially in plants. Their stores are located in good south end neighborhoods.

The shipments of supplies at George Angermueller's were good. Fred is still on the sick list, but doctors promised that he will be soon on the job.

All retailers did a splendid business. The downtown stores were open all Sunday and Monday until late in the evening.

The Nicotine Mfg. Co. is distributing an interesting puzzle to its customers.

X. Y. Z.

OAKLAND, CALIF.—Henry M. Sanborn, head of the H. M. Sanborn Co., one of the oldest and best known florist firms in the west, with stores in this city and Berkeley, died recently, aged 66 years.

Wichita, Kans.

COLD WEATHER HURTS CHRISTMAS TRADE.

Unusually cold weather for the first three days of Christmas week spoiled business for those days—and it is doubtful if the receipts of the following days before Christmas were heavy enough to overcome the handicap, although the total for Saturday will probably make a record for an ante-Christmas day. The demand for Christmas plants and made-up plant baskets was good. Cyclamens, poinsettias and Cincinnati begonias were about equally in demand. Christmas peppers and cherries sold about as usual. No azaleas to speak of were seen on this market. Cut flowers were sold up early, carnations being especially scarce. Much cut flower stock was purchased in Chicago and other wholesale markets, with the usual complaint that some of the carnations did not enjoy the trip and went to sleep. Holly, mistletoe and other greens were in moderate demand, with quality indifferent. Green wreathing was in very small demand, mainly owing to increased price in recent years.

NOTES.

The azaleas for W. H. Culp & Co., were among those caught in the "November freeze" in transit between New York and Chicago, and for the first time in 15 years they were without their own azaleas for Christmas.

F. Kuechenmeister recently received a consignment of Holland shrubbery and plants which was badly damaged by frost. Charles P. Mueller suffered a similar loss with his azaleas.

The zero weather for the first half of the week caused much inconvenience and damage to plant shippers.

Chas. P. Mueller put another delivery car in commission in time for the rush. It's a Ford.

Frank Cluff sold clean of all suitable stock at his greenhouses.

C. A. Rose reports good business in all lines for Christmas. C.

NEW ORLEANS, LA.—Mrs. F. Gruaz has erected a handsome store and residence on her Washington avenue property.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. F. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

The Largest, Best Equipped,
Most Centrally LocatedWHOLESALE
CUT FLOWER HOUSE
IN CHICAGO

174-6 N. Wabash Ave., CHICAGO

L. D. Phones
CENTRAL 1977 and 1978.

Mention the American Florist when writing.

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Mention the American Florist when writing

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.Wholesale Cut Flowers,
Florists' Supplies.

Mention the American Florist when writing

PATERSON, N. J.—Edward Sceery, well-known florist, has been elected a director in the new South Side Trust Co. of this city.

FRAMINGHAM, MASS.—The "field day" of the Gardeners' and Florists' Club of Boston, to be held in this city, has been postponed to a date in January, owing to heavy snowstorms.

BOSTON, MASS.—The establishment of Philip L. Carbone at 342 Boylston street was destroyed by fire, supposed to have been caused by overheated steampipes, December 12. The loss was \$40,000, covered by insurance.

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST.		Per doz.
Roses, Beauty, specials	\$6 00@ \$9 00	
" " 36-in.	5 00	
" " 30-in.	4 00	
" " 24-in.	3 00	
" " 20-in.	2 50	
" " 18-in.	1 50@ 2 00	
" " short.....per 100,	6 00@ 8 00	
" Mrs. Chas. Russell.....	1 00@ 5 00	
"	Per 100	
" Hoosier Beauty.....	6 00@40 00	
" Killarney Brilliant.....	4 00@15 00	
" Killarney.....	4 00@20 00	
" White Killarney.....	4 00@15 00	
" Richmond.....	4 00@15 00	
" Prince de Bulgarie.....	4 00@15 00	
" Rhea Reid.....	4 00@15 00	
" My Maryland.....	4 00@15 00	
" Mrs. Geo. Sawyer.....	4 00@15 00	
" Milady.....	4 00@15 00	
" Sunburst.....	4 00@15 00	
" Mrs. Aaron Ward.....	4 00@15 00	
" Hadley.....	4 00@15 00	
" Ophelia.....	4 00@15 00	
" Double White Killarney.....	4 00@15 00	
" Mrs. Moorfield Storey.....	4 00@15 00	
" Champ Weiland.....	4 00@15 00	
" Stanley.....	4 00@15 00	
" Tipperary.....	4 00@15 00	
" Francis Scott Key.....	4 00@15 00	
" Bayard Thayer.....	4 00@18 00	
" Cecile Brunner.....	4 00@15 00	
" George Elgar.....	3 00	
" Baby Doll.....	2 00	
" Fireflame.....	4 00@ 6 00	
" Our selection.....	5 00	
Carnations.....	1 00@ 6 00	
Cattleyas.....per doz.,	7 50@ 9 00	
Vandas.....	25c per bloom.	
Freerias.....	2 00@ 5 00	
Gardenias.....\$4 00@46 00 per doz.		
Sweet Peas.....	2 50	
Daisies.....	1 00@ 2 00	
Calendulas.....	2 00@ 4 00	
Snaptagons.....	50@51 00 per doz.	
Violets.....	1 50	
Lilium Harrisii.....	12 50@15 00	
Valley.....	6 00@ 8 00	
Adiantum Croweanum.....	1 00@ 1 50	
Stevia.....per 100	1 50@2 00	
Paper Whites.....per 100	3 00@4 00	
Ferns.....per 1000,	2 50@ 3 00	
Galax.....	1 00@1 25	
Leucothoe.....	75	
Mexican Ivy.....per 1000,	5 00@6 00	
Plumous Strings.....each,	60@ 75	
Smilax.....per doz.,	2 00	
Sprenger.....Plumous Sprays.....	3 00@ 4 00	
Borwood, 25clb., per case.....	8 00	
Wild Smilax.....per case,	\$6 00	

EDWARDSVILLE, ILL.—Mrs. J. F. Ammann, who was operated upon early in the month, is progressing favorably and able to be up occasionally.

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

Mention the American Florist when writing

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

Mention the American Florist when writing

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

Mention the American Florist when writing

HOERBER BROS.

Wholesale
Growers of **Cut Flowers**

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave., Chicago

Mention the American Florist when writing



Mention the American Florist when writing

Beauties-Lilac-Gardenias

Three items that are in good demand now. If you place your order with us we can assure you of good quality, the lowest market price and we are in a position to fill your orders on short notice.

THE LEO NIESSEN CO.,

1201-5 Race St., Philadelphia, Pa.

Philadelphia.

CHRISTMAS MARKET NEVER BETTER.

Reports indicate the biggest Christmas ever. The market was never in better shape, and neither the supply of plants or cut flowers was in excess of the demand. All the retail stores were prepared and were kept very busy disposing of wreaths, plants, cut flowers, baskets, etc., the advance orders being in excess of those last year. Roses were in very good shape, but not quite as firm in price as anticipated. American Beauty was on hand in good numbers and moved well. Carnations were not in any great supply and are therefore sold freely. Fancy varieties, especially reds, brought \$10 and \$12 per 100; other varieties \$6 to \$8 per 100. Violets were in short supply and moved well at from \$1 to \$2 per 100, the latter price for good quality stock. The demand for sweet peas was good, there not being enough to meet requirements. Orchids are selling well and at good prices. Lilies moved well, the supply not being adequate to meet the steady demand. Gardenias were plentiful, with only a moderate call. Good stock of lily of the valley sold well, but hardly any call for poor quality. A few daisies are coming in, both the yellow and white varieties, but the supply not being enough for the daily call. Stevia is now very plentiful, but good mignonette is scarce, though there is quite a supply of the poorer grades. Poinsettias were in good supply, as well as bouvardia. There were also enough Paper Whites, though antirrhinum was in short supply. There was a scarcity of flowering plants for the Christmas trade, which has not been known for some time, and anything at all in the plant line sold readily. F. C.

Newport, R. I.

TRADE SHOWS BIG INCREASE OVER 1915.

The Christmas trade in this city showed an increase of from 10 to 40 per cent over previous years with cut flowers and plants high in price, the demand for the latter especially brisk. Carnations sold at prices varying from \$1.50 to \$2.50 per dozen, roses at from \$2 to \$10 per dozen. American Beauties, Killarney and Ophelia were most in demand. Violets cleaned up early and the quality was good. Holly and boxwood wreaths sold well. Poinsettias, cyclamens and azaleas were the favorites in the plant class. A few primroses and watonias were to be seen. Boston ferns also had a good run.

Thomas J. Gibson had the decoration of the F. D. Berrien affair, using hundreds of poinsettias and American Beauty roses in the arrangement.

J. J. B.

COLUMBUS, O.—John R. Hellenthal reports a much better Christmas trade than during the corresponding period of 1915. Stock in general was of good quality and prices were about the same as a year ago with the exception of carnations and roses which were sold at an advance. Flowering plants were in great demand, especially extra large poinsettias. Violets were short of the demand.

BEAUTIES-RUSSELL AND OPHELIA ROSES VALLEY AND VIOLETS

and all other flowers in season. Ferns, Galax, Magnolia Leaves, Asparagus, Adiantum, Etc.

H. G. BERNING,

WHOLESALE FLORIST

1402 PINE STREET,

ST. LOUIS, MO.

EDWARD REID

American Beauties, Orchids, Valley.

High Grade Roses and Carnations.

This is the exclusive shop, only one block from Express Depots.

1619-1621 Ranstead Street,

PHILADELPHIA, PA.

Wholesale Flower Markets

BUFFALO, Dec. 27.		Per 100
Beauty Special.....		75 00
" Fancy.....		50 00@60 00
" Extra.....		40 00@50 00
" 1st.....		20 00@35 00
" 2nd.....		8 00@15 00
Roses, Killarney.....		6 00@20 00
" My Maryland.....		10 00@20 00
" Sunburst.....		2 00@20 00
" Ward.....		6 00@15 00
" Ophelia.....		10 30@20 00
" Russell.....		15 00@30 00
" Stanley.....		10 00@20 00
" Mock.....		6 00@15 00
" Shawyer.....		10 00@20 00
Lily of the Valley.....		6 00@ 8 00
Lilies.....		10 00@20 00
Cattleyas.....		75 00@85 00
Carnations.....		8 00@12 00
Violets.....		1 00@ 1 25
Asparagus Sprengeri.....	35@	50
Ferns.....	per 1000,	2 50
Smilax.....		15 00@20 00
Stevia.....		1 00@ 1 50

CINCINNATI, Dec. 27.		Per 100
American Beauty, per doz.....	1 00@	12 00
Roses, Killarney.....		4 00@15 00
" Mrs. Chas. Russell.....		8 00@25 00
" Ophelia.....		8 00@20 00
" Richmond.....		6 00@20 00
" Sunburst.....		4 00@12 00
Carnations.....		6 00@10 00
Lilium Giganteum.....		10 00@12 50
Lily of the Valley.....		6 00@ 7 00
Orchids.....		9 00@12 00
Narcissus.....		3 10@ 4 00
Violets.....		1 50@ 2 00
Stevia per bunch.....	25@	35

BOSTON, Dec. 27.		Per 100
Roses, Beauty.....		20 00@60 00
" Killarney Queen.....		4 00@12 00
" White and Pink Killarney.....		4 00@12 00
" Double White Killarney.....		4 00@12 00
" Killarney Brilliant.....		6 00@16 00
" Hadley.....		6 00@16 00
" Cardinal.....		4 00@ 8 00
" Mock.....		8 00@16 00
" Mrs. Chas. Russell.....		8 00@16 00
" Sunburst.....		8 00@16 00
" Taft.....		4 00@ 6 00
" Milady.....		4 00@ 8 00
" Ward and Hillingdon.....		4 00@ 8 00
" My Maryland.....		50@ 5 00
Cattleyas.....		60 00@75 00
Lily of the Valley.....		5 00@ 8 00
Sweet Peas.....		50@ 1 00
Carnations.....		1 50@ 5 00
Paper White.....		2 50@ 3 00

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

262B DEVONSHIRE STREET,
BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 a. m.

Mention the American Florist when writing

BERGER BROS.

Central Market

ROSES, ORCHIDS, VALLEY

High Grade Carnations
Always high grade Easter Lilies

1225 Race St., Philadelphia, Pa.

Mention the American Florist when writing

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., Milwaukee, Wis.

Wholesalers and Growers of
**Choice Cut Flowers
and Greens**

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower ship-
pers in MINNEAPOLIS. Let us sup-
ply your wants. If it is on the mar-
ket we can furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

Mention the American Florist when writing.

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
in Kansas City. If on the market, we
have it. Get our prices and we will fill
your orders. Satisfaction guaranteed.

1016-1018 McGee Street

Kansas City, Mo.

Mention the American Florist when writing.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

H. Bayersdorfer & Co.

The Wholesale Supply
House of America ...

EVERYTHING THE BEST IN FLORISTS' SUPPLIES
1127 Arch St., Philadelphia, Pa.

Pittsburgh Cut Flower Co.

WHOLESALE GROWERS

116-118 Seventh Street

PITTSBURGH, - PA

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245.

P. O. Box 206

444-446 Milwaukee St., Milwaukee, Wis.

Fancy Ferns

Special Picked. Leave Your
Regular Orders with Us.

Lily of the Valley and Orchids, Chrysanthemums, Lillies,
Fancy Roses and Carnations.

FLORISTS' SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist.
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Dec. 27.		Per 100
Roses, Beauty, special.....	25 00@30 00	
" " fancy.....	16 00@20 00	
" " extra.....	12 00@15 00	
" " shorter grades.....	6 00@10 00	
" Mrs. Chas. Russell.....	3 30@15 00	
" Prima Donna.....	3 00@15 00	
" Killarney.....	2 00@6 00	
" White Killarney.....	2 00@6 00	
" Liberty.....	2 00@6 00	
" Hadley.....	4 00@12 00	
" Sunburst.....	3 00@6 00	
" Ophelia.....	3 00@8 00	
" Hoosier Beauty.....	4 00@6 00	
Carnations.....	1 00@2 00	
Cattleyas.....each, \$0 40@ 50		
Lilium Longiflorum.....	8 00@10 00	
Valley.....	4 00@6 00	
Calendulas.....	2 00@4 00	
Daisies, yellow.....	1 00@3 00	
" white.....	1 00@3 00	
Violets, single.....	50@ 75	
" double.....	50@ 75	

PITTSBURGH, Dec. 27.		Per 100
Roses, Beauty, special.....	65 00	
" " fancy.....	50 00	
" " extra.....	35 00	
" " No. 1.....	25 00	
" Killarney.....	4 30@15 00	
" My Maryland.....	4 00@15 00	
" Sunburst.....	4 00@15 00	
" Mrs. Aaron Ward.....	4 00@15 00	
Cattleyas.....	75 00	
Lilium Giganteum.....	12 00	
Carnations.....	4 00	
Lily of the Valley.....	6 00	
Snapdragons.....	5 00	
Paper Whites.....	4 00	
Violets.....	1 00	
Adiantum.....	1 25	
Stevia.....	2 00	
Asparagus Sprengeri, per bunch.....	35@40	

MILWAUKEE, Dec. 27.		Per 100
Roses, Killarney and W. Killarney.....	8 00@20 00	
" Ward.....	10 00@25 00	
" Mrs. Chas. Russell.....	15 00@35 00	
" Ophelia.....	10 00@25 00	
" Hoosier Beauty.....	15 00@35 00	
Lillies.....per doz., 2 00		
Cattleyas.....per doz., 12 00		
Carnations.....	5 00@ 6 00	
Rubrum.....	4 00	
Valley.....	5 00@ 6 00	
Violets.....	2 50	
Bouvardia.....	75@ 1 00	
Stevia.....	1 50	

DAVID WELCH

EDWARD J. WELCH

WELCH'S WHOLESALE AND COMMISSION FLORISTS

FLORISTS' SUPPLIES

280 and 282 Devonshire St.,
BOSTON, MASS.

Consignments of Beauties, Lillies of the Valley,
Orchids and all other flowers received daily.

Telephone—Court Hill 2964, 2965.

Philadelphia Wholesale Florists' Exchange

High Grade Roses, Violets, Gardenias and Orchids
and other Seasonable Flowers.

Up-to-the-Minute Service. Satisfaction Guaranteed.
A good opening for a few more growers of cut flowers.

1615 Ranstead St., Philadelphia, Pa.

ST. LOUIS, Dec. 27.		Per 100
Beauty, Special.....	5 00 per doz.	
" Fancy.....	4 00	
" Extra.....	3 00	
" No. 1.....	2 00	
" No. 2.....	1 50	
" Short.....		8 00

Hadley.....	4 00@ 8 00
Killarney.....	3 00@ 6 00
Hoosier Beauty.....	4 00@ 8 00
Richmond.....	4 00@ 8 00
Sunburst.....	3 00@ 8 00
Ward.....	2 00@ 5 00
Mrs. Shawyer.....	6 00@15 00
Mrs. Russell.....	6 00@15 00
Ophelia.....	3 00@ 8 00
Carnations.....	2 00@ 3 00
Valley.....	4 00@ 6 00
Lillies.....	50 00@ 10 00
Orchids.....	50 00@ 60 00
Ferns.....per 1000.	2 00

New York.

CHRISTMAS SALES EXCEED THOSE OF 1915.

Christmas business was good. All the leading retail stores report better business than last year, particularly in plants. If there was a drawback, it was that there was not enough of some varieties and sizes of plants. One leading retailer stated that all but one of his plantmen cut his orders. While there are many people in this city who will pay a high price, if they can get what they want, the retailers in all sections of the city were unanimous in saying that the wholesale prices on cut flowers were too high. This was more noticeable in red carnations, which were started by some dealers at the rate of \$15.00 per 100. It has been pointed out that carnations are no longer a novelty; that the customers of the leading retail stores buy but few of them, roses and violets being preferred at a holiday, and that the customers of the smaller stores cannot afford to buy them at \$2.50 or \$3 per dozen. The practice of some growers in holding back stock for 10 days or two weeks before Christmas has been so frequently condemned in these columns that it is unnecessary to enlarge on it, except to state that it happened again this Christmas, and as a consequence, carnations dropped on December 23; red to \$8 and \$10, Enchantress and the whites to \$5 and \$6, and there was no recovery. Roses sold well and at good prices and would have sold better, so far as cleaning up is concerned, had prices not been so high. The shorter grades of nearly all roses cleaned up well, but long stemmed specials, which were held at from \$35 to \$50 per 100 hung fire. Special American Beauties sold well on the two days preceding Christmas at \$1 each, wholesale rates. It may be a surprise to many to learn that there were some Hadleys on the market that brought \$1.25 each. Richmond was slow. All such roses as Scott Key, Mock, and Russell were started at high figures, meaning specials; but toward the close of buying they, too, went cheaper, particularly Russell, that started at 50 cents and dropped to 25 and 30 cents. Special Killarneys and Ophelias ranged from 15 to 25 cents. The Prima Donna is not popular in this market. The demand for orchids did not seem to be heavy, the bulk of the stock going at from 50 to 75 cents each. Violets started at \$1.50 per 100 for the best, but wholesalers complained that many arrived in poor condition from having been held too long, and had to be sold much cheaper. There was a fair movement in the best gardenias at \$4 per dozen, but inferior stock went much cheaper. There was a fair movement in lilies, lily of the valley, poinsettias and sweet peas, but nothing extraordinary. What Golden Spur narcissus was on the market sold at \$1.25 and \$1.50 per dozen. The weather throughout was fair; a heavy rain had melted the snow from the streets and there was no trouble with deliveries. The wholesalers generally were open all the night of December 23 and all the day and night of the 24th. While there was considerable business in cut flowers in the retail stores on Christmas forenoon, the wholesale district was very quiet and a quiet week may be expected. We will repeat, that taking a broad view, it was a good Christmas. In the foregoing we have stated the conditions, as there never was a Christmas and never will be, until the millennium, when everybody was entirely pleased.

NOTES.

In a decision rendered in the supreme court in Brooklyn, December 23, Judge Cropsey upheld the rights of Civil War veterans in the employ of the city. At the beginning of 1916,

OUR MOTTO: The Best the Market Affords.

Valley

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York.

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

William E. Weeks, a veteran, was assistant superintendent of parks under Commissioner Ward, at a salary of \$2,500 a year. At that time he was told no appropriation had been made in the 1916 budget for the position and that further employment in the department was not open to him. Through his counsel, Alfred J. Talley, he appeared before Justice Cropsey and asked for a writ of mandamus. Justice Cropsey issued the writ, which calls for Weeks' reinstatement at once, either as foreman mechanic at \$1,800, or district park foreman at \$1,500 a year. In rendering the decision, Justice Cropsey said, in part: "The courts should see that the laws relating to veterans do in fact work out the benefits for them that are plainly intended and should be keen to thwart all attempts to circumvent them." The justice held "that the abolition of the office which Weeks had held could not have been brought about in the interest of economy."

We offer no apology for quoting from the newspapers when they touch on our line of business. The following under the caption, "A Joy Robber," is from the Evening Telegram of December 22: "There's no sentiment in business. Christmas trees fetching from \$1.50 to \$2.50 at wholesale are held at \$5 to \$15 retail. They say (1) it's the war and (2) it's pine blister. Both allegations are outrageously false. As shown by the Evening Telegram on December 11, when the first hint of tree scarcity was cunningly circulated, the supply is greater than ever this year, owing to the embargo against cutting them imposed three years ago by the federal government having been raised. Commissioner of Weights and Measures Hartigan has found the "Christmas Tree King," but can't reach him, because conspiracy to raise prices cannot be proven." In justice to the florists who sell Christmas trees, it should be stated that the larger part of the trees are handled by the market men and grocers, and that the florists keep them more as an accommodation to their customers than to sell them at a profit.

The following well-known retailers have advised us that their Christmas business was an improvement on that of 1915: David Clarke's Sons, Alexander McConnell, G. E. M. Stumpp, Malandre Bros., T. F. Galvin, Inc., Ralph Armstrong, Alfred Kottmiller, A. Ehmann, Astoria Florist, Cathedral Florist, Boulevard Florist and N. Christatos.

Alfred H. Langjahr, who, for the past five years, has been located, as a wholesaler, at 130 West 28th street, will vacate February 1, but has not yet decided on his future location. In this connection it may be stated that high rentals are causing considerable dissatisfaction in the wholesale district.

The next meeting of the florists' club will be held in the Grand Opera House building, 8th avenue and 23rd street, on the night of January 8, 1917. The officers-elect will be installed and other business of interest and importance will be transacted. A large attendance is assured.



Mention the American Florist when writing

—We are—

Wholesale Florists

Have twenty-two years' experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

GUTTMAN & RAYNOR,

INC.
FARRAGUT { 558 101 W. 28th St.,
2036 NEW YORK
2037

PHONE—FARRAGUT 8913

JAMES COYLE
WHOLESALE FLORIST
64 West 26th St., NEW YORK
(Opposite Coogan Building)
20 years experience
Consignments Solicited and Prompt RETURNS GUARANTEED.

M. C. Ford
121 WEST 28th STREET
NEW YORK

Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers

A complete assortment of the best in the market can always be relied upon.

Wm. M. Hendberg, the popular retailer of 415 Washington street, Hoboken, fell on the slippery sidewalk, December 16, and broke his left arm at the elbow; but being a man of nerve, he is keeping about and visits the wholesale district as usual.

Several of J. H. Small & Sons' decorators returned from Boston December 21, where they arranged an elaborate ball room and table decoration in the Hotel Somerset, for one of the most brilliant coming-out events of the season.

We believe that the largest supply of roses for Christmas, received by any one wholesaler, reached Horace E. Froment from the range of L. B. Coddington, Murray Hill, N. J. Hession, Madison avenue and 76th street, had a fine Christmas business and was practically sold out of plants by Christmas morning.

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone:
 3364 Farragut.

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones: 1664 Madison Square, 34 W. 28th St., New York
 Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

GEO. J. POLYKRANAS
 Wholesale Commission Florist
Consignments Solicited
104 West 28th St., NEW YORK
 Telephone No. 2264 Farragut.

Walter F. Sheridan
 Wholesale Florist
 Telephone Call:
 3532-3533 Farragut 133 W. 28th St., New York
 All the NEW ROSES, CARNATIONS and
 Seasonable Flowers.

HORACE E. FROMENT
WHOLESALE COMMISSION
 All the New and Standard Varieties of Roses,
 Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
 Telephones: Farragut 300 and 301

John Young & Co.
 Wholesale Commission Florists
53 W. 28th St., NEW YORK
 Telephone 7362 Madison Square
 Mention the American Florist when writing

WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
 Telephone, 5335 Farragut
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J. J. COAN, Inc.
 Wholesale Commission Florist
115 W. 28th St., New York
 Telephones: Farragut 5413 and 5891.
 CONSIGNMENTS SOLICITED.

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
 Tel. 608 and 609 Farragut.
 CONSIGNMENTS SOLICITED.

Telephone Farragut 9761

Goldstein & Futterman
WHOLESALE FLORISTS
 The Right People to Deal With.
102 West 28th St., New York
 Mention the American Florist when writing

Wholesale Flower Markets

NEW YORK, Dec. 27		Per 100
Roses, Beauty, special.....	50	00@60 00
" " extra and fancy....	40	00@25 00
" " No 1 and No 2.....	20	00@25 00
" Prima Donna.....	4	00@25 00
" Alice Stanley.....	5	00@21 00
" Francis Scott Key.....	6	00@40 00
" Mrs Geo. Shawyer.....	5	00@15 00
" Double White Killarney.....	5	00@15 00
" Killarney, Special.....	5	00@15 00
" " No 1 and No 2.....	4	00@6 00
" " Queen.....	5	00@15 00
" " Brilliant.....	5	00@15 00
" Aaron Ward.....	6	00@20 00
" Richmond.....	5	00@15 00
" Sunburst.....	5	00@20 00
" J L Mock.....	5	00@25 00
" Ophelia.....	5	00@20 00
" Mrs. Chas. Russell.....	5	00@20 00
" Cleveland.....	5	00@15 00
" Hadley.....	6	00@60 00
" Hoosier Beauty.....	5	00@20 00
Cattleya Orchids, special.....each,		75
inferior grades.....	35	00@75 00
Bouvardia.....	3	00@6 00
Rubrams.....	8	00@10 00
Lilies, Longiflorum and Harrisii.....		12 00
Lily of the Valley.....	4	00@5 00
Carnations.....	5	00@6 00
Carnations inferior grade.....	3	00@4 00
Mingonette.....per doz	75	@1 00
Poinsettias.....per doz	2	00@3 00
White Lilac.....per bunch		1 50
Gardenias.....per doz.	1	00@4 00
Sweet Peas.....	1	50@2 00
Snapdragons.....	8	00@10 00
Violets.....		50@1 00
Yellow Narcissus.....	8	00@10 00
Paper White Narcissus.....	1	60@2 65
Adiantum Croweanum and		
Hybridum.....	75	@1 00
Asparagus Plumosus...doz. bchs.	2	50@3 00
Smilax.....doz. strings,		1 00

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
 Telephones: Farragut 4422
 4423

HOUSE OF FERNS
 Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.

Frank H. Traendly Charles Schenck
Traendly & Schenck
 Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Farragut.
 Orchids, Roses, Carnations and all the other
 best products of the leading growers.
 Consignments solicited.

W M. KESSLER,
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.
 Desirable well space to rent for advertising.

V. S. DORVAL, Secretary.

The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
 Florist Trade at Wholesale.
 Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK

George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.

Nippon Garden, Inc.
 Successors to Satow & Suzuki.
259 Fifth Avenue, NEW YORK
 Greenhouses: Woodside, L. I.
 Telephone: Madison Square 8950.
 We are headquarters for Japanese Miniature
 Gardens. Fern Dishes, Vases, Flower Pots, Jar-
 dinieres and Dwarf Plants. A great stock of
 Fern Monkeys and Fern Balls.

Telephone Farragut 634, 3066

HERMAN WEISS
 Wholesale Florist
106 W. 28th St., NEW YORK

GEO. W. CRAWBUCK, Pres.

George W. Crawbuck Co.
 (INC.)
 Wholesale Commission Florists
47 WEST 28th STREET, NEW YORK
 Telephone, Madison Square 5296.

A BIG CUT IN PRICES — BUT — NO CUT IN QUALITY

This is your opportunity to buy the regular "Arnold Quality" boxes at a price far below present market values. As long as they last, our present stock will be sold at prices listed below. We are unable to guarantee the filling of all orders as many of our sizes are nearly exhausted. We will, however, fill all orders in rotation as they come in. Place your order now, thus making sure that you get yours. All prices quoted are on 100 lots.

WHITE GLAZE

For Violets and Corsages.

7x 4x4, 2-in. covers.....	\$ 3.60
8x 5x5, " " " " " "	4.30
10x 6x5½, " " " " " "	5.00
14x10x8, " " " " " "	10.65

For Cut Flowers.

16x 4 x3, 2-in. covers.....	\$ 3.80
18x 5 x3, " " " " " "	4.30
21x 5 x3, " " " " " "	5.00
24x 5 x3½, " " " " " "	5.35
30x 5½x3½, " " " " " "	8.05
21x 8 x4, " " " " " "	6.60
24x 8 x5, " " " " " "	8.20
28x 8 x5, " " " " " "	9.25
30x 8 x5, Telescope.....	12.80
36x10 x5, " " " " " "	15.65
42x10 x5, " " " " " "	21.35
48x10 x5, " " " " " "	25.60

VIOLET GLAZE.

For Violets and Corsages.

7x 4x4, 2-in. covers.....	\$ 3.80
10x 6x5½, " " " " " "	5.25
14x10x8, " " " " " "	11.25

PLAIN VIOLET.

Made of Moisture-proof Board, for Violets and Corsages.

7x4x4, 2-in. covers.....	\$2.65
8x5x5, " " " " " "	3.35
10x6x5½, " " " " " "	3.80
12x8x5½, " " " " " "	5.25

MIST GRAY.

For Violets and Corsages.

7x 4x4, 2-in. covers.....	\$3.60
8x 5x5, " " " " " "	3.90
10x 6x5½, " " " " " "	4.30
14x10x8, " " " " " "	8.50
15x 6x5, " " " " " "	5.00

For Cut Flowers.

16x 4 x3, 2-in. covers.....	\$ 2.65
18x 5 x3, " " " " " "	3.05
20x 4 x3, " " " " " "	3.05
21x 5 x3, " " " " " "	3.60
24x 5 x3½, " " " " " "	4.30
30x 5½x3½, " " " " " "	6.45
18x 6 x4, " " " " " "	4.30
24x 6 x4, " " " " " "	4.95

For Cut Flowers—Continued.

36x 6 x5, 2-in. covers.....	\$ 9.00
21x 7 x3½, " " " " " "	4.60
21x 8 x4, " " " " " "	4.95
24x 8 x5, " " " " " "	5.90
42x 8 x5, Telescope.....	15.65
36x10 x5, " " " " " "	12.80
48x10 x5, " " " " " "	21.35

For Designs and Sprays.

30x12x6, Telescope.....	\$14.25
36x12x6, " " " " " "	17.10
20x12x8, " " " " " "	14.25
12x12x8, " " " " " "	12.80
14x14x8, " " " " " "	13.50
16x16x8, " " " " " "	14.25
24x24x8, " " " " " "	21.35
28x28x8, " " " " " "	27.00
24x14x8, " " " " " "	17.80
30x14x8, " " " " " "	20.60
36x14x8, " " " " " "	22.75
40x14x8, " " " " " "	24.85

MIST BROWN.

For Violets and Corsages.

7x 4x4, 2-in. covers.....	\$3.80
8x 5x5, " " " " " "	4.15
10x 6x5½, " " " " " "	4.50
12x 8x5½, " " " " " "	5.25
14x10x8, " " " " " "	9.00
15x 6x5, " " " " " "	5.25

For Cut Flowers.

16x 4 x3, 2-in. covers.....	\$ 2.80
20x 4 x3, " " " " " "	3.25
18x 5 x3, " " " " " "	3.25
21x 5 x3, " " " " " "	3.80
24x 5 x3½, " " " " " "	4.50
30x 5½x3½, " " " " " "	6.75
21x 7 x3½, " " " " " "	4.85
24x 8 x4, " " " " " "	5.80
24x 8 x5, " " " " " "	6.20
28x 8 x4, " " " " " "	6.30
36x 8 x5, Telescope.....	10.55
40x 8 x5, " " " " " "	13.50
42x 8 x5, " " " " " "	16.45
30x10 x5, " " " " " "	10.55
36x10 x5, " " " " " "	13.50
42x10 x5, " " " " " "	19.55
48x10 x5, " " " " " "	22.50

For Designs and Sprays.

30x12x6, Telescope.....	\$15.00
36x12x6, " " " " " "	18.00
20x12x8, " " " " " "	15.00
16x16x8, " " " " " "	14.75
24x24x8, " " " " " "	22.50
28x28x8, " " " " " "	28.50
24x14x8, " " " " " "	18.75
30x14x8, " " " " " "	21.75
36x14x8, " " " " " "	24.05
40x14x8, " " " " " "	26.30
42x17x8, " " " " " "	29.95
32x32x8, " " " " " "	37.55

MANILA.

For Cut Flowers and Designs.

16x 4 x3, 2-in. covers.....	\$ 2.50
20x 4 x3, " " " " " "	2.90
18x 5 x3, " " " " " "	2.90
21x 5 x3, " " " " " "	3.40
24x 5 x3½, " " " " " "	4.05
30x 5½x3½, " " " " " "	6.05
28x 6 x4, " " " " " "	4.75
18x 6 x4, " " " " " "	4.05
21x 7 x3½, " " " " " "	4.40
21x 8 x4, " " " " " "	4.75
24x 8 x4, " " " " " "	5.20
24x 8 x5, " " " " " "	5.65
28x 8 x4, " " " " " "	5.90
36x 8 x5, Telescope.....	9.45
40x 8 x5, " " " " " "	12.15
42x 8 x5, " " " " " "	14.70
30x10 x5, " " " " " "	9.45
36x10 x5, " " " " " "	12.15
42x10 x5, " " " " " "	17.55
48x10 x5, " " " " " "	20.20
40x10 x6, " " " " " "	20.20
28x 8 x6, " " " " " "	8.10
30x12 x6, " " " " " "	13.50
36x12 x6, " " " " " "	16.20
24x14 x8, " " " " " "	17.55
30x14 x8, " " " " " "	20.20
36x14 x8, " " " " " "	21.95
40x14 x8, " " " " " "	24.05

Samples will be sent and Special Trade and Cash Discounts quoted promptly upon request.

SPECIALS

We will sell these boxes at the prices listed below as long as they last. We have only a few left. At the prices offered they will not last long, so place your order at once if you want your share. They are all the regular well known "Arnold Quality" Boxes. Special trade and cash discounts will be quoted upon request. All prices quoted are on 100 lots.

PALM GREEN.

For Violets and Corsages.

7x4x4, 2-in. cover.....	\$3.80
15x6x5, Telescope.....	5.25
15x7x6½, " " " " " "	7.45

For Cut Flowers and Designs.

18x 5x3, 2-in. cover.....	\$ 3.25
24x 5x3½, Telescope.....	4.50
12x12x8, " " " " " "	14.86
24x24x8, " " " " " "	22.50
28x28x8, " " " " " "	26.00
28x28x8, " " " " " "	28.50

The "Old Favorite" Palm Green. Place your order now, before they are all gone. The Design and Violet sizes are a great bargain.

When cash is received with order, we will allow a special 5 per cent discount, in addition to regular trade discounts allowed.

PARCEL POST CONTAINERS.

24x 5x4, 2½-in. covers.....	\$ 4.50
30x 5x4, " " " " " "	5.00
28x 6x4, " " " " " "	6.00
24x 8x4, " " " " " "	5.75
28x 8x5, " " " " " "	6.50
30x12x6, 3-in. covers.....	15.50
36x12x6, " " " " " "	17.75
36x14x8, " " " " " "	20.00
40x14x8, " " " " " "	21.00
42x17x8, " " " " " "	24.00
24x24x8, " " " " " "	20.00
26x17x10, 4-in. covers.....	22.00
24x20x10, " " " " " "	22.00
24x24x10, " " " " " "	24.00
28x28x10, " " " " " "	30.00
30x30x9, " " " " " "	31.00

For Baskets and Potted Plants.

12x12x15.....	\$12.00
15x15x20.....	20.00
18x18x25.....	29.00
19x19x30.....	33.50

PEERLESS GREEN.

For Cut Flower and Design Boxes.

30x 5x3½, 2-in. covers.....	\$ 4.40
21x 8x4, " " " " " "	4.65
28x 8x4, " " " " " "	5.60
24x 4x3, Telescope.....	3.30
18x 5x3, " " " " " "	2.90
21x 5x3, " " " " " "	3.35
28x 8x5, " " " " " "	5.10
30x10x5, " " " " " "	9.25
30x12x6, " " " " " "	12.30
36x12x6, " " " " " "	16.00

A very good-looking shade of Light Green, slightly lighter weight quality than the Palm Green, but a very good box for local deliveries and a bargain at the prices offered.



The ideal packer for Shipping. You will find these a great help in having flowers arrive in fine condition. Waterproof inside and out.

A. A. ARNOLD PAPER BOX CO.
1302 W. Division St., CHICAGO, ILL.



A great Christmas attraction in Madison square was the tall Christmas tree brilliantly illuminated with many colored electric globes. It was a beautiful specimen of spruce over 50 feet high, and came from Long Island.

Thomas J. Martin, formerly with Traendly & Schenck, who has spent some time at Otisville, Orange county, for the benefit of his health, came to this city December 22 to spend Christmas with his mother.

Traendly & Schenck, 436 Sixth ave-

nue, as has been their custom for a number of years, served a turkey supper to their customers and other friends on Christmas eve.

Pappas Brothers, 2216 Broadway, put in a good stock of medium sized plants, and state that their business was twice as good as Christmas a year ago.

Goldstein & Futterman, 102 West 28th street, had fine stock of snapdragons, irises, freesias and Golden Spurs for Christmas, all of which sold well.

The Kervan Co., dealers in green at 119 West 28th street, had an enormous Christmas business, better we have reason to believe, than in any previous year.

Charles Lenker, the Freeport florist, recently held to the grand jury for insulting the American flag, is said to be dangerously ill of pneumonia.

The United Cut Flower Co., 111 West 28th street, had very fine stock of the roses, Russell, Mock and Richmond for Christmas. A. F. F.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established 1857.



739 Buckingham Place.

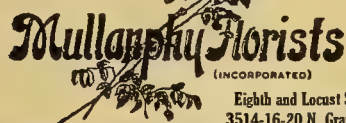
L. D. Phone, Graceland 1112.

Send us your retail orders.

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Nat. M. Kingsley
Martin J. Seeger



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Telegraph orders filled on short notice in St. Louis
and rest of Missouri.



Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

106 STATE STREET.

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Canada's best known and most reliable florist

Only the Best **Dunlop's**

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee safe arrival.

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J. M. Fox & Son, Inc.

437-39-41 Milwaukee St.

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BOSTON 1 Park Street
799 Boylston Street

Deliveries to steamers and all Eastern Points.

Max Schling

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Adjoining Plaza Hotel
Member of the Florists' Telegraph Delivery.

Original Decorations a Specialty.

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Branch 1808Park Ave. and
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STORESNew London, Conn., Norwich, Conn. and
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We are in the Heart of NEW YORK
And give special attention to steamer and theater
orders. Prompt delivery and best
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We cover all points in Maine.

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Floral Co.J. A. VALENTINE,
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WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for
delivery in the Twin Cities or the
Northwest.

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TELEGRAPH ORDERS forwarded
to any part of the United States,
Canada and all principal cities in
Europe. Orders transferred or en-
trusted by the trade to our selection
for delivery on steamships or else-
where receive special attention.

Reference or Cash must accompany all orders
from unknown correspondents.

Cable address; Alexconnell,
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Largest and most centrally located store in
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536 SOUTH SALINA STREET

General designs—All flowers in season

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310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

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Established 1874.

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N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. **Telegraph and Cable Address, DARDSFLOR.**

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20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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SEATTLE, WASH. HOLLYWOOD GARDENS

Seattle's Leading Flower Shop

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Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

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KEENAN BLDG.

Largest Floral Establishment in America.

Established 1874. Incorporated 1909.

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Filling Telegraph Orders.

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Archias Floral Co., Sedalla, Mo.
Baer, Julius, Cincinnati, O.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bramley & Sons, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Briggs Floral Co., Chicago.
Brooklyn Cut Flower Market, Brooklyn, N. Y.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Callahan, M. J., Philadelphia, Pa.
Central Floral Co., Chicago, Ill.
Central Floral Co., Detroit, Mich.
Clarke's Sons, David, New York.
Comley, Henry R., 6 Park St., Boston, Mass.
Cooke, Geo. H., Conn. Ave., and L. Washington.
Dard's, 44th and Madison Ave., New York.
Danker, Albany, N. Y.
Dominion Floral Co., The, Montreal, Quebec.
Drakos Co., 2953 Broadway, New York.
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Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
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Gasser, J. M., Cleveland, O.
Graham, A., & Son, Cleveland, O.
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Hardesty & Co., Cincinnati, O.
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Corner Broadway and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms

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In the Heart of the most exclusive residential section.

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J. S. Wilson Floral Co.

We cover all points in Iowa.

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Seventeen large Greenhouses. Deliveries
everywhere in Minnesota, Wisconsin, North
Dakota, South Dakota and the Upper Penin-
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Mail or telegraphic orders promptly and most
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Write or wire headquarters for flowers for Texas
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BEST FLOWERS for EVERY OCCASION.

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EVEN DEN BROS. CO.
Largest Growers in Central Pa.
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50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

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Member of Florists' Telegraph Delivery Ass'n.
124 TREMONT STREET

Chicago Detroit
CENTRAL FLORAL CO.

132 North State Street, CHICAGO, ILL.
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Special attention given to telegraph and mail orders for delivery in either city and adjoining territory. Both of our stores are located in the heart of each city, which means quick and efficient service to theatres, hotels, depots, etc. Our Chicago store is located opposite Marshall Field & Co.'s retail establishment and one block from the Great Central Cut Flower Market.

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"Some Florist"

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CHAS. A. DUERR.

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THINK OF HEINL'S

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St. Louis, Mo.
WIRE
Grimm & Gorly

Mention the American Florist when writing.

Augusta, Me.
F. A. ROBBINS, Florist
122 WINTHROP STREET
We deliver in Maine and all New England points.
Mention the American Florist when writing.

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

Cleveland, O.

A. Graham & Son
5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE
FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Members of Florists' Telegraph Delivery.

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Mention the American Florist when writing

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

PROVIDENCE, R.I.
and all T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing.

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President;
F. W. Bolgiano, Washington, D. C., First
Vice-President; L. L. Olds, Madison, Wis.,
Second Vice-President; C. E. Kendel, Cleve-
land, O., Secretary and Treasurer. Thirty-
fifth annual convention, June, 1917.

CELERY is a long item this season.

SALVIA ZURICH seed is a short item again.

CALIFORNIA has a normal supply of planting stock of carrot roots.

WAKEMAN, O.—Mr. and Mrs. Charles S. Clark, Jr., announce the birth of Arline Marie, December 7.

VALLEY, NEB.—The C. Herbert Coy Seed Co. mailed its customers a very attractive Christmas card this year.

CARL CROPP, of Vaughan's Seed Store, Chicago, has been chosen director of the new Western Springs state bank.

CHICAGO.—Prices for grass seed on the Board of Trade, December 27, were as follows: Timothy, \$4.00 to \$5.75 per 100 pounds.

VISITED CHICAGO: J. B. Agnew, Visalia, Calif.; Henry W. Swanson, representing the J. G. Peppard Seed Co., Kansas City, Mo.

COLUMBUS, O.—The ninth annual Ohio state corn show will be held in this city during farmers' week, January 29-February 2.

IRONTON, O.—Miss Mattie Therkindson has opened a seed store in the Jones building. A plant department will be added later.

AMONG dwarf wax beans scarce and high priced varieties are Davis Wax, Round podded Kidney, Refugee Stringless and Wardwell's Kidney.

CONSIDERABLE cold storage lily of the valley has been received at New York from Amsterdam, developed to such an extent as to be useless to growers.

LACROSSE, WIS. — W. D. Weedy, manager of the John A. Salzer Seed Co., spent several days in Washington and Philadelphia the week before Christmas.

It is stated that the scarcity of spinach seed is due to the fact that while supplied from Holland and other European countries most of the seed heretofore obtained from these sources has been produced in Germany, but so far it is not known whether the shortage is due to non-production or embargo.

BALTIMORE, MD.—J. Bolgiano & Son announced their intention of sharing the profits with those employees, who have been associated with them for a number of years, as a recognition of their loyalty and industry. This plan was put into operation last week, when substantial checks were handed to those who were entitled to them for the year ending September 1, 1916, which year was one of the best in the 99 years of this firm's existence. At the same time it was decided to increase the salaries of those employees entitled to such increase through merit and devotion to duty.

Erfurt Notes.

There are at the front four of the firm of F. C. Heinemann, the same number of Ernst Benary and three of the sons of Franz Anton Haage. The son of Carl Schmitt of the firm of Haage & Schmitt has been invalided home.

The past summer Haage & Schmitt had planted 70 acres of their flower seed farm to potatoes and grain. G. Schroeter, Salzwedel, planted all of his farm to vegetables for seed and reports one of his most profitable seasons. F. C. Heinemann reports a very busy season in vegetable seeds.

Holland Conditions.

One of our Holland correspondents writes as follows under date of November 18:

"Please bear in mind that transportation difficulties on this side are very great. Some American friends seem to have no idea of it. We must get a license for the bags and this takes about a week, another license for bags imported by the notary occupies some days. Further we must have a certificate of origin, made out by the government controller, legalized by the customs officers and signed by the notary, all in different towns. This also takes about a week. After all these formalities it often happens that we miss a steamer and have to wait a fortnight for the next. Besides this the crop of flower seeds and also of other seeds has turned out very poor, so that in the case of many items reported as a fair crop we harvested very little seed, especially phlox, petunia and verbenas, etc., which are extremely bad."

Imported Seed Situation.

Only about one-half as much alfalfa seed was imported in 1915-16 as in either of the three previous years, and the imports of crimson-clover seed were less than half of those of the two previous years. Of hairy vetch seed less than 70,000 pounds were imported, as compared with 2,500,000 pounds in 1914 and 500,000 pounds in 1915. The imports of both winter rape and red-clover seed exceeded those of any previous year, enough red-clover seed being brought in to seed over 4,000,000 acres at a normal rate of seeding.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Trade Directory

PRICE, \$3.00 POSTPAID.

AMERICAN FLORIST CO.

440 S. Dearborn Street, CHICAGO

Owing to the unusual conditions in Europe the normal supply of winter rapeseed was unavailable and much other seed was imported under the name of rape. Seed purchased in the open market as winter rape showed that seed of seven other types of plants, all unsuitable for forage purposes, were being sold under this name. Tests of imported seeds have shown that large quantities of red and crimson clover seed brought into the United States germinated so poorly as to be of little or no agricultural value, and that much of the orchard grass seed contained but a small proportion of good seed, the balance being mostly chaff. The seed-importation act has now been amended, prohibiting the entry of such low-grade seed. Through the enforcement of the seed-importation act a large amount of low grade red clover seed offered for import into the United States has been reclaimed and the screenings destroyed under customs supervision.

The seed situation led to an increase in the number of samples of seed submitted during the fiscal year 1916 to the department for test in its Washington seed laboratory and co-operative branch laboratories.—Department of Agriculture Newsletter, December 6, 1916.

Free Seed.

Senator Lynn Haines, in the "Searchlight on Congress", makes the following remarks regarding free seed distribution:

In this one thing alone, during a four-year period, the time of a national administration, the public makes a campaign contribution of more than a million dollars. The average political congressman will protest loudly against this interpretation, but it remains the truth that free seeds are a form of pork, that the present method of congressional distribution serves little purpose commensurate with its cost save that of politics.

New York Seed Trade.

Peth & Duggan, 87 Barclay street, have now got their store in fine shape, having just had their flower seed section installed. Though not large, their store is very neat and well furnished, and the new oak counters and seed cases are handsome. They report the bulb season very satisfactory and look forward to good business for 1917.

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids,

Mich.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

SPECIAL OFFER Japanese Lilies

Longiflorum Giganteum

(BLACK STEM.)

Per 1000

7 to 9 in. \$30.00
All 8 in., selected. 35.00

All selected bulbs of black stem.

Lilium Formosum

9 to 10 in. per 1000, \$80.00
7 to 9 in. " 51.00

Also selected high grade bulbs.

Lilium Multiflorum

7 to 9 in. per 1000, \$44.00
9 to 10 in. " 71.00
10 to 11 in. " 96.00

Lily of the Valley Pips

(NEW CROP)

BERLIN OR HAMBURG

Cases of 1000 each. \$17.00 per case
" " 500 each. 9.00 per case

J. M. THORBURN & CO.

53 Barclay Street, through to 54 Park Place
NEW YORK CITY.

Gladiolus For Sale

READY NOW. 1st Size Bulbs.

Pink Mixture. \$10.00 per 1000
Glory of Brightwood. 15.00 per 1000
Lemeinei Mixed. 9.00 per 1000
Mrs. Beecher. 20.00 per 1000
Gandavensis. 10.00 per 1000

Also CALLA—Mrs. Roosevelt,
\$8.00 per 100.

M. E. MARTIN,

FLORAL PARK, NEW YORK.

Imports at New York.

During the week ending December 16, the following imports were received at New York:

From Bordeaux, France—

During the period ending December 18, imports were received at New York as follows:

From Bordeaux, France—

Nungesser-Dickinson Seed Co., 100 bbls., fromental.

To order, 400 bbls. seed.

From Hull, England—

To order, 25 bags clover seed.

From Rotterdam, Holland—

J. M. Thorburn & Co., 9 cases seed, 33 cases pips.

Peter Henderson & Co., 2 cases bulbs, 3 cases trees.

Julius Roehrs Co., 40 cases trees, etc.

Vaughan's Seed Store, 3 cases plants, 2 cases bulbs.

H. H. Berger & Co., 1 case bulbs.

A. Rolker & Sons, 17 cases shrubs.

Wadley & Smythe, 8 cases trees.

Imports were received at the port of New York during the week ending December 23, as follows:

From Hull, England—

T. W. Wood & Sons, 8 bags fox tail seed.

Peter Henderson & Co., 20 bags seed.

C. McCullough & Sons, 180 bbls. seed, 1 bag seed.

From Liverpool, England—

McHutchison & Co., 1 case grape vines.

I. L. Radwaner, 100 bags seed.

From Bermuda—

Henry & Lee, 7 boxes lily bulbs.

From Glasgow, Scotland—

Peter Henderson & Co., 20 bags seed.

C. McCullough & Sons, 180 bbls. seed, 1 bag seed.

From Copenhagen, Denmark—

J. M. Thorburn & Co., 1 box seeds.

Vandergrift & Co., 5 bags and 2 boxes seed.

Imports of horticultural and agricultural goods for consumption, at port of New York, for the week ended December 15:

A. F. F.

FLOWER SEEDS



WE make a specialty of Flower Seeds for Florists and Seedsmen. We carry large stocks of all the popular varieties, such as Asters, Balsams, Bachelor's Button, Calendula, Cosmos, Dianthus, Marigold, Mignonette, Morning Glory, Nasturtiums, Portulaca, Sweet Peas, Phlox, Zinnias, etc., and shall be pleased to quote on your list of requirements for present and future use.

Vaughan's Seed Store, CHICAGO
NEW YORK

Asparagus Plumosus Nanus

Greenhouse Grown Seed

1,000 Seeds, \$3.50

10,000 Seeds, \$32.50

Californian Grown Seed

1,000 Seeds, \$2.50

10,000 Seeds, \$22.50

5 per cent discount, Cash with order.

ARTHUR T. BODDINGTON CO., Inc.

128 Chambers Street,

NEW YORK.

BEANS, PEAS, RADISH

AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write or prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St.,

Telephone Main 2762.

CHICAGO

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, - - - NEBRASKA

Mention the American Florist when writing.

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip,
Radish, Beet, Etc.

Branches: Michigan, MILFORD, CONN.
Wisconsin and Idaho.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Mention the American Florist when writing

JAP LILY BULBS

AT IMPORT PRICES.

GIGANTEUM, 7-9, 8-10, 9-10, 10-11.

MULTIFLORUM, 7-9, -10.

AURATUM, 7-9, 9-11.

ALBUM, 9-11.

RUBRUM, 7-9, 8-10, 9-11.

MELPOMENE, 9-11.

Giganteum, 7-9, 8-10 and 9-10 also offered
i. o. b. Chicago and London, Ont.
Write for prices and details, stating quantity
desired.

McHUTCHISON & CO., THE IMPORT
HOUSE.
95 Chambers St., NEW YORK.

S. M. Isbell & Co.

JACKSON, MICH.

Contract Seed Growers

Beans, Cucumbers, Muskmelon,
Watermelon, Squash, Sweet Corn.

Michigan-grown Radish our Specialty.

Correspondence Solicited.

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale
Farm.**Bristol, Pa.****Lilium Giganteum**

7-9 in. and 9-10 in., for immediate delivery.

Write for Prices.

Yokohama Nursery Co., Ltd.

Woolworth Bldg., New York City

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDSCucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

97th Year

J. BOLGIANO & SON,Wholesale Garden and Field Seeds,
Onion Sets, Seed PotatoesGrowers of Pedigree Tomato Seeds **Baltimore, Md.****American Bulb Co.**

A. Miller, President.

WHOLESALE DEALERS IN

Bulbs, Seeds, Supplies, Etc.

178 N. Wabash Ave., Chicago, Ill.

THE

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Contract Seed GrowersSpecialties: Pepper, Egg plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

My New PRICE LIST of

**Winter Orchid-Flowering
Sweet Pea Seed**

Has been mailed. If you have not received a copy, send Postal for it.

Part of new crop is ready now.

Ant. C. Zvolanek, Lompoc, Calif.**GARDEN SEED**

Beet, Sweet, Corn, Garden Beans, Onion Sets, and Seed Potatoes in variety. Also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to

S. D. WOODRUFF & SONS, 82 Day St., NEW YORK
and Orange, Conn.**Kelways RENOVED Seeds****One Quality Throughout
THE BEST**Medal of Honor Panama Exhibition, 1915. LATEST AWARD—Royal Horticultural Society's GOLD MEDAL, 1916. If not already in your hands, WRITE NOW for our new 1917 Catalogues of Garden, Farm and Flower Seeds, containing many NOVELTIES of STERLING MERIT which should be catalogued by every enterprising SEEDSMAN.
REAL INDEPENDENT PRICES.

Catalogues and SPECIAL FORWARD PRICES sent free to genuine SEED DEALERS.

KELWAY & SON, Wholesale
Seed Growers. **Langport, Eng.****TOMATO SEED**

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,Correspondence
Solicited.**SWEDESORO, N. J.****Grass Mixtures**

— FOR —

Golf-Tennis-Polo

MEET ALL REQUIREMENTS FOR ALL SOILS

The Albert Dickinson Co.,
CHICAGO, ILL.

Mention the American Florist when writing.

The L. D. Waller Seed Co.

Gaudalupe, California

Wholesale Growers of

**FLOWER SEEDS, SWEET
PEAS AND NASTURTIUMS**

Correspondence Solicited.

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Before Placing Orders for**SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write****JOHN BODGER & SONS CO.,**
Contract Seed Growers
LOS ANGELES, CALIFORNIA.**THE KIMBERLIN SEED CO.**WHOLESALE
SEED GROWERS **SANTA CLARA, CAL.**

Growers of

ONION, LETTUCE, RADISH, ETC.

Correspondence solicited.

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners.**BRUNNINGS**

Now contracting for Beans and Peas for 1917, 1916 stocks being exhausted.

AUSTRALIAN BROWN ONION

1915-1916 crop seed still available

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing.

Growers and Specialists

CROP CONTRACT

**Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.**

Correspondence solicited.

**Michigan Office: MILLINGTON,
Home Office: SIOUX CITY, IOWA.**

Ask for prices now, 1917 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Mention the American Florist when writing

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.Specialties: Lettuce, Onion, Sweet Peas, Asters, Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing.

**R. & M. GODINEAU
SEED GROWERS****Angers, - France**

Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

Mention the American Florist when writing.

**BARNARD'S
Seed Store**
231-235 W. Madison St.
CHICAGO.

Mention the American Florist when writing.

Fancy Caladium Bulbs

20,000 fine well developed bulbs in 40 named leading sorts at \$10.00 per 100
Delivery January, February.

Tampa Floral Co., TAMPA, FLA.
ANTON FIEHE, Prop.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

CONTRACT GROWER of

Cucumber and Muskmelon Seed

I offer Pure Stock, Personal Service Intimate Knowledge of Stocks and Local Conditions.

Good Deliveries and Moderate Prices.

R. H. JAMES, Rocky Ford, Colo.

GERANIUMS

Immediate delivery at \$13.50 per 1000 for S. A. Nutt and Buchner and \$16.00 per 1000 for Ricard and Poitevine.

Asparagus Plumosus, fine stock at \$25.00 per 1000; same rate per 100.

ALBERT M. HERR, LANCASTER, PA.

BOXWOODS—MOST BEAUTIFUL STOCK

Pyramids, 2 ft. \$1.00 each
Pyramids, 2½ ft. 1.50 each
Pyramids, 3 ft. 2.00 each
Pyramids, 3½ ft. 2.50 each
Standard Shape, 14x14 in. 2.50 each
Globes, 14x14 in. 3.00 each
Heavy Bushes, 2-ft. 1.50 each
Nice Bushes, 15-in.35c each

F. O. FRANZEN 5319 N. Clark St
CHICAGO

CARNATIONS

F. DORNER & SONS CO.,

Lafayette, - - Indiana

James Vick's Sons

ROCHESTER, N. Y.

Seedsman, Nurserymen, Florists

SEEDS All the leading
PLANTS kinds for spring
BULBS and summer planting.

Ask for Florist's Catalogues.

If You are interested in Mid-Winter

Blooming Plants

—or anything in—

Soft Wooded Plants

—Write—

Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

Begonia Glory of Cincinnati

Begonia Melior, Begonia Mrs. J. A. Peterson.

CYCLAMEN, our own selected strain.
APLENUM NIDUS AVIS (Bird's Nest Fern).

Price list on application.

J. A. PETERSON & SONS, WESTWOOD,
CINCINNATI, OHIO

SEASONABLE FLORISTS' BULBS and some BARGAINS



Spiraea (Just in)

America, Lilac Rose..... Per 100 \$11.00
Avalanche, White..... 12.00
Gladstone, White..... 10.00
Queen Alex., Pink..... 11.00

Hardy Lilies

Just arrived in fine order.

Lilium Auratum, (160 to case).....	Per 100 \$ 5.50	Per 1000 \$ 48.00
Lilium Auratum, 9-11 in., (100 to case),	8.00	75.00
Lilium Rubrum, 8-9 in., (160 to case),	5.50	50.00
Lilium Rubrum, 9-11 in., (100 to case),	9.00	85.00
Lilium Album, 9-11 in., (100 to case),	12.00	100.00

Our complete line of best American grown GLADIOLUS BULBS are now in store. These are of the leading reliable forcing kinds and not to be compared to Dutch production.

CHICAGO Vaughan's Seed Store NEW YORK

Valley (New Crop)

Pips, Hamburg, Holland Grown.... Per 1000 \$20.00
This stock proved very satisfactory last season.

Clumps, per 100..... \$20.00

Lilium Giganteum

NEW CROP	Per 1000
6 to 8-inch (400 to case).....	\$30.00
7 to 9-inch (300 to case).....	45.00
8 to 9-inch (250 to case).....	65.00
9 to 10-inch (200 to case).....	88.00

Gladiolus Colvillei

	Per 1000
Blushing Bride	\$5.50
The Bride	6.00
Peach Blossom.....	7.00

Spanish Iris

Named varieties, 4 separate colors.... Per 1000 \$6.00

"JOSS" LILIES, Chinese Narcissus, per mat, (120 bulbs), \$4.80 at Chicago. In New York, \$5.50.

Lilium Formosum

	Per 1000
6 to 8-inch, (350 to case) regular strain	\$35.00
6 to 8-inch (350 to case) true black stem variety.....	40.00

Dutch Hyacinths

Miniatures

Plant in Pans For Easter Sales.

Named varieties, per 1000, only..... \$7.50
A bargain, reduced from \$10.00.

All Dutch Bulbs in the Hyacinth, Tulip and Narcissus class now 50 per cent off List Prices—Offer good 10 days.

Palms and Ferns

We have a large and fine stock for the holiday trade, and can give exceptionally good value.

FERNS—Scottii, 4-in. pots, 20c; 5-in. pots, 30c; 6-in. pots, 50c; 7-in. pots, 75c. Teddy, Jr., 6-in. pots, 50c; 7-in. azalea pots, 75c; 8-in. pots, \$1.00 each. Boston Ferns, 6-in. azalea pots, 40c; 6-in., extra heavy, 60c; 7-in. pots, 75c; 8-in., \$1.00. Neph. Whitman, 6-in. pots, 50c; 7-in. pots, 75c.

KENTIAS—Kentia Belmoreana, 4-in. pots, 40c; 5½-in. pots, 18 in. high, 75c; 6-in. pots, 22 in. high, \$1.00; 6-in. pots, 24-26 in. high, \$1.25; 7-in. pots, 28 in. high, \$1.50 each. Kentia Forsteriana, 4-in. pots, 40c; 5½-in. pots, 75c; 6-in. pots, 5-6 leaves, 26 in. high, \$1.00; 6-in. pots, 30 in. high, \$1.25; 6-in. pots, 32 in. high, \$1.50; 7-in. pots, 38 in. high, \$2.00 each.

Areca Lutescens, 6-in. pot, made up, 3 ft. high, 3 plants in a pot, \$1.50 each.
CASH WITH ORDER, PLEASE.

We have a large stock of Azaleas, Rhododendrons and Hydrangeas for Easter forcing. Write for prices.

GODFREY ASCHMANN

Importer, Wholesale Grower and Shipper of Pot Plants

1012 West Ontario Street,

PHILADELPHIA, PA.

Market Gardeners

Vegetable Growers' Association of America.

H. W. Selby, Philadelphia, Pa., President;
H. F. Thompson, Arlington, Mass., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; Eugene Davis, Grand Rapids,
Mich., Treasurer.

Next annual convention will be held at
Springfield, Mass., in 1917.

THE annual meeting of the Pennsylvania Vegetable Growers' Association will be held at Harrisburg, January 23-25.

CONCORD, MASS.—Chas. W. Prescott, in charge of the Massachusetts asparagus experiment station, died at the Boston Relief hospital, December 15. Cerebral hemorrhage was the cause of his death.

Potato Prices at New York.

Prices of potatoes at New York, December 23, were as follows: Bermuda, No. 1, per bbl., \$7.00 to \$7.50; Bermuda No. 2, per bbl., \$5.00 to \$6.00; Long Island, 180 lbs., \$5.00 to \$5.50; Maine, 180 lbs., \$4.80 to \$5.10; Canadian, 180 lbs., \$4.50 to \$5.00; Nova Scotia, 165 lbs., \$4.00 to \$4.50; Virginia late crop, 165 lbs., to some extent frozen and of little value, \$3.50 to \$4.25.

Prices of Indoor Fruits and Vegetables.

Chicago, Dec. 26.—Mushrooms, home grown, 30 to 60 cents per pound; lettuce, small cases, 27½ to 30 cents; radishes, 60 to 75 cents, dozen bunches; celery, 75 cents to \$1.00, open crate; tomatoes, 10-lb. baskets, \$1.00 to \$2.00; cucumbers, per 2 dozen box, \$2.00 to \$2.75.

New York, Dec. 26. — Celery, per crate, \$2.00 to \$3.50; cucumbers, 60 cents to \$1.50 per dozen; mushrooms, \$1.00 to \$2.00 per 4-lb. basket; tomatoes, per lb., 10 to 25 cents; radishes, per 100 bunches, \$2.00 to \$4.00; lettuce, per box, 75 cents to \$2.00.

Spinach Mildew.

This fungus which causes indefinite yellow spots, usually of conspicuous size, showing prominent on the upper side of the leaf, while it more or less covers the under surface with a mat of the dirty-white or violet-gray fruiting stage, is reported by the Connecticut agricultural experiment station annual report for 1915 on spinach of the varieties Viroflay and Goliath near Wethersfield, Conn. The fungus was not abundant and was apparently due to the moist season. The indications are that it is not liable to be very troublesome so far north, but it has been found to be doing considerable damage further south.

Western Muskmelon.

Bulletin No. 401, on the marketing of western muskmelons in 1915, issued by the United States department of agriculture, obtained through the office of markets and rural organization, contains important data on this industry. Producing centers are Imperial Valley and Furlock, Calif., Salt River Valley, Ariz., Moapa, Nev., and Colorado. Crops are obtained by irrigation. Products are sold through commission dealers who supply seed and advance money under contract to the growers. Melons arriving in good con-

dition command ready market at remunerative prices, but much of the stock of the late summer and fall is picked too green, has no flavor and is for these reasons unsalable. Imperial Valley in California produces the earliest and most profitable crops this season, extending from May 25 to July 21, nearly 5,000 cars being shipped during 1915.

Lettuce After Chrysanthemums.

We have seen more failures than successes where lettuce follows chrysanthemums on benches. It looks like a simple process to grow a catch crop of lettuce on chrysanthemum benches until the space is needed for spring stocks. However, results are too often disappointing if the old compost is used. There is no surer remedy than a total house cleaning and fresh soil, but this is often a hardship; hence, the old soil is used over again and trouble invited. Sometimes a lack of soil fertility is responsible for poor crops, but in most cases the trouble is caused by the decay of the immense system of feeding roots left behind from the chrysanthemums. This causes a soil acidity which is serious to the lettuce plants. We have seen many cases where the best of lettuce plants failed to make a single new root in a month, or even lost what roots they had when planted. As time is money under glass, such crops never pay. The direct remedy is air-slacked or hydrated lime, worked thoroughly into the soil before planting. We have recovered bad cases by applying lime between growing plants. Together with the lime treatment, such benches need careful watering for awhile until the lettuce are well under way. MARKETMAN.

Improving Potatoes.

The United States department of agriculture is conducting a number of potato investigations, chiefly at Presque Isle, Me.; Greeley, Colo.; Jerome, Idaho; and Norfolk, Va. One of the main features of the work is the development, from seed, of new varieties of potatoes specially suited for certain purposes and adapted to the special growing regions in which such products can most economically be produced.

Experiments leading to a determination of the factors necessary for the production of disease-free potatoes in western irrigated sections have shown that organisms capable of causing diseases of potatoes are probably present in all desert lands, but that land previously in cultivation with grains and alfalfa may, when disease-free seed is planted, produce a crop comparatively free from disease. In southern

Idaho the experiments on the control of powdery dry rot in storage have been completed and show that the losses can be prevented by careful harvesting to avoid mechanical injuries and by keeping the storage cellar at a temperature between 35° and 40° F., with proper ventilation. When it is necessary to store in poorly ventilated or improperly cooled houses the disease may be effectively checked by disinfection with corrosive sublimate or formaldehyde, provided this is done within 24 hours after digging.

The cause of potato "leak," a rapid type of decay causing serious loss in the Delta district of California, has been discovered and experiments have shown that it can be controlled by careful harvesting and sorting before shipment.

Market Gardening Survey Columbus, O.

With the view of establishing a wholesale market under municipal control, a survey of the market gardening industry in the vicinity of Columbus, O., has just been completed. It shows that 118 gardeners, in and adjacent to that city, have a total of 1145.5 acres, or an average of 9.7 acres per operator. At an estimated value of \$400 per acre, the land investment is \$458,200, or an average of \$3,800 per gardener in cultivated land alone. There are 17 vegetable greenhouse ranges, with a total floor space of 161,557 square feet. The 17 have an average of 9,868 square feet. About 32 varieties of vegetables are raised. Wholesale marketing has never been recognized officially by the city, although it flourishes to some extent. The investigators report that unless there are gluts, the growers get better prices on the wholesale market than by selling to consumers. A regular space is to be assigned the wholesale market adjacent to the principal retail market, and made subject to regulation and protection. Flowers are also expected to be a prominent feature of the new market.

NEWPORT, R. I.—The Newport Horticultural Society at its annual meeting, December 12, elected officers for the ensuing year as follows: John B. Urquhart, president; James Bond, first vice-president; Frederic Carter, second vice-president; Fred P. Webber, secretary; William Grey, treasurer.

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All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

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Extra Strong

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Delight—Bright carmine flowers; base of petals, white.
Dorothy Perkins—Beautiful shell-pink.
Flower of Fairfield—Everblooming Crimson Rambler.
Hiawatha—Single crimson, lighter center.
Lady Gay—Beautiful cherry pink.

Price: Doz., \$3.00; 100, \$22.00; 1000, \$200.00

2 YEAR OLD.


Crimson Rambler.
Dorothy Perkins.
Excelsa.
Flower of Fairfield.
White Dorothy Perkins.
Baby Ramblers.

Price: Doz., \$2.00; 100, \$15.00; 1000, \$140.00

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	Doz.	100
Anna de Diesbach	\$2.00	\$14.00
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	Doz.	100
Mrs. John Laing	\$2.00	\$15.00
Paul Neyron	2.00	15.00
Prince C. De Rohan	2.00	15.00
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Excelsa (Red Dorothy Perkins) **Lady Gay** **Crimson Rambler**
American Pillar **Climbing American Beauty** **Dorothy Perkins**

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Jessie **Orleans** **Baby Rambler** **Mrs. Cutbush** **Ellen Poulson**

HYDRANGEAS, 3½-inch pots, \$6.00 per 100

Single stem plants, set with good, plump flower buds.

Eclairer, Fine rosy Pink.

La Lorraine. Large flowers, pale rose, turning to bright pink.

Mme. Maurice Hamar. Large delicate flesh-rose color.

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Otaksa. The old standby for pink. More easily forced than some of the newer sorts.
Radiant. Clear, bright pink; an exceptionally handsome shade.

2½-inch pots, \$4.00 per 100.
Otaksa **Mme. Emil Mouilliere**
Mme. Maurice Hamar
Lilie Mouilliere, bright carmine rose.

DEUTZIA LEMOINE, pot-grown, 6-inch pots, \$20.00 per 100.

GENISTA CANARIENSIS, 6-inch pots, nice shapely plants, \$20.00 per 100.

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Nephrolepis Verona

Best of all crested ferns, rapid grower; it's splendid fronds stand up well; each show individually; does not rot in center.

BUY FROM THE ORIGINATORS.

	Per 100	Per 1000		Per 100	Per 1000
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7-inch pots\$1.50 each 12-inch tubs.....\$6.00 each

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The Nursery Trade

American Association of Nurserymen.

John Watson, Newark, N. Y., President;
Lloyd C. Stark, Louisiana, Mo., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-second annual convention will be held at Philadelphia, Pa., June 27-29, 1917.

THE executive committee meeting of the American Association of Nurserymen probably will be held in New York about January 16.

Hollanders Opposed To Auctions.

Boskoop, November 9, 1916.

Editor American Florist Co.,
Chicago.

Dear Sir: It would afford us great pleasure if you would publish the following communication in the news columns of your paper. Trusting your views coincide with ours as to the importance of this agreement, we beg to thank you in advance for the space given.

(Signed) C. GROOTENDORST, Sec'y.

The Protective Association of Holland Nurserymen, in its meeting held at Boskoop, September 12, 1916, resolved to submit for the signatures of its members, a mutual agreement, in which they bind themselves not to ship any nursery stock to the United States and / or Canada to be sold at public auction. Any one found breaking this agreement to pay a fine of 500 guilders. In the meeting of October 6, 1916, the agreement was read and signed by all members present except one. The association resolved that members who will not sign this contract shall be expelled from the association. After being presented to all members the agreement shows the signatures of 37 exporters, five members being unwilling to sign. The contract reads, translated:

MUTUAL AGREEMENT.

1. The undersigned all being professional nurserymen and / or exporters of nursery stock, bind themselves mutually, not to ship any plants, of whatsoever nature, neither directly nor indirectly, to the United States of America and / or Canada, with the intention of having the same sold at public auction. They declare that they will have broken this agreement and will be considered having sent plants directly for sale at public auction when they should have any interest whatsoever, and / or should participate either directly or indirectly in the shipment of plants to the United States of America and / or Canada for sale at public auction.

2. They bind themselves, to have forfeited the sum of 500 guilders as a fine, whenever they should break this agreement and to pay this fine unto H. L. Maarschalk, Notary Public, at Boskoop, the said H. K. Maarschalk being hereby authorized to claim this fine in or out of court.

3. They authorize Messrs. P. M. Koster and C. Grootendorst, nurserymen, residing at Boskoop, or any other persons to be appointed by the parties to this contract, to publish the contents of this agreement translated into the English language, with the names of the persons who signed it or the names of the firms under which they do business, in the trade papers of the United States and Canada, in such manner as Messrs. Koster and Grootendorst aforementioned shall

deem to be in the interest of those concerned.

4. The fine, after being collected by H. K. Maarschalk, following a breach of contract, shall be divided by this party as follows:

One hundred guilders to be paid to the person producing evidence of the breach of this agreement, whether this person is a party to this contract or not and 400 guilders to be divided equally among those who signed the agreement, with the exception of the one who did not live up to it.

5. This agreement is made for one year, and must be considered to remain valid for the same term, every year, unless any one who signed it, informs one of the parties mentioned in clause three per registered letter, not less than six weeks before the expiration of a term, of his intention to withdraw. Messrs. Koster and Grootendorst are then authorized to publish this withdrawal of signature according to their best judgment.

6. This agreement takes effect on the first day of October, 1916.

Declared as agreed upon and signed this sixth day of October, 1916, was signed:

J. Blaauw & Co., Boskoop.
Bulk & Co., Boskoop.
J. Boer Gz., "East End Nurseries," Boskoop.
Ebbinge & Van Groos, Boskoop.
L. J. Endtz & Co., Boskoop.
Felix & Dykhuis, Boskoop.
Van Gelderen & Co., Boskoop.
P. J. Grootendorst & Sons, Boskoop.
Guldemon & Co., Boskoop.
W. C. Hage & Co., Boskoop.
Van Heiningen Bros. & Co., Boskoop.
Hugo T. Hoffman, "Juliana Nurs," Boskoop.
Kallen & Lunnemann, Boskoop.
C. Van Kleef & Co., Boskoop.
W. Van Kleef & Sons, Boskoop.
Kluus & Koning, Boskoop.
A. Koloos & Co., Gouda.
H. Koolbergen, Boskoop.
M. Koster & Sons, Boskoop.
Koster & Co., Boskoop.
W. Mesman & Sons, Boskoop.
Michelsen & Co., Naarden.
J. Mossel, Boskoop.
Ottolander & Hooftman, Boskoop.
H. Den Ouden & Son, Boskoop.
Jac. Den Ouden, Boskoop.
As. Ouwkerk, Boskoop.
K. Rosbergen & Sons, Boskoop.
Scham & Van Tol, Boskoop.
Schortinghuis & de Jonge, Boskoop.
Slidrecht & Co., Boskoop.
Jan Spek, Boskoop.
Jaes Smits & Co., Naarden.
Van der Weyden & Co., D. G. Wiegabd, Boskoop.
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OWN ROOT

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Pot grown
2½ and 4-in.

Field grown
to pot 5 to 6-in.

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I have over 450,000 of this **SPECIAL GRADE** of California Privet grown by a new method. The illustration shows a fair sample of each size. Note the excellent root system.

Price, 12 to 18 inches - \$ 8.00 per 1000

" 1½ to 2 feet, - - 10.50 per 1000

Packed free for cash with order. No order accepted for less than 1000 plants.

Also over two millions of California Privet of finest quality, in all sizes, from one to four feet, grown in the usual way. Very attractive prices, especially in carload lots, given upon request.

I have much the largest and best stock of
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Winner two years in succession of the American Carnation Society Silver Medals, 1915 and 1916. Also winner of the S. A. F. Silver Medal, 1916, besides numerous first prizes and certificates at various shows in different parts of the country.

This is purely a commercial carnation—very bright clear red, large flower, non-splittable calyx, long stem and just as free blooming as Enchantress of which it is a seedling.

Prices of rooted cuttings ready for delivery Dec. 15th and later, 25 or less at the rate of \$8.00 per 100. 50 and less than 100 at \$6.00 per 100. Orders of 100, and less than 250, \$5.00 per 100 and orders of 250 or more at the rate of \$45.00 per 1000. All cuttings guaranteed strictly first class.

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\$1.50 per 100

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Boxwoods—Pyramids, Standards, Globes, Bush, Dwarf—one of our leading specialties. Stocked in enormous quantities.

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Window-Box Plants—Hardy Coniferous Evergreens for winter use. All hardy and desirable sorts, best selection, lowest prices. Also Bush Box and Dwarf Edging. This line offers wide-awake florists a grand opportunity to increase their sales and profits.

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Young Stock for Lining Out—Ornamental Evergreens and Deciduous Trees and Shrub seedlings, rooted cuttings, grafts, etc., in large assortment at very low prices. Annual output, 10,000,000 plants.

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Rooted Carnation Cuttings Immediate Delivery.

We are now booking orders for our New Seedling SUPERB—\$12.00 per 100; \$100.00 per 1000.

SUPERB is a seedling of Gloriosa and Enchantress. It has the good stem of Gloriosa and the fine growing habit of Enchantress. The color is a flesh pink, and it keeps its color at all seasons. The flowers average about three inches, are very full, and generally receive full score on substance. The flowers are all perfect and do not split. In the four years we have grown it, it has proved the best commercial variety, barring none.

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STANDARD NEW VARIETIES.

WHITE.		
	Per 100	Per 1000
Matchless	\$2.50	\$20.00
White Enchantress	2.50	20.00
White Wonder	3.00	25.00

DARK PINK.		
	Per 100	Per 1000
Peerless Pink	2.50	20.00
C. W. Ward	2.50	20.00

FLESH PINK.		
	Per 100	Per 1000
Superb	\$12.00	\$100.00
Enchantress	2.50	20.00
Enchantress Supreme	2.50	20.00
Alice	3.00	25.00

VARIEGATED.		
	Per 100	Per 1000
Benora	3.00	25.00

RED		
	Per 100	Per 1000
Aviator	6.00	\$50.00
Beacon	3.00	25.00
Champion	3.00	25.00

MEDIUM PINK.		
	Per 100	Per 1000
Miss Theo.	6.00	50.00
Mrs. Akehurst	3.00	25.00
Pink Sensation	3.50	30.00

J. D. THOMPSON CARNATION CO.,

Joliet, Ill.

Violets and Pansies.

ED. AMERICAN FLORIST:

Please give me practical suggestions concerning the greenhouse cultivation of violets and pansies for market. I want information particularly upon the following points: 1. Best single varieties for commercial use. 2. Temperature. 3. Soil mixture. 4. How early should house be planted for winter bloom. 5. Diseases and remedies.

Pennsylvania. B.
1. Princess of Wales is the best of all single violets for commercial use. More of this variety are grown than all other varieties combined.

2. A temperature as near the mark of 40 degrees as possible is best suited for their culture. When grown in a higher temperature, the plants run mostly to leaves at the expense of quantity and quality of flowers. The ideal growing conditions for single violets are a cool, light, airy, house, with the benches so arranged that the soil will dry out evenly and readily between waterings. A damp, close atmosphere being one of the principal things to be guarded against.

3. Good single violets are grown in so many different kinds of soil mixture that it is a difficult matter to select one composition of soil as better than another. We find one grower having good success by using a heavy clay soil mixture and another equally successful when using the lighter black soil of the prairies. One part of well rotted cow manure to three parts of live clay loam makes a good compost to start the plants out in, then should the flowers begin to come smaller later in the season, extra nourishment can be added by applications of liquid manure or surface dressings of pulverized sheep manure.

4. Any time after September 1, according to weather conditions, is time to plant; it is sometimes necessary, when the weather is very dry, to wait for a rain before lifting the plants, and the planting season may be said to cover the period of September 1 to October 15. Some growers prefer to leave the plants out until they get a good freezing.

5. Leaf spot is the most troublesome disease to which single violets are subject, and is caused to a great extent by damp, close conditions in the house, the best remedy being to keep everything about the house clean and sweet. Maintain an even, cool temperature at all times, and when any leaves show the spot, remove and burn them immediately.

Pansies.—Pansy seed sown during August and transplanted in frames as soon as the plants are large enough to properly handle, will be, by October 15 to November 1, ready to plant inside for winter flowering. They do

Ferns, Araucarias, Palms, Etc.

Araucaria, 2 to 3 tiers, 5 in., 40c; 3 tiers, 6 in., 50c; 3 to 4 tiers, 6 in., 60c.

Kentia Belmoreana, 4 in., pots, 5 leaves, 15 in. high, 40c each; 5 in. pots, 5 leaves, 18 to 20 in. high, \$1.00 each; 6 in. pots, 5 to 6 leaves, 20 to 24 in. high, \$1.25 each; 6 in. pots, 6 leaves, 24 to 28 in. high, \$1.50 each.

Kentia Forsteriana, 6 in. pots, 5 to 6 leaves, 30 in. high, \$1.50 each; 7 in. pots, 6 leaves, 34 in. high, \$2.00 each; 7 in. pots, to 7 leaves, 36 in. high, \$2.50 each.

Kentia Forsteriana, made up bushy plants, 3 and 4 plants to a tub, 7 in. tubs, 36 in. high, \$3.50 each; 8 in. tubs, 38 to 40 in. high, \$4.50 each; 8 in. tubs, 40 to 44 in. high, \$5.00 each; 9 in. tubs, 54 to 60 in. high, \$8.50 each.

Ferns, Teddy, Jr., extra fine, special prices, quantity—5 in. pots, broad and perfect, 35c each; 6 in. pots, broad and perfect, 50c each.

Boston Ferns fine fresh stock, quantity—5 in. pots, 30c each; 6 in. pots, 50c each.

Adiantum Hybridum, heavy, 4 in. pots, \$16.00 per 100.

Asparagus Sprengeri, bushy field plants, now in 4 in. pots, \$12.00 per 100; 5 in. pots, extra heavy, \$18.00 per 100. (Worth more to cut from.)

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**THE HORTICULTURAL PRINTING COMPANY
BURNLEY, ENGLAND**

best on a bench about two feet from the glass, and can be grown in the same house under the same conditions as suggested for the single violets.

C. W. JOHNSON.

HUNTINGBURG, IND.—Peter Morgan reports a fine business and has recently added a new propagating house and potting shed, 60x63 feet. Mr. Morgan grows a fine line of American Beauty, Killarney, Sunburst, Richmond, Hoosier Beauty and Ward roses; also carnations and pot plants.

150,000

2 and 2 1/4 in. Geraniums

Ready now. Sand rooted, transplanted to pots. Well established; fully as good as last year's. Liberal extras for early orders.

A. Ricard, Beaute Poitevine, Montmore and Castellane, \$2.50 per 100, \$22.50 per 1,000. S. A. Nutt, John Doyle, Grant, Jean Oberly, Mrs. L. Perkins, Buchner, La Favorite, etc., \$2.25 per 100, \$20.00 per 1,000.

IVY GERANIUMS, 8 varieties; ROSE GERANIUMS, 4 varieties; DOUBLE PETUNIAS, 12 varieties; LANTANAS, 6 varieties; MARGUERITES, White, Yellow and Mrs. Sanders, from 2 1/4-in. pots, \$3.00 per 100, \$25.00 per 1,000.

3-in. CYCLAMEN, assorted, \$3.00 per 100, \$75.00 per 1,000.

4-in. CYCLAMEN, \$20.00 per 100.

5-in. CYCLAMEN, 40 cts. each.

Also abundance of other stock. Correspondence solicited.

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Ready Reference Section.

10 CENTS PER LINE, NET.



AMARYLLIS.

AMARYLLIS (Hippeastrum). Imported and American seedlings, 9 to 10-in. cir., \$18; 11 to 12-in. cir., \$22 per 100. Tait's seedlings from very choice stock, \$25 per 100; fancy stock, \$1 to \$5 each. C. S. Tait, Brunswick, Georgia.

ARAUCARIAS.

Araucaria, 2 to 3 tiers, 5-in., 40c.; 3 tiers, 6-in., 50c; 3 to 4 tiers, 6-in., 60c. The Storrs & Harrison Co., Painesville, Ohio.

ASPARAGUS.

Asparagus plumosus and Sprengeri seedlings, \$1.00 per 100; \$8.00 per 1,000. Sprengeri, 2-in., \$2.00 per 100, \$18.00 per 1,000. Fine stock. EDWARD W. SCHUSTER, Crookston, Minn.

Asparagus Sprengeri Seed, 1917 crop ready now, 75c per 1,000; 5,000 for \$3.00; 10,000 for \$5.00. Write for prices in quantity. HARRY BAILEY, Montebello, Calif.

Asparagus Sprengeri, bushy field plants, now in 4-in. pots, \$12.00 per 100; 5-in. pots, extra heavy, \$18 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Asparagus Sprengeri, 3-in., \$6 per 100; 4-in., \$10 per 100. Plumosus, 2½-in., \$3.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS PLUMOSUS SEEDLINGS, extra strong, \$8.00 per 1,000. VAUGHAN'S GREEN-HOUSES, Western Springs, Ill.

Asparagus plumosus, fine stock, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

3-in. plumosus, at \$5.00 per 100. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

AZALEAS.

Azaleas. W. & T. Smith Co., Geneva, N. Y.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHR'S CO., Rutherford, N. J.

BEGONIAS.

BEGONIAS—Immediate Delivery.

Mrs. J. A. Peterson (new), 2¼-in. pots, \$25.00 Per 1,000 200.00
JULIUS ROEHR'S CO., Rutherford, N. J.

BOXWOOD.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

BOXWOODS.

PYRAMIDS. Broad, heavy specimens, 2 ft., \$1.90 each; 2½ ft., \$2.00 each; 3 ft., \$2.50 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee, Ill. Write for prices on larger sizes.

BUSH SHAPE, 10-12-in., balled, 30c each; 18-in., balled, 60c each; 30-in., balled, \$1.75 each.

THE D. HILL NURSERY CO., INC.
Box 404, Dundee, Ill.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHR'S CO., Rutherford, N. J.

BULBS.

Bulbs. Dutch Hyacinths, miniatures, named varieties, \$7.50 per 1,000; Chinese Narcissus, per mat (120 bulbs), \$4.80; Spanish Iris, named varieties, 4 separate colors, \$6 per 1,000; Valley, pips, Holland grown, \$20 per 1,000; clumps, \$20 per 100; Spiraea, Hardy Lilies, Lillium Giganteum, L. Formosum and Gladiolus. For varieties, sizes and prices, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs. Dutch Roman Hyacinths, single early Tulips and Lillium Giganteum. For varieties and prices see advertisement on front cover page of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Bulbs. Japanese Lilies, Lillium Formosum, Lillium Multiflorum. For sizes and prices see advertisement elsewhere in this issue. J. M. Thorburn & Co., 53 Barclay St., New York.

Bulb. Lillium Giganteum, 7 to 9-in., and 9 to 10-in., for immediate delivery. Write for prices. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York.

Bulbs, fancy caladium. Fine, well developed in 40 named leading sorts, \$10 per 100. Delivery January and February. Tampa Floral Co., Tampa, Fla.

Bulbs. Lillium Formosum and Giganteum, ready now. For sizes and prices see advertisement on front cover page of this issue. Wm. F. Kasting Co., 568-570 Washington Street, Buffalo, N. Y.

Gladiolus. Ready now. 1st size bulbs. For varieties and prices see advertisement elsewhere in this issue. M. E. Martin, Floral Park, N. Y.

Bulbs, seeds, supplies, etc. Wholesale only. American Bulb Co., 178 N. Wabash Ave., Chicago.

CALLAS.

60 4-in. Godfrey Callas at 10c each; 100 3-in. at 5c each. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

Callas, Mrs. Roosevelt, \$8 per 100. M. E. Martin, Floral Park, N. Y.

CARNATIONS.

CARNATIONS.		
Standard and New Varieties.		
	White.	Per 100
Matchless	\$2.50	\$20.00
White Enchantress	2.50	20.00
White Wonder	3.00	25.00
Flesh Pink.		
Superb	\$12.00	\$100.00
Enchantress	2.50	20.00
Enchantress Supreme	2.50	20.00
Alice	3.00	25.00
Medium Pink.		
Miss Theo	\$6.00	\$50.00
Mrs. Akehurst	3.00	25.00
Pink Sensation	3.50	30.00
Dark Pink.		
Peerless Pink	\$2.50	\$20.00
C. W. Ward	2.50	20.00
Red.		
Aviator	\$6.00	\$50.00
Beacon	3.00	25.00
Champion	3.00	25.00
Variegated.		
Benora	\$3.00	\$25.00
J. D. THOMPSON CARNATION CO., Joliet, Illinois		

Carnation cuttings. Cottage Maid, Merry Christmas, Doris, Rosalia and Old Gold, \$12 per 100, \$100 per 1,000, S. S. Pennock-Meehan Co., 1608-12 Ludlow St., Philadelphia, Pa.

CARNATIONS.

We can save you money on
STRONG ROOTED CARNATION CUTTINGS
For January delivery.

	Per 100	Per 1,000
Light Pink Enchantress	\$2.00	\$14.00
White	2.00	17.50
C. W. Ward	2.00	15.00
Winsor	2.00	14.00
Victory	2.00	15.00
Joy	2.00	15.00

Also a limited supply of
Nebraska \$5.00 | per hundred || Herald | 2.00 | per hundred |
| White Perfection | 2.00 | per hundred |
| White Wonder | 2.00 | per hundred |

Place your orders now.
J. A. BUDLONG,
184 North Wabash Ave. Chicago.

Belle Washburn, the new red carnation with an unbeatable record behind it. Winner two years in succession of the American Carnation Society Silver Medals, 1915 and 1916. Also winner of the S. A. F. Silver Medal, 1916, besides numerous first prizes and certificates at various shows in different parts of the country. This is purely a commercial carnation—very bright, clear red, large flower, non-splitable calyx, long stem and just as free blooming as Enchantress, of which it is a seedling. Prices of rooted cuttings ready for immediate delivery, 25 or less at the rate of \$8.00 per 100; 50 and less than 100 at \$6.00 per 100. Orders of 100, and less than 250, \$5.00 per 100, and orders of 250 or more at the rate of \$45.00 per 1,000. All cuttings guaranteed strictly first class. Bassett & Washburn, 178 N. Wabash Ave., Chicago.

NANCY CUTTINGS.

Well rooted from strictly clean, healthy stock, \$50.00 per 1,000; \$6.00 per 100. Book your orders for January delivery.

"Nancy" is Dorner's new flesh pink carnation, large, perfect flower, long and strong stem, good keeper, good producer, does not split.

SCHROEDER FLORAL CO.,

West 24th and Pease Sts., Milwaukee, Wis.

CARNATIONS—ROOTED CUTTINGS.
Enchantress, rose pink Enchantress, White Enchantress, May Day and Philadelphia, \$2.50 per 100; \$20.00 per 1,000.

Victory, \$2.00 per 100; \$18.00 per 1,000. January or February deliveries. Cash from unknown parties.

THE COLUMBUS FLORAL COMPANY,
Columbus, Ohio.

Carnation Superb. Fine new flesh pink. Rooted cuttings, Jan. 1, 1917, delivery, \$10 per 100, \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

Carnations. F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS

CHRYSANTHEMUM STOCK PLANTS.
Fine large plants full of cuttings. Price, \$15.00 per 100; \$2.00 per dozen. We dig all our plants from soil. They are not pulled up.

Varieties, in white—Early Frost, Crystal Gem, Oconto, White Chieftain, Wm. Turner. In yellow—Golden Queen, Marigold, Yellow October Frost, Mrs. Morgan, Odessa. In pink—McNiece, Wells' Late Pink, Chieftain.

Special—Bronze Tekonsha, \$5.00 per doz.
BASSETT & WASHBURN.
178 N. Wabash Ave., Chicago.

CHRYSANTHEMUMS. Good commercial varieties, 2¼-in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS

ALEX GUTTMAN.

Chrysanthemum (Dinda), the best early laven-der-pink in the market. Blooms have been selling for \$8.00 per dozen since middle of Sep-tember. Stock plants, 75c each; \$7.50 per dozen. GUTTMAN & RAYNOR, Inc., Wholesale Florists, 101 W. 28th St., New York, or Frank Dinda, Farmingdale, L. I., N. Y.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

COLEUS "Defiance." It defies any other coleus for commercial purposes. C. Winterich, Cyclamen Specialist, Defiance, O.

CYCLAMEN.

CYCLAMEN, strong seedlings, \$4.00 per 100; \$30.00 per 1,000. Transplanted, \$5.00 per 100. \$4.00 per 1,000.

Rococo Erecta, new, finest ever introduced (not to be compared with the old Rococo) to be well recommended for commercial growing. Strong seedlings, \$5.00 per 100, \$40.00 per 1,000. Transplanted, \$6.00 per 100, \$50.00 per 1,000.

ERNEST ROBER,

Wilmette, Illinois.

Cyclamen, 3-in., assorted, \$8 per 100, \$75 per 1,000; 4-in., \$20 per 100; 5-in., 40c each. Alonzo J. Bryan, Washington, N. J.

DAHLIAS.

My latest novelty, "The Millionaire," \$10.00 per bulb. A light lavender decorative. A monster; a beauty. It's simply wonderful. My new catalogue tells about it.

GEO. L. STILLMAN.

"Dahlia Specialist."

Originator of "World-Known" Dahlias.

Box A-7. Westerly, R. I.

Dahlias. Best new and standard varieties. Peacock Dahlia Farms, Williamstown Junc-tion, N. J.

DAISIES.

BEST FLOWERING DAISIES. Chicago White, special strain, 2½-in., \$5.00 per 100; Etolite D'Or (yellow), 2½-in., \$5.00 per 100. Cash, please. A. E. HUNT & CO., 30 E. Randolph St., Chicago.

Daisies. Mrs. Sander, 2-in., \$3.00 per 100; \$23.00 per 1,000. Edward W. Schuster, Crook-ston, Minn.

DEUTZIA.

Deutzia Gracilis, pot grown, very bushy plants, now ready. Splendid forcing stock, 6-in., \$2.60 per doz., \$18 per 100; 8-in., \$3.50 per doz., \$25 per 100. Vaughan's Seed Store, Chicago and New York.

DRACAENAS.

Dracaena Massangeana, 8-in., \$2.50 each. Terminalis, 4-in., \$4 per doz.; 5-in., \$5 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

DRACAENA INDIVISA. 5-in., 35c. Harry Hehl, West Toledo, O.

Dracaena Indivisa, 2-in., \$2 per 100, \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

FERNS.

Bostons. Grown by us and are the finest in the west. 3-in., \$1.75 per doz., \$12 per 100; 4-in., \$2.50 per doz., \$20 per 100; 5-in., \$5 per doz., \$40 per 100; 6-in., \$8 per doz., \$60 per 100. Vaughan's Seed Store, Chicago and New York.

Ferns. Teddy Jr., extra fine stock, broad and perfect; 5-in., 35c each; 6-in., 50c each. Bos-ton, fine fresh stock; 5-in., 30c each; 6-in., 50c each. The Storrs & Harrison Co., Paines-ville, Ohio.

Ferns. Scottii, Teddy, Jr., Boston, Neph. Whitmani. For sizes and prices see advertise-ment elsewhere in this issue. Godfrey Asch-mann, 1012 W. Ontario St., Philadelphia, Pa.

FERNS.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale cata-logue of ferns, Kentias. H. Plath, Lawrence and Wlunipeg Aves., San Francisco, Calif.

Ferns. Nephrolepis Verona. Splendid fronds, stand up well, 2-in., \$8 per 100, \$72 per 1,000; 3-in., \$12 per 100, \$90 per 1,000. P. S. Ran-dolph & Sons, R. D., Verona, Pa.

HARDY FERNS. Illustrated descriptive cata-logue and wholesale price list mailed free on application. LUDVIG MOSBAK, Ferndale, Askov, Minnesota.

TABLE FERNS, best varieties, fine stock, 2-in., \$3 per 100, \$25 per 1,000; 3-in., \$5 per 100, \$40 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Fine Nephrolepis ferns. For varieties and prices see advertisement elsewhere in this issue. F. R. Pierson Co., Tarrytown, N. Y.

GERANIUMS.

Geraniums, Alph. Ricard, Beauty Pottevine, Jean Viaud, Edmond Blanc and Scarlet Bedder, 2-in., \$2 per 100, \$20 per 1,000; 3-in., \$3 per 100, \$30 per 1,000. S. A. Nutt, Gen. Grant, Mad. Buchner, Mad. Recamier, Jean Oberlee, Abbie Schaffer, E. G. Trego, etc., 2-in., \$2 per 100, \$18.50 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums. Well established two and a quar-ter inch stock. Top cuttings and no hard wood. Varieties: S. A. Nutt, General Grant, Madame Buchner, Gloire De France, \$3.00 per 100, \$25.00 per 1,000. You will appreciate our good packing.

STUPPY FLORAL COMPANY,

St. Joseph Missouri

GERANIUMS.

A. Ricard and J. Viaud, 2½-in., \$2.25 per 100; \$20.00 per 1,000.

S. A. Nutt, \$2.00 per 100; \$18.00 per 1,000. Strong plants, ready now. Cash from unknown parties.

THE COLUMBUS FLORAL COMPANY, Columbus, Ohio.

Geraniums. S. A. Nutt, 2-in., \$2.00 per 100; \$18.00 per 1,000; rooted cuttings, \$12.00 per 1,000. Also few white cuttings and 2-in. good stock. Cash. W. E. ALLEN, Leominster, Mass.

Geraniums, 100,000 in 2 and 2½-in. pots, in 28 varieties, \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, S. A. Nutt and Buchner, \$13.50 per 1,000; Ricard and Pottevine, \$16 per 1,000. Albert M. Herr, Lancaster, Pa.

GREENS.

Greens. Southern Wild Smilax, \$2.50 per case; bolly, \$2.25 per case; fadeless sheet moss, \$3.50 per bag; natural sheet moss, \$1.75 per bag; southern gray moss, \$2.50 per bag; long needle pines, \$1.25 per dozen. Caldwell The Woodsman Co., Evergreen, Ala.

Greens. Southern wild smilax, \$2.50 per case; bolly, \$2.25 per case; dyed sheet moss, \$3.50 per bag; natural sheet moss, \$1.75 per bag; long needle pines, \$1.25 per dozen; gray moss, \$2.50 per bag. E. A. Beaven, Evergreen, Ala.

Southern Wild Smilax, \$2.00 per 50-lb. case. Very quick delivery. WINTERGREEN GAR-DENS, Marion, Ala.

HYDRANGEAS.

Hydrangeas, single stem plants, set with good plump flower buds. For varieties and prices see advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, New York.

HYDRANGEA OTAKSA, 3-in., \$5 per 100. Flowering sizes pot-grown, 25c to 50c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. Peterson Nur-sery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LANTANAS.

LANTANAS, 3-in., yellow and pink, strong plants, \$8 per 100; weeping, 3-in., \$6 per 100; 2-in., \$3.50 per 100. ERNEST ROBER, Wil-mette, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. Chas. Schwake & Co., Inc., 90-92 West Broad-way, New York.

Lily of the Valley pips (new crop), Berlin or Hamburg. Cases of 1,000 each, \$17 per case; cases of 500 each, \$9 per case. J. M. Thor-burn & Co., 53 Barclay St., New York.

MOONVINES.

Moonvines. Parlor Ivy, Cuphea, Petunias, Salvia, Swainsona, Lemon Verbenas, Alcantaras, 2-in., \$2 per 100; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

NURSERY STOCK.

Write for wholesale price list of ornamental nursery stock. MAYWOOD NURSERY CO., Maywood, Ill.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PANSIES.

FOR SALE—Pansies, Vaughan's Giant mix-ture, Improved German mixture, Paris market; also other varieties in separate colors. Strong plants, Sept. sown, cold frame grown, \$2.50 per 1,000. G. F. ODOR, Iola, Kansas.

PALMS.

PALMS.

KENTIA FORSTERIANA SINGLE PLANTS.

Leaves		Each	
6 inch pots	5-6	28 inches high...	\$ 1.25
6 inch pots	6-7	32-34 inches high...	1.50
6 inch pots	6-7	34-36 inches high...	2.00
8 inch tubs	6-7	40-42 inches high...	3.50
8 inch tubs	6-7	42-46 inches high...	4.00
8 inch tubs	6-7	50 inches high...	5.00
9 inch tubs	6-7	52-56 inches high hv	7.00
10 inch tubs	6-7	60 inches high...	8.00
10 inch tubs	6-7	60-65 inches high...	12.00
15 inch tubs	6-7	8 feet high...	40.00
15 inch tubs	6-7	9-10 feet high...	50.00

KENTIA BELMOREANA SINGLE PLANTS.

Leaves		Each	
2½ inch pots	4	\$1.50 per doz., \$12 per 100	
		ins. high	Per Doz.
4 inch pots	5-6	16-18 45c each.....	\$5.00
6 inch pots	5-6	24 each	1.25
6 inch pots	5-6	28 each	1.50
8 inch tubs	5-6	42 each	5.00

Specimen plants, 15 inch tubs, \$75.00 each.

KENTIA FORSTERIANA MADE UP PLANTS.

Plants		Each	
6 inch pots	3	26-28 inches high.....	\$ 2.00
7 inch tubs	3	30-32 inches high.....	2.50
8 inch tubs	3	38 inches high.....	4.00
8 inch tubs	4	48-50 inches high.....	5.00
9 inch tubs	4	52 inches high.....	6.00
10 inch tubs	4	54 inches high.....	8.00
12 inch tubs	4	60-64 inches high.....	12.00
12 inch tubs	4	66 inches high.....	15.00
15 inch tubs	4	6-8½ ft. high, heavy...	25.00
15 inch tubs	4	75-80 inches high.....	30.00

ARECA LUTESCENS.

Plants		Each	
6 inch pots	4	bushy, 24-26 inches high.	\$1.25

ASPIDISTRAS.

5 inch pots	10-12 leaves green	\$1.00
6 inch pots	16-20 leaves green	1.50
5 inch pots	10-12 leaves var.	1.50

POEHLMANN BROS. CO.,

Morton Grove, Illinois.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

PALMS.

Kentia Belmoreana, 4-in., 5 leaves, 40c each; 5-in., 5 leaves, \$1.00 each; 6-in., 5 to 6 leaves, \$1.25 each; 6-in., 6 leaves, \$1.50 each. Kentia Forsteriana, 6-in., 5 to 6 leaves, \$1.50; 7-in., 6 leaves, \$2; 7-in., 6 to 7 leaves, \$2.50. Made-up bushy plants, 3 and 4 plants to a tub, 7-in. tub, 36 in. high, \$3.50 each; 8-in. tub, 33 to 40 in. high, \$4.50 each; 8-in. tub, 40 to 44 in. high, \$5 each; 9-in. tub, 54 to 60 in. high, \$8.50 each. The Storrs & Harrison Co., Painesville, Ohio.

Kentias. Belmoreana and Forsteriana. For sizes and prices see advertisement elsewhere in this issue. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

LATANIA BARBONICA PALMS. 15-in. tubs, suitable for decorative work, \$5 each. Pandanus Veitchii, 15-in. tubs, \$5 each. HENRY SMITH, Grand Rapids, Mich.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th Sts., Philadelphia, Pa.

Palms. Joseph Heacock Co., Wyncote, Pa.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. HENRY SMITH, Grand Rapids, Mich.

Pandanus Veitchii, 4-in., 35c each; 6-in., 75c to \$1 each; 7-in., \$1.25 each; 9-in., \$2.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

Peppers. Bird's-Eye, bushy plants, 4-in., \$12.00 per 100; \$100.00 per 1,000. Peppers, Celestial, 4-in., \$12.00 per 100; \$100.00 per 1,000. Jerusalem Cherry, 4-in., \$12.00 per 100; \$100.00 per 1,000. PYFER & OLSEM, Wilmette, Ill.

PRIMULAS.

PRIMULA MALACOIDES.
Extra fine stock. 100 1,000
2-inch\$3.00 \$27.50
2½-inch 4.00 35.00
3-inch 6.00 50.00
PYFER & OLSEM, Wilmette, Ill.

PRIMULAS. Obconica, Chinensis and Malacoides, 2-in. pots at \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIVET.

California Privet, special grade, 12 to 18-in., \$8 per 1,000; 1½ to 2 ft., \$10.50 per 1,000. Cash with order. J. T. Lovett, Little Silver, N. J.

ROSES.

Roses. Extra strong, field-grown climbing roses to bloom for Easter; also hybrid perpetual roses. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Selected Forcing Grade Roses, Climbers, extra strong, \$15 per 100; baby roses, \$15 per 100. For varieties see advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, New York.

Roses. Pot-grown, 2½ and 4-in. Field grown, to pot, 5 to 6-in. The Leedle Floral Co., Springfield, O.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

SEEDS.

Seeds. Asparagus Plumosus Nanus, greenhouse grown, 1,000, \$3.50; 10,000, \$32.50. California grown, 1,000, \$2.50; 10,000, \$22.50. Arthur T. Eddington Co., Inc., 123 Chambers St., New York.

Seed. New crop northern greenhouse grown Asparagus plumosus nanus, 50c per 100 seeds; \$1 per 250 seeds; \$3.50 per 1,000 seeds. Vaughan's Seed Store, Chicago and New York.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, contract growers of cucumber, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and dower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds. Bean, cucumbers, muskmelon, watermelon, squash and sweet corn. Michigan-grown radish our specialty. S. M. Isbell & Co., Jackson, Mich.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed. Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers. Piedricktown, N. J.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Peas, beans and sweet corn, Michigan and Iowa grown. Sioux City Seed & Nursery Co., Sioux City, Iowa.

Seeds, specialties: Lettuce, onion, sweet pea, aster, cosmos, mignonette, verbena in variety. Waldo Rohnert, Gilroy, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsley, parsnips, turnips. R. & M. Godineau, Angers, France.

Seeds, large growers and shipper of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds. Beet, sweet corn, garden bean, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seed. Flower and vegetable of every description. Barnard's Seed Store, 231-235 W. Madison St., Chicago.

Seeds. Flower and garden seeds. Sweet Pea and Nasturtium a specialty. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Elliott Sts., Baltimore, Md.

Seeds. Cucumber and Muskmelon. Pure stock, good deliveries and moderate prices. R. H. James, Rocky Ford, Colo.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

SEEDS.

Seed. Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

Seeds. All the leading kinds for spring and summer planting. James Vick's Sons, Rochester, N. Y.

Seed. High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds. Flower, sweet pea and nasturtiums. The L. D. Waller Seed Co., Guadalupe, Calif.

Seed. Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seeds, flower, vegetable and farm. Wholesale only. Kelway's, Langport, England.

Seeds. Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seed. For the wholesale trade only. Branslan Seed Growers' Company, San Jose, Calif.

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Potash Factory to Be Built By Government.

A plant on a commercial scale will be built by the department of agriculture for the conduct of experimental work in the production of potash from kelp, an appropriation of \$175,000 for the purpose having been made at the last session of congress. Two locations are under consideration, one near Santa Barbara, and the other near Long Beach, Calif. It is expected that a definite location for the department's factory will be selected shortly and that the work of constructing the plant will begin soon afterward.

The plans call for a plant capable of handling approximately 200 tons of wet kelp per day. Electric power probably will be used for all mechanical operations, while heat for drying and distillation will be furnished by crude petroleum. The equipment will consist of drying kilns, distilling chambers, vats, handling machinery, and the necessary buildings to house this apparatus.

From the 200 tons of kelp used daily about five tons of muriate of potash will be manufactured. The product will be sold and the proceeds turned into the United States treasury. The primary purpose of the plant will be to determine the most economical processes for producing potash from kelp and to work out methods for the recovery and utilization of by-products. Numerous methods will be employed experimentally in operating the factory with this end in view. For the most part, however, the department will depend on distillation processes.

The department has decided to locate its experimental factory in southern California because of the combination in this region of an adequate supply of kelp and admirable operating conditions. The kelp grows in vast groves in water about 60 feet deep along extensive sections of the Pacific coast. For use in the manufacture of potash it is gathered by ocean-going harvesters which cut the plants beneath the water. In some places the beds extend to the 3-mile limit, but in the neighborhoods now being considered by the department as locations for its factory the groves are much narrower. The plants grow rapidly, and it is believed that little difficulty will be experienced in obtaining an adequate supply of raw material.

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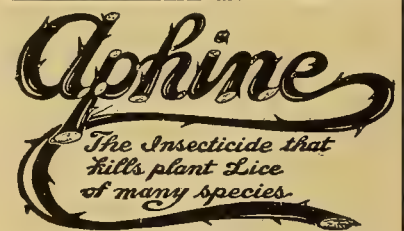
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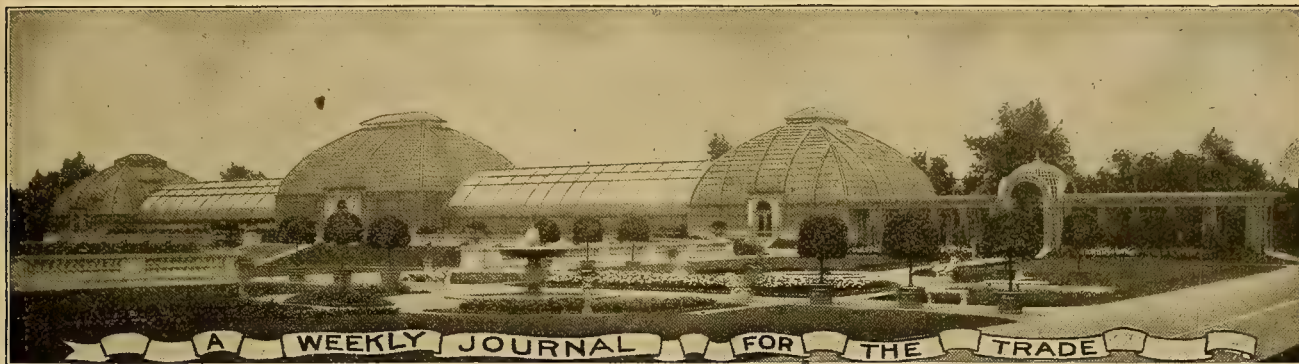
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CHICAGO AND NEW YORK, JANUARY 6, 1917.

No. 1492

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—R. C. KERR, Houston, Texas.
President; A. L. MILLER, Brooklyn, N. Y., Vice-
President; JOHN YOUNG, New York, Secretary;
J. J. HESS, Omaha, Neb., Treasurer. Next annual
convention at New York, August 21-24, 1917.

Fifth National Flower Show.

The Fifth National Flower Show and the
Thirty-fourth convention of the Society of Amer-
ican Florists will be held at St. Louis, Mo.,
April 6-15, 1918.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at
Indianapolis, Ind., January 31-February 1, 1917;
J. F. AMMANN, Edwardsville, Ill., President;
W. J. VESEY, JR., Ft. Wayne, Ind., Vice-Presi-
dent; A. F. J. BAUR, Thirty-eighth Street and
Rockwood Ave., Indianapolis, Ind., Secretary.

AMERICAN ROSE SOCIETY.

Next annual convention and exhibition Phila-
delphia, March 20-23, 1917. S. S. PENNOCK, Phila-
delphia, Pa., President; LOUIS REUTER, Westerly,
R. I., Vice-President; BENJAMIN HAMMOND,
Beacon, N. Y., Secretary.

AMERICAN ASSOCIATION OF PARK SUPERINTENDENTS.

Next annual meeting, St. Louis, Mo., October:
1917. JOHN F. WALSH, New York, President;
ROLAND COTERILL, Park Department, Seattle,
Wash., Secretary-Treasurer.

CHRYSANTHEMUM SOCIETY OF AMERICA

Annual convention and exhibition at Cleveland,
O., November 1917. WM. VERT, Port Washington,
N. Y., President; C. W. JOHNSON, 2134 W. 110th
Street, Chicago, Secretary.

AMERICAN GLADIOLUS SOCIETY.

Next annual meeting and exhibition at New
York, August 21-24, 1917. CHAS. F. FAIRBANKS,
Boston, Mass., President; HENRY YOEUELL, 538
Cedar Street, Syracuse, N. Y., Secretary.

SOCIETY OF AMERICAN FLORISTS.

Next Annual Convention New York, August 21-24, 1917.

The President's Message.

We are at the beginning of a new year, and again thinking of our friends. The splendid old year has gone, taking its many seasonable possibilities, but gives us in keeping a beautiful new year. The three hundred and sixty-five days of the year just passed were filled to overflowing with many opportunities to acquire happiness by spreading sunshine among our friends. We wish our friends success.

With the possibilities of this new year comes a ray of hope for peace between the warring nations, our friends, our brothers; a conception of which, when accomplished, will constitute once more joy, smiles, laughter and work, which leads to their success. The heart of every American florist goes out in sympathy to our fellow craftsmen who are located in the warring countries. Let us each and all wish for an early peace, in order that it may alleviate suffering humanity and restore prosperity and happiness among them. And may the widened circle of our S. A. F. in our own land give the new year distinction in our calendar, as that in which the blessings and good of the organization were made more manifest than ever before to the communities which have been fortunate to have had the S. A. F. in trust.

I wish each and all success, or, better still, may each one realize his own ideals in his own life, which, when accomplished, will constitute success. May the whole new year be one round of friendships, joyous days of labor and tasks well done.

President Kerr's Appointments.

Directors under affiliation to serve one year: George Asmus, Chicago, vice-president, Florists Telegraph Delivery; S. S. Pennock, Philadelphia, Pa., president, American Rose Society; J. F. Ammann, Edwardsville, Ill., president, American Carnation Society; E. G. Hill, Richmond, Ind., president, Florists' Hail Association; George E.

M. Stumpp, New York, president, New York Florists' Club; A. Farenwald, Roslyn, Pa., president, Florists' Club of Philadelphia; Wm. H. Amling, Maywood, Ill., president, Chicago Florists' Club.

Washington Representative—William F. Gude.

National Flower Show Committee—Thomas Roland, Nahant, Mass., reappointed for full term of six years.

Committee on Tariff and Legislation—William F. Gude, Washington, D. C., chairman; James McHutchison, New York; Wm. H. Siebrecht, Jr., Long Island City, N. Y.; Heber J. Ware, New York; Leonard Vaughan, Chicago.

Committee on Publicity—W. F. Therikildsen, Philadelphia, Pa., term five years; Guy French, Morton Grove, Ill., term four years; Joseph Heacock, Wyncote, Pa., term three years; Thomas H. Joy, Nashville, Tenn., term two years; Edward P. Tracey, Albany, N. Y., term one year. This committee elects its chairman.

Committee on National Credit and Collections Bureau—C. E. Critchell, Cincinnati, O.; S. S. Pennock, Philadelphia, Pa.; Frederick A. Danker, Albany, N. Y.; Hans Plath, San Francisco, Calif.; E. B. George, Painesville, O.; George W. Smith, Cleveland, O.; Thomas Roland, Nahant, Mass.; F. L. Atkins, Rutherford, N. J.; Joseph H. Hill, Richmond, Ind.; T. J. Wolfe, Waco, Tex.

Committee on Convention Garden—Theodore Wirth, Minneapolis, Minn., term three years; Clarence L. Brock, Houston, Tex., term two years; Gustav Amryhn, New Haven, Conn., term one year.

Committee on Mother's Day—Edward J. Fancourt, Philadelphia, Pa.; Karl P. Baum, Knoxville, Tenn.; Henry Greve, Dallas, Tex.; Charles P. Mueller, Wichita, Kan.; C. W. Eichling, New Orleans, La.; O. J. Olson, St. Paul, Minn.; Charles J. Graham, Cleveland, O.; R. E. Schiller, Chicago; F. A. Holton, Milwaukee, Wis.; Irwin Bertermann, Indianapolis, Ind.



George Asmus, Chicago.
Chairman National Flower Show Committee.



Daniel MacRorie, San Francisco, Calif.
Retiring President.



Thomas Roland, Nahant, Mass.
Member National Flower Show Committee.

Committee on School Gardens—Benjamin Hammond, Beacon, N. Y., chairman; Michael Barker, Chicago; Irwin Bertermann, Indianapolis, Ind.; Gustav Amrhyn, New Haven, Conn.; Leonard Barron, Garden City, N. Y.

Committee on Development of American Products—Charles Willis Ward, Eureka, Calif., chairman; H. P. Knoble, Cleveland, O.; E. H. Wilson, Boston, Mass.

Committee on Trade Directory—J. A. Peterson, Cincinnati, O., chairman; Charles L. Baum, Knoxville, Tenn.; R. C. Kerr, Houston, Tex.; Hans Plath, San Francisco, Calif.; Patrick Welch, Boston, Mass.; W. J. Keimel, Elmhurst, Ill.; Samuel Murray, Kansas City, Mo.; Theodore Wirth, Minneapolis, Minn.

At the Houston convention, the report of this committee was referred to the executive board for action. The committee is therefore reappointed until their work is completed.

Committee on Nomenclature—Prof. E. A. White, Cornell University, Ithaca, N. Y.; W. W. Ohlweiler, Missouri Botanical Gardens, St. Louis, Mo.; T. B. Symons, College Park, Md. Botanist—John Dunbar, Rochester, N. Y.

Pathologist—George L. Peltier, Agricultural experiment station, Auburn, Ala.

Entomologist—Dr. T. F. Headlee, Agricultural experiment station, New Brunswick, N. J.

STATE VICE-PRESIDENTS.

Alabama—W. B. Paterson, Jr., Montgomery.

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Michigan—A. J. Stahelin, Redford (East); John R. Van Bochove, Kalamazoo (West).

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Missouri—Jules Bourdet, St. Louis (East); Charles E. Heite, Kansas City (West).

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Nebraska—Charles Green, Fremont. New Hampshire—Donald McLeod, Concord.

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New York—Max Schling, New York (East); Wallace H. Eliss, Buffalo (West).

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North Dakota—T. D. Smedley, Fargo.

Ohio—F. C. W. Brown, Cleveland (North); H. W. Shepperd, Cincinnati (South).

Oklahoma—Lon Foster, Oklahoma City.

Oregon—George Spencer, Portland.

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Washington—J. W. Duncan, Spokane.



Patrick Welch, Boston, Mass.
Member National Flower Show Committee.



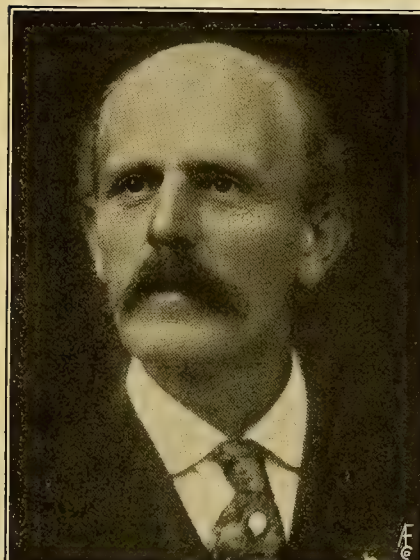
R. C. Kerr, Houston, Tex.
President.



W. F. Therkildson, Philadelphia, Pa.
Publicity Committee.



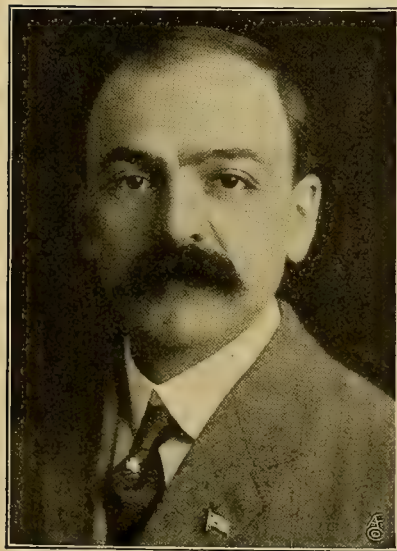
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James McHutchison, New York.
Tariff and Legislative Committee.



Benjamin Hammond, Beacon, N. Y.
Chairman School Gardens Committee.

PRESIDENT KERR OF THE SOCIETY OF AMERICAN FLORISTS AND SOME MEMBERS OF HIS CABINET.

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Wisconsin—W. A. Kennedy, Milwaukee.

Wyoming—W. W. Keefe, Caspar.

Alberta—A. M. Terrill, Calgary.

Manitoba—H. E. Philpott, Winnipeg.

Ontario—H. Dilleuth, Toronto.

Quebec—Geo. A. Robinson, Montreal.

Holland—Wm. de Graff, Hendrick Leiden.

Cuba—Wm. Plumb, Havana.

JOHN YOUNG, Sec'y.

President R. C. Kerr has sent a personal letter to each of the state vice-presidents, as follows:

My Dear Sir:

As president of the S. A. F., I congratulate you upon your acceptance of the office of state vice-president, and I believe your acceptance will warrant my earnest desire for full and hearty co-operation on all subjects of interest to our organization. Do not overlook the fact that you are the headquarters representative in your state, and I have full confidence in your ability to serve our society in an energetic and intelligent manner. Of course, it is only natural for you to have the interests of your local organization at heart, but I sincerely trust, and in fact know that you will make special efforts to make the society of which you are state vice-president one of the largest organizations in your territory. It is incumbent upon you to direct your attention to securing as many new members as possible, and of taking care of the various interests of the present members in a businesslike manner.

It is also your duty to get in touch with each and every member of our society in your state and obtain their co-operation, which I am quite positive will be given you. Have you considered that the next convention promises to be the largest gathering of our S. A. F. that has ever been held in America? Just instill into the members in your state the fact that great things are in store for them. It is natural for you to expect that this office will aid you in every possible way to make a success of your administration, which, of course, it is needless to say, we will most gladly do.

I know that we shall reap our reward at New York, and I would be unworthy of your consideration, should I think but that it was your co-operation and assistance which aided to make our administration a great success, which I am sure it will be. It is for the above reasons that I am writing you this personal letter. Always bear in mind that I will assist you whenever called upon, or on other occasions when necessary. Do not let this opportunity for service stray from your doorway.

R. C. KERR,
President of S. A. F.

Ladies' Society of American Florists.

PRESIDENT'S APPOINTMENTS.

Miss Perle B. Fulmer, president of the Ladies' Society of American Florists, announces the following appointments:

Directors, 1917-1918—Mrs. J. T. D. Fulmer, Des Moines, Ia.; Mrs. Anders Rasmussen, New Albany, Ind.; Mrs. B. H. Tracy, Wenham, Mass.

Introduction committee, 1917—Mrs. Walter F. Sheridan, chairman, New York; Mrs. H. G. Berning, St. Louis, Mo.; Mrs. W. H. Sievers, Buffalo, N. Y.; Mrs. Benjamin Hammond, Beacon, N. Y.; Miss M. C. Gunterburg, Chicago.

Mrs. CHARLES H. MAYNARD, Sec'y.

THE CARNATION.

Propagating Carnations.

Preparations for the propagation of the carnation cuttings for next season's requirements should now be well in hand. If the arrangements have not been made to properly carry on this work, it is highly important that they be attended to without any further delay. Cuttings rooted between January 1 and February 15, and given careful attention while in the different stages of their growing season, develop into the most productive plants for winter flowering. The first, most essential thing to be considered is the preparation of the propagating house or bench.

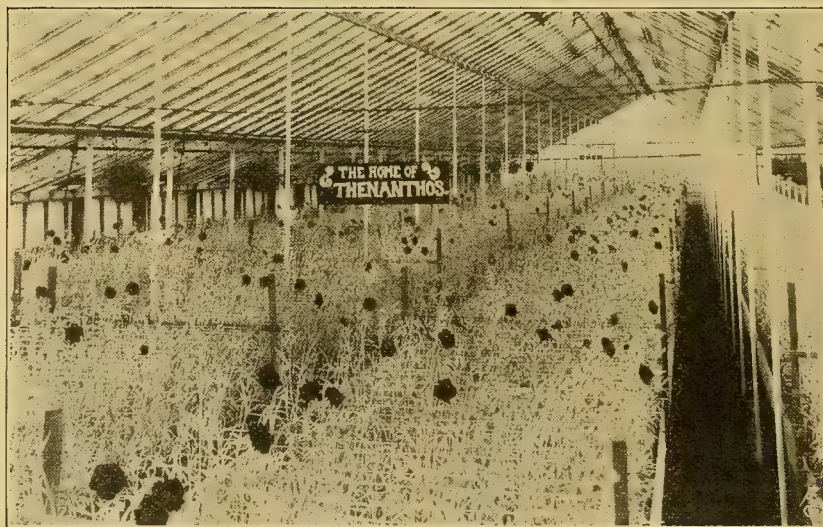
The grower who makes the production of large quantities of rooted cuttings an important part of his business has a propagating house specially fitted up for turning out a big number of cuttings in the shortest possible time, but not so with the new beginner or the man who propagates a small surplus above his own requirements; usually the right kind of propagating space is a serious problem with them and generally a bench in one of the carnation houses or a part of a bench in a mixed propagating house has to be utilized, but whichever is the case the bench selected should be one that allows for a steady bottom heat to be used when needed. While steady firing is going on, the earlier batches of cuttings root readily, but later in the season more bottom heat is necessary to get a successful stand of cuttings. Good drainage is an important part of any propagating bed; a tight bottom bench that does not allow the water to pass freely

over the bottom of the bench, then the sand is filled in to the top. A fresh lot of sand should be used for each lot of cuttings, sifting it through a screen to remove any rubbish or coarse material.

When ready to start propagating, prepare the sand in sections at a time, leaving the rest of the bed in a dry state until needed. First give the sand a good watering, then thoroughly pound it down until it is firm and level. Next make arrangements to insure a bottom heat to the sand of 56 degrees; this can be done by tacking sacks along the sides of the bench, letting them hang to the ground, thus closing in the space underneath the bench entirely so that the heat does not go out through the house.

One of the most important factors connected with the propagation of carnation cuttings is a cool, even overhead temperature; it takes a few days longer to root the cuttings cool, but when rooted in a high temperature the life is sapped out of them, causing them to be weak and easily susceptible to disease. At night-time and during cloudy or very cold weather, an overhead temperature of 50-54 degrees is most suitable for the successful rooting of the cuttings. The cuttings need fresh air without cold draughts blowing directly on to them. Ventilate sparingly during very severe weather, and when the conditions become more favorable to allow for more air to be given, caution must be exercised to guard against draughts.

It is a general thing during the month of January for the glass to be either covered with frost or snow most of the time, so that excepting for a short while during the middle of the day (on bright days) shading is not necessary, but the bed should be fitted



CARNATION THENANTHOS AT HOME.

through the sand, consequently holding it too wet most of the time, makes a poor bench to root carnation cuttings.

We are using a coarse limestone on the bottom of our propagating benches to serve as a drainage for the sand, and are so well pleased with it that we recommend it to those who can obtain the material. First, the inside of the bench is well washed out, then given a good coating of fresh lime-wash, and when thoroughly dry, a thin layer of the limestone is spread

with overhead moveable cloth shades, which can be put on or taken off as becomes necessary. Every propagator has his own particular scheme for fitting up a shade over his propagating bed and works it out according to the material he has at his command, but we have given up the old style way of laying newspapers on the cuttings for shade, and the method most generally used is to obtain some sheet muslin, fastening wire rings along each side, hooking the rings on wires run-



Miss Perle B. Fulmer, Des Moines, Ia.
President Ladies' Society of American Florists.



Mrs. R. C. Kerr Houston, Tex.
First Vice-Pres. Ladies' Society of Am. Florists.



Mrs. Charles H. Maynard, Akron, O.
Secretary Ladies' Society of American Florists.

ning lengthwise of the bed. The shading can then be slid along to the end of the bench when not in use. The wires are placed about two feet above the cuttings and side curtains used from the wires to the top of the bed, making a complete canopy over the cuttings, acting as a means of shade and protection from draughts at the same time.

After all the work necessary to fitting up the propagating bed is finished we can turn our attention to the work of making the cuttings, a very important part of which is their selection. Do not take cuttings from plants that are at all undergrade or the benches next season will contain a large number of plants that are away behind the others in growth and the production of blooms. Experienced growers know what a surprising difference there is in the production of the plants grown from selected cuttings and those taken haphazardly throughout the bench. Some plants will show a more grassy growth than others and some will throw flowers not up to the highest grade in color or form. Plants of this character should be passed over for cuttings.

The best cuttings are obtained from the shoots at the base of the flower stems; usually three or four good cuttings can be taken from each flower stem, but select only those that are strong and even in size. The small cuttings from away up the stem, while they root easily enough, do not make as good plants. Care should be taken not to allow the cuttings to wilt between the time they are taken from the plants and put into the sand.

Trim up the cuttings by cutting off the hard end at the base and the tips of the leaves and remove enough of the lower leaves to make a clear stem long enough to insert in the sand. After the cuttings are trimmed drop them in a pail of water until ready for inserting in the sand. Use a straight edge for running the rows of cuttings in the sand, placing the rows about one and one-half inches apart, firming each row down with the forefingers. After the cuttings are placed in the sand, give a good watering in to well settle the sand, after which very little



Mrs. A. M. Herr, Lancaster, Pa.
Treasurer Ladies' Society of American Florists.

water is necessary, unless the sand shows signs of drying out too much. A light spraying overhead every day or two will keep the cuttings firm and crisp, but do not carry it to the extreme and cause the sand to become too wet.

C. W. JOHNSON.

Carnation Thenanthos.

At Anton Then's greenhouses, in the suburbs of Chicago, is found the home of Thenanthos, the new giant red carnation. In every respect this seems to be the ideal red. It has every reason to be proud of its ancestry; crossings with Scott, Nelson, and Lawson. had finally produced a strong growing red of great promise, which, with Enchantress blood, brought forth this wonderful flower.

As seen in the house given to it here, it should almost win the coveted 100 points. It has color, form, size and fragrance, and a splendid stem. In productiveness it averaged 30 blooms to a plant last year. The habit of the plant is a bushy, strong and vigorous growth; as many as five stout shoots to one

stem are seen in a number of the plants. Many flowering shoots, with buds about to open, now measure 36 inches above the soil. Not a dead leaf is to be seen anywhere; even the smallest leaves of the summer's growth at the soil line are as fresh and green as any on the plant. The cuttings of this stock were rooted early in January, grown on in pots and planted in beds June 23. Last spring they cut flowers with stems four feet four inches in length. The propagating house now contains over 50,000 strong, rooted cuttings, about to be potted off. There can be no question about the vigor of this variety. The A. L. Randall Co. is the exclusive distributor of this variety and has already sold a large number of cuttings to nearly all the leading carnation growers throughout the country.

In addition to the carnations, there is fine stock of well grown cyclamens, poinsettias, primulas and other Christmas plants, of which Mr. Then makes a specialty. Twelve thousand cyclamens in four to six-inch pots, looked to be just right for the holidays. Mr. Then is fortunate in the assistance of his two sons, John and Anthony, who are enthusiastic hustlers, well versed in all the details of the business.

Notes of Various Industries.

It has been learned that one of the worst storms in the history of Yucatan swept that coast about the middle of November. Millions of dollars in damage to the sisal crop and warehouses and shipping were done by the storm.

The secretary of agriculture announces that the experts of his department have developed a superior variety of cotton, which is called Pima cotton.

The best of a cargo of Almeria grapes sold in New York December 14-15 brought \$10 per barrel.

The Merchants' Association of New York has appealed to the department of commerce, the state department and the post office department for the establishment of the parcel post between the United States and Russia.

A. F. F.

PLANT NOTES.

Poinsettias.

This is a Christmas plant pure and simple. It is to the midwinter holidays what the lily is to Easter and the sale of plants or flowers after the new year is very small and hardly remunerative. The plants that are left should at once be treated for stock plants. It is the custom of some growers to immediately place the pots under a bench and water them no longer. It is much better, however, to block them up closely in a warm house and gradually dry them off until the wood ripens and then store them away where they will be kept dry. When the plants are treated by the former method the green wood often dies down more than half the length, but by a slower ripening off many more and much better cuttings can be obtained. They can be laid down on their sides under a carnation bench where they will not receive any water, or if the pots are needed they can be heeled-in in such a location, and here they can remain until April, when they should be started for propagation, using either the old growth or starting the plants into growth and making the cuttings from the young shoots as they break from the old wood. With these it is better to make the cuttings with a heel and in a warm location they root quite easily.

Cleaning Up After Christmas.

The Christmas sales will give the plantsman an opportunity to give the houses a thorough overhauling and begin preparations for the Easter stock, and also more room for the plants that are to produce flowers during the winter. The probabilities are that the best plants have been disposed of, and the demand for the balance will slacken up considerably for the next two or three weeks. Any plants that will not be salable in the middle of the next month, especially if they are not of the best quality, had better be thrown away, and not allowed to remain taking up valuable space for a month or more, only to be discarded later. The stock plants should all be selected and preparations for next season's propagation begun. The old favorite *Begonia incarnata* is still grown by many. The old plants never make good stock for another year, so select enough to produce all the stock wanted, and discard the balance. It will be busy times where many plants are grown, but the quicker and earlier the work is done the better will be the resultant crops. The bulb stock is now ready to be brought in and all the room should be immediately filled up with stock that can be grown into plants that will find ready sale. It sometimes takes courage to throw away plants that look as if they would bring in something, but it is far better to do this, even if a plant is thrown out that might be sold, than to carry along a lot of stock that never turns in a cent to the money drawer.

Vinca Rosea.

A plant that is often lost sight of by many for summer bedding is *Vinca rosea*, and it makes a most beautiful plant, being covered with flowers all through the summer until frost. The great cause of there not being much stock of these is that the seed is not sown early enough. December or early January is the time to plant the seeds of these plants to have them in fine shape for bedding out in June. Plants started early and grown in a warm house will be in flower at the time of

planting and continue a mass of bloom throughout the season. The seed should be sown in flats which should be placed in a house having a temperature 65° to 70°. When the second leaf forms they should be pricked out into other flats about an inch apart and when they have five or six leaves potted in 2-inch pots, later being shifted into the 3-inch size. The soil should be of a sandy nature both in the potting and in the bed, if possible, but they will grow well outside in a heavy loam. They can be had in white, rose pink and pink with white eye, and come very true to color from seed.

Tulips and Narcissi.

The Dutch bulbs are now in condition to bring into the houses, for they should be well rooted, and will force readily, and from the first of the year on the grower should regulate the culture of these so that there will be a continuous supply. The best way to accomplish this is to have one day in the week which is bulb day, that is, on this day the succeeding lots will be brought from where they are stored and placed in the greenhouses. The demand will, of course, fluctuate to some extent, but by looking back two or three years it will be found that the call for this stock is about in the same proportion every year, and a basis on which to figure about how many pots or boxes should be brought up can be obtained. If it is found that the stock is accumulating at any time, those that are not quite in bloom can be removed to a cooler house and retarded, and those that are almost in bloom, if moved into a shed where it is dark and quite cool, will last in splendid condition for a week or 10 days longer. For the present it will be necessary to put the pans and pots in a shaded position in order to get the proper length of stem. Those forced early if allowed to stand in a warm house in full sunlight, will open their flowers before they have attained good height, so it is well to place them under a bench or provide a place where they can be kept rather dark for a week. In cutting the flowers endeavor to cut them from the pans or boxes that have been in the houses the longest. A thoughtless man will cut into a box that is just opening and which would be good for a week or more, when there are plenty that could be cut that will not last nearly so long. There is always a great waste in growing bulbs and everything that is possible should be done to prevent it. On bulb day when the fresh lot is put on the bench those that were brought up three or four weeks before and are in full flower will be ready to be thrown out. Any flowers that may be on these boxes, if they are well in bloom, should be cut and placed in water. They will last much longer if cut and kept cool than they will if left on the bulbs in the greenhouses.

ST. JOSEPH, MO.—The Rau Floral Co. is increasing its glass area to 14,000 square feet.

MEDFORD, MASS.—Olivia F. Zinn has filed a petition in bankruptcy; liabilities, \$5,307; assets, \$150.

PASADENA, CALIF.—Elaborate floats marked the twenty-eighth annual tournament of roses parade here January 2. A special feature was the hotel division, in which 14 hotels from the Atlantic coast to Manila were represented. The prize in this division, a silver cup offered by the Palace hotel, San Francisco, was won by the Hotel Blackstone, Chicago.

CHRISTMAS TRADE.

As announced in our issue of December 30, the indications of a greatly increased Christmas trade over sales during the corresponding period of a year ago, are assured by reports from every part of the country, recording in many instances the best holiday business in history and showing sales increases over the wonderful record of 1915 of from 10 to 40 per cent in money value, while a general average of 25 per cent would probably not be overestimated. In a few words, it was, with very few exceptions, a cleanup in all lines at very satisfactory prices, the demand for both cut flowers and plants being much heavier than in former years.

The shortage in azaleas seemed to be little noticed, cyclamens proving a ready substitute, with poinsettias coming in for their accustomed share of popularity. The demand for all plants of the flowering varieties was unusually good. In the cut flower section roses, carnations and violets led the demand in the order named, with a good call for corsages. Made up baskets found ready buyers. The following reports, among a number received, prove that the florist is fast becoming a strong factor as a purveyor of Christmas gifts.

FREMONT, NEB.—Green's Greenhouses had a plentiful supply of stock in all lines of excellent quality, and while prices were about the same as last year, the 1916 Christmas sales showed an increase of 20 per cent in volume. The supply of bulbous flowers was ample, but the demand was poor, and they had to be pushed to make sales. Otherwise the quality of stock in general was better than a year ago. There was no marked increase in the demand for any special flower. A small gain was noted in plant sales as compared with last year, good cyclamens in 7-inch pots proving the best sellers. Two delivery autos made possible the delivery of all orders in daylight which heretofore had been a burden with five horse-drawn outfits.

RALEIGH, N. C.—J. L. O'Quinn & Co. report a better Christmas trade than in 1915, with higher prices and stock of better quality. There was a shortage of violets and the supply of bulbous flowers was not equal to the demand. In cut blooms there was an especially active demand for orchids, lily of the valley and violets, while in the plant section anything of good quality sold at sight. Immortelle wreaths, ruscus, holly, etc., were also ready sellers. The weather was ideal, but poor express service occasioned complaint on deliveries.

BANGOR, ME.—Adam Sekenger reports Christmas business 20 per cent greater than in 1915, prices being 10 per cent higher than last season. Roses and violets were plentiful, but the carnation supply was scant. Snapdragons sold well and there was an exceptionally good demand for roses. Cyclamens, begonias and primulas in large sizes sold readily and the supply of good azaleas was not sufficient to fill orders. Decorative plants were not as popular as in former years.

NEW ORLEANS, LA.—Higher prices, a 10 per cent increase in the volume of sales, and a shortage in cut flowers, is the report of Abele Bros. on the 1916 Christmas trade. There was no special demand in any particular line and the quality was better than in previous years. Bulbous stock sold readily. While there was an increased demand for flowering plants, lower priced ones had the call.

WILMINGTON, DEL.—H. P. Potter, although handicapped by having but half enough stock to meet his requirements, with the exception of bulbous flowers, reports an increase in sales of 40 per cent over the 1915 Christmas period. The quality of the stock was about the same as a year ago, but prices averaged 10 per cent higher, with carnations the leader in popularity in the cut flower class. Flowering plants sold well; in fact, anything that showed even fair quality found a ready buyer. Double the amount of cut flowers could have been disposed of without effort, but express shipments were not to be depended upon.

DALLAS, TEX.—The Lang Floral & Nursery Co. reports the largest Christmas business in its history, sales showing an increase of 50 per cent over those of 1915. Stock in all lines was of very good quality and the supply was ample with the exception of carnations and roses of the red varieties. American Beauty roses were very popular and found quick sale at prices ranging from \$15 to \$24 per dozen. Plant baskets were much in demand and good azaleas were fast sellers. There was such a brisk call for stock of all kinds that it would be hard to say what was most in favor.

BLOOMINGTON, ILL.—Washburn & Sons report an increase of about 10 per cent over the Christmas trade of a year ago, prices being slightly higher. The supply of cut flowers was plentiful and the quality as a whole averaged better than last year. Paper Whites were the only bulbous flowers handled and moved well as the price was the same as in former years. Plant sales were larger than usual, but there was no increase in the call for any special variety.

Buffalo, N. Y.

CHRISTMAS SALES BEST IN YEARS.

Christmas trade in this city was better than ever before, with an increase of about 20 per cent over the sales of last year's holiday season. American Beauty led in the top-notchers, selling as high as \$24 per dozen, although most of them sold went at \$18. Shawyer, Ophelia and Hadley sold at \$9 and selects in other varieties brought \$5, \$6 and \$7.50 per dozen. Ward, Killarney and Sunburst were quoted at \$2 upward, according to stem and flower. Carnations were not in heavy supply and sold at from \$2 to \$3. Jonquils, good flowers, went at \$2 and sold well. Paper White and yellow narcissi were \$1 per dozen and stevias were offered at 75 cents. Violets were to be had at \$2 per bunch of 50 and had a moderate sale, but were not as popular as last year. The weather on Saturday was cold and wintry; every one seemed imbued with the Christmas spirit and very little complaint was made at the prices asked. The first part of the week was given over to ruscus and other dried arrangements, also holly and greens.

NOTES.

W. J. Palmer had a fine display of cut stock, nearly all of their own growing, the number of plants handled being fewer than in former years. The same may be said of W. C. Stroh's flower shop and the Lenox Flower Shop, both of whom handled cut blooms extensively. S. A. Anderson, the Wm. Scott Co. and L. H. Neubeck had large quantities of plants. Anderson's basket arrangements were also very fine and were handsomely trimmed with ribbons or chiffons.

S. A. Anderson had a splendid window arrangement with the usual good taste that characterizes this establishment. Quality seemed to be the motto. His decorations for the fiftieth anni-

versary of the Buffalo Club were also very handsome.

M. A. Vinson, of Cleveland, O., with advance information regarding the coming chrysanthemum exhibition to be held in that city, was a recent visitor. Although the meeting is not scheduled until next fall Cleveland is getting an early start.

BISON.

Milwaukee.

CHRISTMAS TRADE A HUMMER.

While the Christmas trade just passed was a hummer with most of the retailers, it caused more worry and work than for a good many seasons past. In the first place, the cry that pot plants were scarce was rather misleading, for just because azaleas happened to be scarce, was no good reason for such alarm; there were just as many of the older standbys to help out. Due to the cold weather, the rose crops did not quite come up to expectations, while the carnation supply was about 10 per cent ahead of last year. The colored roses, especially the short and medium grades, were quickly disposed of, with the fancy grades a close second. In the carnation line, the whites were most abundant and least wanted, and on the whole they did not enjoy the popularity, judging by the returns, which they did a year ago. A good many more violets and sweet peas could have been sold had the supply been heavier. All in all we would say that the demand for pot plants was ahead of last year and had the preference over cut flowers. A good many complaints of stock being totally or partially frozen, going or coming, are being heard from and no doubt the express companies, who had more business than they could properly take care of, will be kept busy trying to get the matters straightened out for some time to come. Strange to say that New Year's business consisted mainly in corsage work, which called for violets, sweet peas, orchids, etc., all of which were on the short side.

NOTES.

The C. C. Pollworth Co. found ready sale for the azaleas for New Year, which were not ready by Christmas. They are receiving numerous orders for their new chrysanthemum, Mrs. C. C. Pollworth, which they are disseminating this season. It is a sport from Chrysolora, which originated on their place four years ago, and being an incurve, like Bonnafon, has at least that advantage over the older variety. It captured a bronze medal in Chicago the first time it ever was staged.

We regret to report that Fred Holton, of the Holton & Hunkel Co., has been confined to the house since December 19 with rheumatism, which is causing him endless pain both day and night. Herm. Hunkel, of the same firm, who had his Hudson car stolen from the store November 21, received word from Chicago that both car and the thief had been located last week.

Gust Rusch & Co. report a fine holiday trade. They did not receive the expected cut of American Beauties from the Cudahy Floral Co., due to the unfavorable weather. A shipment of cut boxwood, due for the holiday trade, arrived on Christmas day and proved to be a total loss, having been badly frozen.

J. M. Fox & Son, Inc., report the best holiday business ever, especially in the plant line; with them it was work three days and nights in order to get all orders out satisfactorily.

Walter M. Maas says "it was the best ever." It must have been strenuous for he was all in at 11 p. m. Saturday, December 24, and had to let the others do the rest.

E. O.

New York Notes.

The New York Tribune is one of the great newspapers that is to be commended for dropping the outlandish and silly "Sunday supplements," which are of no value to old or young. The "Tribune Graphic" for December 31 contained a page of beautiful reproductions of roses and chrysanthemums which have been seen at recent shows. In roses, C. H. Totty's new yellow rose, Lillian Moore, is featured. It will be recalled that this rose won the \$1,000 trophy at the Panama-Pacific exposition. It has previously been described in these columns. Another rose featured is Mme. Colette Martinet, and we understand it will be disseminated this year by A. N. Pierson, Inc., who grew the stock from which the photograph used in the illustration was taken. It is described as golden yellow, changing to old gold, shaded with orange yellow in the open flower. The chrysanthemum, Louisa Pockett, by Totty, a rival of William Turner, is shown to advantage. Another of Totty's productions is the chrysanthemum Nag-ir-Roc, a bright bronze-yellow, the flowers being large. The single chrysanthemums, Katewood and Barbara Davis, both by A. N. Pierson, Inc., are also fine reproductions.

The case of Charles Lenker, the Freeport florist, charged with using offensive language toward the President and the American flag, came up, December 12, but was postponed until January, 1917. In the meantime, we understand that a grand jury will investigate the charges.

Peter Fallon, 208 Main street, Astoria, has a nice retail store and a good business. In Mrs. Fallon he has an able and active helpmate in the business.

Z. S. Pappageles, of the Cathedral Florists, Broadway and Cathedral parkway, advises us that they were completely cleaned out of Christmas plants.

I. H. Eisenberg, 916 Sixth avenue, had a large amount of funeral work; making up a pall of cattleyas and white roses and number of fine designs.

The Flower Garden Shop, of which Brown & Beck, 95 Halsey street, are proprietors, is showing good features and reports good business.

The Flower Basket Shop, 147 West 44th street, is now finely located in their remodeled store and is doing a fine business.

Walter T. Lee, a well-known designer and decorator, is now with the Circle Florist, 8-9 Columbus Circle, at 59th street.

Myer, Madison avenue and 58th street, was very busy on New Year's and New Year's Eve, with table decorations.

Herman Weiss, 106 West 28th street, had a fine stock of Hadley roses for Christmas, which sold well.

The Claridge Flower Shop is a new retail venture at 157 West 44th street. It is conducted by Sam Berkowitz, Jr.

The Boulevard Floral Co., 2391 Broadway, had a fine holiday business, both in plants and cut flowers.

N. Scoffes has a fine store at 501 Nostrand avenue, Brooklyn, and is well prepared for Christmas business.

Frank G. Seymour, 17 McDougal street, Brooklyn, was well pleased with the holiday business.

Jack Trepel is well pleased with the business at his new store, 480 Fulton street, Brooklyn.

G. E. M. Stumpp stated that his New Year's business was better than last year.

Alfred Kottmiller had a number of good table decorations for New Year's.

Visitors: Wallace R. Pierson, Cromwell, Conn., and W. J. Stewart, Boston, Mass.

A. F. F.

Pittsburgh, Pa.

HOLIDAY SALES SHOW BIG GAINS.

"The best Christmas ever" is the report from all. Almost every florist reports that business was larger this year by 25 to 50 per cent over any preceding year. All dealers cleaned up well, which indicates everyone made good profit. Holly sold well, but the quality was not up to the usual high standard. Boxwood and magnolia wreaths were all cleaned up. Boxwood became quite scarce at the last minute, caused by shipments being delayed by the express companies. Poinsettias and ruscus had quite a call. The supply houses were sold out early of most all decorative material. The cut flower business was very good for the entire week. Poinsettias, primulas, crotons, heathers, cyclamens, begonias and other beautiful plants, each arranged in the most artistic manner, had a tendency to attract the flower buyer. All other cut flowers sold well and at good prices. Many flowers were delayed in transit, and of course, were either left on hand or had to be sold below market prices. Violets and American Beauties seemed to have suffered the most. Many shipments were from 24 to 36 hours late, and then were refused on account of the delay. The express companies then disposed of them to the best advantage, therefore there were some cheap flowers on the market. All stock could have been sold at good prices if they would have been received on time. Many orders were refused on this account. Even on out-bound shipments there was an embargo. Express packages were received only at owner's risk. Even after the Christmas rush shipments were still arriving from 10 to 12 hours late. New Year's business was up to the usual standard and helped to wind up one of the largest years in the flower business.

NOTES.

Randolph & McClements had a beautiful store for the holidays. When the writer called a few days ago, they had sold the store decorations to be used at a ball the next night.

Zieger Co. had a large business in corsages and fancy plant baskets. Mr. Gibson is more than pleased with this year's business.

Mrs. E. A. Williams had a wonderful stock of beautiful plants for her holiday trade, each arranged in her artistic style.

E. C. Ludwig disposed of many cases of holly and did a large business in cut flowers and plants for the holidays.

Pittsburgh Cut Flower Co. disposed of an entire house of orchids that was in just right for Christmas.

Wm. Turner, of Wilkinsburg, had a fine crop of stevia, just right for last week.

We all look for the usual eastern "drummer" to call on the trade this week.

Chas. Patton, of Sewickley, cleaned up all salable stock in his greenhouses.

McCallum Co. kept both their trucks going night and day during the rush.

M.

Toronto.

RETAIL TRADE ON PAR WITH 1915.

The Christmas just passed was peculiar in many respects. The wholesalers are of one opinion, and that is of a record business, but with the retailers the balancing of the books shows a business equal to former years, but not much increase. The advance call was very heavy, but on Saturday and Monday there was a noticeable depreciation. This was, no doubt, due largely to the lack of azaleas. Where in former years these plants were handled by the hundreds, at prices ranging from \$4 to \$15 each, this year many customers with their

lists and cards made up would not leave their orders. Plant stock, and made-up baskets were again in very heavy demand. Fortunately the market was well supplied with good cyclamens at from \$3 to \$5 each, and basket arrangements at from \$5 to \$15 each. The rose stock was very good, but the prices asked by the wholesalers were out of proportion, especially as the stock was all classed as better grades and there were very few at \$3 per dozen on the market. Carnations also commanded from \$8 to \$12 per hundred wholesale, and when one figures out, it is surprising that stock sold as well as it did. Christmas greens had a large call and wreathing was advanced from 10 to 25 per cent above former years. Holly and mistletoe prices ranged as usual. American Beauties were not very plentiful and were in good demand. Mrs. Russell were very fine and wholesaled as high as \$60 per 100. Hoosier Beauty, Richmond, Shawyer, Ophelia and Stanley were all of good quality. Carnations were hardly as good in quality as other years, though the scarcity of stock kept the price well up. Poinsettias were fairly plentiful, as were violets, orchids, lily of the valley and mignonettes, and all commanded good prices. Ferns, flowering plants and made-up arrangements all sold out and the market was well cleared of all stock. Since Christmas, stock continues to be short and prices are accordingly high.

NOTES.

Carl Grobba was again the leader in plants and although he has been striving for many years to produce first-class cyclamens, it is only during the last two seasons that he perfected them. This year 5,000 were marketable and he had some splendid specimen plants. Ericas, rhododendrons, poinsettias, tulip and hyacinth pans, narcissi, Dutch Golden Spur, stevias and palms and Boston ferns were the bulk of his stock. Business here was better than ever, although the cold weather hampered the sales at the department stores, which usually use considerable stock. North Toronto Floral Co. had a small lot of azaleas which were in fine shape and found ready sale. Their roses and carnations were also up to their usual standard of quality.

J. H. Dunlop, at Richmond Hill, was in the best of shape for the Christmas demands; his stock was timed to the day and roses were of exceptional quality. His Russell, Hoosier Beauty, Shawyer and Ophelia were of the best quality and a pleasure to handle. His mignonette, Chicago Giant, was the finest we have ever had in this section, while his orchid sweet peas were a splendid addition for the Christmas trade.

The Dale estate, of Brampton, has, as is customary with a firm doing so large a business, had a record season. They went in strongly for green goods and Christmas stock in their supply department, which proved a large factor in this section. Although short of roses and carnations, they were heavy in orchids, lily of the valley, lilies and other lines, and were able to fill only a small percentage of their orders.

R. Jennings, of Brampton, who has been ill for a considerable period, has been attending to business daily. His Christmas business has been very satisfactory and it is pleasing to note that business of the past season has been the best in his history, for although he has been ill, the responsibility has been placed on the shoulders of his son, Bert, and everything has gone along satisfactorily.

Among the retailers all made large preparations to catch the public. Tidy & Son were very heavy on cyprip-

diums and fern arrangements. Simmons & Son made features of novelty effects, Dunlop's more to roses, and Dilemuth to poinsettias and basket arrangements.

Jas. Wilson & Son, of Woodstock, supplied the market with chrysanthemums. They had 8,000, which were held back and came in very fine for the holidays. Their violets were of very good size with exceptionally long stems for this season of the year.

Miller & Son had the only azaleas in quantity on this market, and though quite a number came in, many of them did not bloom in time for the holidays.

The Russells were well timed and 5,000 were cut for Christmas.

H. G. D.

Toledo, O.

HOLIDAY BUSINESS BROKE ALL RECORDS.

Prosperity of the country, and of this city in particular, was reflected in the 1916 holiday business of florists in this vicinity. Both retailer and grower reaped the benefits. Never, in the history of local flower merchandising has such a demand swooped down upon the various factors engaged in the growing and selling of flowers and plants. No handicap was too great to be overcome as was evidenced when a big shipment of azaleas from Mentor, Ohio, was frozen on the express company's hands. Since these plants are most popular at Christmas, the lack of them was almost a disaster. Yet despite this, the average florist who is progressive and on the job registered a wonderful gain over last year. The market, even with no azaleas, was in a very satisfactory condition since roses and carnations were in large supply and of better quality than usual. When it was seen that there was to be a great scarcity of plants, florists who were alert loaded up with cut flowers and pushed the sales of them. Baskets, made up attractively, were also given a great deal of attention, with the result that every florist cleaned up on these with great profit to himself. Poinsettias enjoyed a splendid sale and although there was a great increase in the supply of these, it was not equal to the call. Primroses and primulas with cyclamens were also ready sellers. Great quantities of roses were sold and it was noticeable that there was a demand for the better grades. Carnations were good and sold well. Violets were on the market in sufficient numbers to meet the demand, but lily of the valley was scarce. Narcissi were in good supply. One of the pleasant factors in the demand was the large number of telegraph orders that were received from all parts of the country, showing that the constant education of the public along these lines is bearing fruit and that there is still a great field in promoting flower-grams. The weather was ideal during Christmas week and aided materially in putting the holiday spirit of good cheer into the public. Even New Year's day, which is generally very light, was much better than in other years. It was great business.

NOTES.

Schramm Bros. "plugged for all there was in it" to increase their sales over the good season enjoyed last year, and due to consistent advertising, backed up by service, succeeded in a splendid manner. A sale of dollar baskets made up of ruscus, statice and boxwood was a great success and many more could have been sold had the time been sufficient. Five machines were used to make prompt deliveries, including another new Studebaker, just purchased.

Local retailers have learned with regret that the Cushman Gladiolus farm has been sold to a real estate firm and

will be platted into a suburban addition in the spring. The stock from this farm was famous throughout the middle west and were ever in great demand. Ralph Cushman, manager of the farm, is not certain about his future plans. He was a popular member of the florists' club, which will regret to lose his active co-operation.

The next big event on the calendar will be the January meeting of the florists' club. Ever since J. L. Shiller was elected secretary, there has been great activity. He has a number of things up his sleeve, which will be of great benefit to the organization. His pet hobby is flower shows, and he is determined to have one in 1917, if he has to do it himself.

Feniger's holiday trade was nearly ruined when a fire broke out in the rear of his store during Christmas week, but the quick arrival of the fire department stopped the damage in time. Feniger was one of the few local retailers who had any azaleas for the holiday buyers and cleaned up on these plants.

Tom Magee, of Scottwood Greenhouse, was somewhat shocked when his annual supply of azaleas failed to arrive, but when he figured up his sales after the rush, he was agreeably surprised that no fall down was registered. His beautiful baskets of crotons were responsible in a great measure for this.

Henry Miller, carnation specialist, is smiling these days when he thinks of the timeliness with which his large carnation crop matured. And they were of splendid quality. But this is the rule with this conscientious grower, and as a result there is always a ready demand for his stock.

S. N. Peck, located near the inter-urban station, sold an unusual number of customers, who came in from the many adjoining small towns. This helped swell his sales to such an extent that he was kept on the jump getting enough stock to fill his orders.

The holiday business of Paul Timm, on Monroe street, was the best ever, according to his report. Paul was surprised at the sale of ferns and plants that he enjoyed. He raises many of these himself, and was in a position to take advantage of the shortage.

A. C. K.

Nashville, Tenn.

GOOD CHRISTMAS TRADE AND PRICES.

The week following Christmas was full of business and the trade has nothing to complain of regarding either demand or supply. All of those left-over or forgotten ones resorted to the florist to make up for deficiency or negligence and the call for a day or two was almost as good as those days preceding the "day of days." The volume of trade was somewhat in excess of former years and the prices very much advanced. The weather has been fine, almost like early spring, and roses, carnations, etc., have blossomed gloriously, meeting all demands most beautifully. The pot plant business continues to flourish, and the many Christmas week festivities have been abundantly supplied with floral beauties both in cut flowers and in plants.

NOTES.

Geny Bros. have some beautiful azaleas that have come out since Christmas day and they are selling right along. Of roses, they have all the leading varieties, and an abundance of good carnations. Trade is good on the cyclamen plants. As an aftermath of the Christmas trade, their business is holding up splendidly.

The Joy Floral Company has had very fine American Beauty, with long stems and large fine flowers, and the call has been brisk. Other roses are

also fine. The call here for corsages has been very good.

McIntyre Floral Company still has some very fine orchids, as well as roses of all kinds and carnations in profusion.

M. C. D.

Rochester, N. Y.

SUPPLY LIMITED AND PRICES ADVANCE.

Cold weather and snow continue and the holiday business has been very good. Funeral work has also been in heavy demand during the past week. The storm of December 22 put a number of trolley lines out of commission, crippling traffic and tying up Christmas deliveries, and as a result a great many plants were frozen. Roses are very scarce since the holidays but the quality is very



The Late N. J. Rupp.

good. Ophelia, White Killarney, Maryland and Shawyer are among the best. Lily of the valley is rather hard to obtain. Carnations have all advanced in price and the supply is limited. Paper Whites, stevias and hyacinths are plentiful.

NOTES.

Miss Lillian Wheeler, of E. C. Kaelber's staff, was awarded first prize of \$50 for the best window display of Fulper pottery and roses offered by the Fulper Company. Similar displays of the company's product were made in all the leading cities of the United States at the same time and Miss Wheeler is receiving the congratulations of the trade on her achievement.

George Kramer has been with Salter Bros. during the holidays.

J. B. Keller Sons had a number of elaborate decorations for Christmas festivities and social events. Their holiday trade was unusually large.

George B. Hart has been elected alderman of the Third ward and is receiving the congratulations of his many friends.

Winfred Wilson and wife entertained the members of the Wilson family December 29.

E. C. Kaelber reports a big Christmas business.

CHESTER.

DAYTON, WASH.—A. J. Pughs has purchased the Thomas Greenhouse.

SPRINGFIELD, MASS.—The Gurdon Hill Mansion property on Liberty street is to be turned into a city arboretum.

OBITUARY.

Nicholas J. Rupp.

Nicholas J. Rupp, treasurer of the John C. Moninger Co., Chicago, died December 27 from the effects of an operation for appendicitis. He had been suffering from a nervous breakdown and had been at home for more than a year, but his health was steadily improving; in fact, so much so that he was almost ready to assume active duties when he was suddenly stricken with appendicitis. He was rushed to the hospital and an operation immediately performed, but his heart failed the second day and he passed away at 8 o'clock in the evening.

Mr. Rupp was one of the pioneers in the greenhouse construction business. In 1894, after the death of J. C. Moninger, he joined E. F. Kurowski, and together they bought the business from Mrs. J. C. Moninger. From then on he devoted his entire life to the advancement of greenhouse construction. He was constantly at his office at the John C. Moninger Co. and contributed greatly to the rapid advance and success of this firm.

Members of the greenhouse trade knew him as a jovial good fellow and many florists and vegetable growers have profited by his advice in regard to the construction of their ranges.

He was 53 years old, and besides his wife is survived by a son, Walter Rupp, who is secretary of the John C. Moninger Co., two daughters, Clara and Elsie, his father, Charles Rupp, Sr., a brother and two sisters. The funeral was from his residence, 3508 Janssen avenue, Sunday, December 31, at 2 p. m., and interment at St. Lucas cemetery. Dave Pires, John Winterstein, Michael Steiner, Claus Thompson, John Klunder and Edward Berles, all old employes of the firm, acted as pallbearers and the funeral was well attended. The floral offerings were many and beautiful and included a beautiful piece from the Chicago Florists' Club, of which he was a member, and from many of the wholesale cut flower houses.

Richard William Silvester.

Richard William Silvester, for 20 years president of the Maryland Agricultural College, died of pneumonia, December 31, 1916, in the Union Protestant Infirmary Hospital, Baltimore, Md., after an illness of only three days, though his health had not been good since 1912, when he resigned as president of the college.

He was born in Norfolk, Va., in 1857. He attended the public schools of Norfolk, and later the Virginia Military Institute, from which he graduated in 1877, with the degree of master of science. He was elected president of the Maryland Agricultural College in 1892. Since his retirement in 1912, he has lived on his farm in southern Maryland, devoting his time to scientific research in agriculture and horticulture. He is said by those familiar with his record, to have been one of the best known educators in this country along agricultural and horticultural lines. He was a strong advocate of intensive farming and was well known as a lecturer on that and kindred topics.

He is survived by his widow, who was Miss Lucy Lee Bowen, a daughter, Miss Virginia Lee Silvester, and a son, Dr. Richard Lee Silvester.

A. F. F.

PORTLAND, ORE.—The Lelane Flower Shop has opened in an excellent location opposite the postoffice.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.
From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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THE Florists' Telegraph Delivery Association is distributing attractive cards and stickers to its members.

WINDSOR, ONT.—C. R. Tuson, prominent florist here, was elected mayor of the city, January 1, by a sweeping majority, obtaining almost as many votes as his two opponents combined.

FEATURES of department store holiday decoration are life size Christmas trees of dyed ground pine or lycopodium tied to a wire frame. Immense bright red wreaths of artificial oak and sumac leaves have taken the place of immortelles for the show windows.

At this season of the year when sudden cold spells compel running boilers to full capacity care should be taken that no rubbish has accumulated on top of the boiler or smoke flues, as is too often the case. Many disastrous fires have been caused by ignition of dry punky materials which has sifted through cracks in the floor of the boiler or potting shed.

Rose Pink Ophelia.

Fred Breitmeyer, of Mt. Clemens, Mich., will offer his sport of Ophelia in 1918, under the name of Rose Pink Ophelia. The sport is said to be a more vigorous grower and more prolific than the parent and the flowers resemble those of My Maryland, in color.

Chrysanthemum Society of America.

REPORTS OF EXAMINING COMMITTEES.

Philadelphia, Pa., December 14.—Hamburg Late White, white Jap incurved, scored 88 points commercial; exhibited by C. T. Guenther, Hamburg, N. Y.

Boston, Mass., December 14.—Hamburg Late White scored 83 points commercial; exhibited by C. T. Guenther, Hamburg, N. Y.

New York, December 18.—Hamburg Late White scored 85 points commercial; exhibited by C. T. Guenther, Hamburg, N. Y.

CHAS. W. JOHNSON, Sec'y.

American Rose Society.

A meeting of the executive committee of the American Rose Society is to be held at the office of President S. S. Pennock in Philadelphia, Pa., January 4. Details of the annual rose exhibition March 20-23, and other important business of the society will be considered. President Pennock is much pleased that the guarantee fund has been so largely over-subscribed and that H. A. Dreer, Inc., have announced their intention to make a rose garden display of pot roses such as was the feature of the national flower show of last spring.

American Carnation Society.

Prospective exhibitors at the American Carnation Society meeting to be held January 31-February 1, will kindly bear in mind that entries in the competitive classes will close January 22. A penalty of \$2 will be imposed on each entry made after that date. Please mail your entries early and make entry in every class in which there is a possibility of your showing. That will save you expense and the secretary work and confusion. The premium schedule has been mailed. If you need another, drop the secretary a postal.

Everything points to a successful convention. Word comes from every direction of large delegations. The local society is planning entertainment for a large attendance and is leaving nothing undone to make your stay both pleasant and profitable.

"Carnation Yellows" will again be up for discussion. Another subject will be, "How can we improve the marketing of carnation blooms?" Please come prepared to give your views.

A. F. J. BAUR, Sec'y.

New York Federation of Floral Clubs.

The New York Federation of Horticultural Societies and Floral Clubs will hold a meeting at Ithaca, N. Y., February 14, 1917, in connection with the annual farmers' week programme. The programme for the day is as follows:

9 a. m. Roses in Greenhouses, and their Breeding. Prof. E. A. White.

10 a. m. Orchids and Orchid Breeding. Professor David Lumsden.

12 noon. Informal luncheon.

2 p. m. Garden Roses and their Culture. Professor A. C. Beal.

3 p. m. Diseases of Roses. Dr. L. M. Massey.

4 p. m. Business meeting.

The department of landscape art has arranged for a lecture at 11 a. m. by Henry Hicks of Westbury, L. I., on "Making Home Grounds Attractive."

In connection with the above programme, there will be an exhibition of students' work in table decorations, plant baskets, bouquets and other cut-flower arrangements in the floricultural building, February 14-15. There will also be an exhibition of roses, carnations, violets, sweet peas and other florist crops, which will be shown by various specialists in cut-flower production in the eastern states. Other lectures in floriculture will be given on other days of the week by the staff of the department of floriculture.

E. A. WHITE, Sec'y.

Am. Ass'n. for Advancement of Science.

The above named association met in New York, December 26, 1917, and continued its sessions for one week. Seven thousand delegates attended.

While the advancement of science is the object all have in view, many associations and societies were represented, such as the Mathematical Society, the Astronomical Society, the Entomological Society, and the Genetic Association. Nearly every conceivable subject was discussed by the various groups, from birth control to the origin of the Eskimos, and the ape-man whose remains were said to have been recently discovered in Java.

In the exhibit of strange fruits and food, some of them, lent by the United States department of agriculture, were specimens of the mangosteen, described as the most delicious of tropical fruits. This soon may be imported into this country on a commercial scale. Near by were the chayote, a little-known winter vegetable, which resembles a pale-green pepper.

The American Nature Study Society, of which Prof. L. H. Bailey is president, held a meeting December 27, and was addressed by the president and others.

On December 29, before the American Society of Naturalists, papers were read on heredity and genetics, one being by O. E. White on "Variation and Heredity in Peas."

At the meeting of the Society for Horticultural Science, M. A. Blake, the president, read a paper on "Horticulture as a Science and as an Art."

Coming Exhibitions.

[Secretaries are requested to supply any omissions from this list, and to correct any dates that may have been altered since the last advices.]

January 31-February 1, 1917, Indianapolis, Ind.—Annual convention and exhibition of the American Carnation Society. A. F. J. Baur, secretary, 3800 Rockwood avenue, Indianapolis.

March 15-17, 1917, St. Louis, Mo.—Spring Flower Show. W. W. Ohlweiler, executive secretary, Missouri Botanical Garden, St. Louis.

March 15-22, New York.—Spring show under the auspices of the Horticultural Society of New York and the New York Florists' Club, at Grand Central Palace. John Young, secretary, 53 West 28th street, New York.

March 20-23, Philadelphia, Pa.—Exhibition of the American Rose Society, Horticultural hall. Benjamin Hammond, secretary, Beacon, N. Y.

August 21-24, New York.—Annual exhibition of the American Gladiolus Society, Museum building, New York Botanical Garden, Bronx park. Henry Youell, secretary, 53S Cedar street, Syracuse, N. Y.

Important to Subscribers.

The date on the yellow address label on your copy of THE AMERICAN FLORIST will show when your subscription expires. Please renew subscriptions promptly on expiration to make certain of receiving your copy of each issue.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By A1 saleslady, designer and bookkeeper; Chicago only considered; can furnish best of references; able to take charge. Address Key 737, care American Florist.

Situation Wanted—Expert gardener seeks engagement on first-class estate. A1 references, life experience. Pacific coast preferred. Key 727, care American Florist.

Situation Wanted—As working foreman on big commercial place growing roses and carnations; life-long experience and scientific practice; can handle men; sober and industrious; good references. Key 705, care American Florist.

Situation Wanted—Superintendent-gardener (head) seeks position; country estate; temperate; excellent greenhouse manager; landscape artist; knows live stock, engines; life experience; best references. A. PAWLITZ, 17 Vine St., Roxbury, Boston, Mass.

Situation Wanted—Designer with executive ability and experience in growing desires responsible position; experience and credentials that assure results. Ohio preferred but will consider good proposition; young married; a hustler. Address Key 710, care American Florist.

Situation Wanted—By a practical man 42 years of age, with 20 years' experience in the florist business. An all around grower, salesman and designer; American born. Married and have one child 7 years old. Can furnish best of references. Please state wages in first letter. Address Box 473, Salina, Kan.

Situation Wanted—By Scandinavian, single, with over 20 years' experience in Scandinavia, England, Germany and America. Several years in charge of Greenhouses and outside. Cut flowers, forcing and propagating a specialty. Well up in care of parks. References are good. Address Key 717, care American Florist.

Help Wanted—Nursery propagator. Man with experience in Perennials. Permanent position. State previous experience. SWAIN NELSON & SONS CO., 940 Marquette Building, Chicago.

Help Wanted—Nursery Salesman: Experienced in selling to high class retail customers. State experience and salary. SWAIN NELSON & SONS CO., 940 Marquette Building, Chicago.

Help Wanted—First-class rose and carnation grower. Will pay good salary. Must be well recommended. THE WM. BLACKMAN FLORAL CO., Evansville, Ind.

Help Wanted—First-class man wanted for Brooklyn retail florist; permanent position; good chance for right party. One living in Brooklyn preferred. Address Key 734, care American Florist.

Help Wanted—Experienced man for roses, carnations, chrysanthemums and general stock; required on private place; state salary and experience. Address Box 424, Bettendorf, Iowa.

Help Wanted—Working foreman who understands growing carnations, Easter lilies, chrysanthemums, bulbs and bedding plants. 35,000 sq. feet glass. H. T. MEAD, 1230 Hanover Street, Manchester, N. H.

Help Wanted—Experienced and reliable vegetable seed clerk. Must be quick at counter orders and waiting on customers. Apply by letter stating age, salary, references, etc. J. F. NOLL & Co., 115 Mulberry Street, Newark, N. J.

Help Wanted—At once. Well experienced grower of chrysanthemums, carnations, bulbs and bedding plants. Single man preferred, must be sober and of good habits. State experience, references and salary in first letter. 14,000 feet of glass. Address E. R. GIDDINGS, Box 64, Tulsa, Okla.

For Sale or Rent—Retail flower store on State Street, Chicago in the heart of the shopping district. The business is now running and buyer can take immediate possession. For further particulars. Key 726, care American Florist.

For Sale—Well established business for sale: 9,000 feet of glass; five acres of good land; well stocked with cut flowers and bedding plants; write for particulars; can take possession at once. Address Key 733, care American Florist.

For Sale—Greenhouse property or part interest in same. Two greenhouses, each 22 x 200 feet in good condition; planted mostly to carnations, sweet peas and geraniums. 4 to 5 acres of land, good location. Address ALLEN & BLANCHARD, 185 Exchange St., Leominster, Mass.

Tel., 107 W.

For Sale—Eight greenhouses, with salesroom attached, four squares from heart of a thriving city of 18,000; no competition; six-room modern dwelling, garage and auto; net profits over \$7,000 per year; will stand any investigation you desire to give; \$5,000 cash, balance, \$15,000, on easy terms; location, Texas. Do not answer if you do not mean business. Address Key 729, care American Florist.

Situation Wanted

By practical florist, long experience as retailer and grower; single man with ability, good designer and propagator. Experienced in all kinds of cut flowers and pot plants for retail place; sober and reliable; best references. State wages and particulars. Key 735, care American Florist.

FOR RENT

Suitable floor space on the Chicago Wholesale Cut Flower Market, where the grower can sell his own stock. For further particulars address

Key 732, care American Florist.

For Sale

Flower store in the loop district, city of 400,000 population. Cash business. Must sell at once; want to retire.

Key 736, care American Florist.

FOR SALE.

We have installed a new Buchbinder refrigerator in the Geo. Wittbold Co.'s new retail store on Buckingham Place, Chicago, and will sell the two refrigerators that were in use there at a bargain if taken at once. One is a display box 10x4x10 feet high and the other a storage box 8x10 feet. For further particulars address

BUCHBINDER BROS.,

518 Milwaukee Ave.,

CHICAGO, ILL.

FOR SALE

A business opportunity for wholesale cut flower growing and also nursery stock of a choice quality, or either one, at San Diego, California. This city has today a population of 90,000, with the surrounding country fast developing. The Panama Canal and the new Arizona R. R., both are strong factors in the substantial growth. The business has long been established and it requires a capital of \$5,000 and it is desirable to purchase 20 acres adjoining for \$6,000. This land is frostless and it all has a glorious view of mountains and sea. Only reliable parties with good references need inquire. Address

MARTIN H. HOLAHAN,

1628 W. Lewis St., San Diego, Calif.

In care of K. O. Sessions.

For Sale Cheap—A Going Business—Four greenhouses, 16 by 40 feet, and one 18 by 40 feet; double sash glass, well built and fresh putted tight; cement foundations and boiler and coke pit; six two-inch hot water pipes under each of the ten cypress benches; over 4,000 blooming carnations and a lot of potted plants; 3,000 rooted carnation cuttings; ideal boiler; also 18 tons of coke on hand; one small brick shed in rear, 12 by 16 feet. Very centrally located in Littleton, 2,000 inhabitants, the county seat of Arapahoe county, Colorado; six miles from Denver always a good market; 10-cent carfare; only greenhouses here; sun shines 300 days a year; ideal for weak lungs. The young man who recently operated these houses was drowned a few weeks ago. Houses and lots cost \$5,000.00. All of this for \$750.00 cash, \$750.00 four years at 8 per cent. It sure is a bargain. Immediate possession; warranty deed. Will send photo of houses to a buyer. Address

MRS. ADELAIDE J. CULP, Owner, Littleton, Colorado.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

NEW EDITION—Issued August, 1916.

TRADE DIRECTORY

Florists, Nurserymen and Seedsmen

OF THE

UNITED STATES AND CANADA.

Price \$3.00, Postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.



Mrs. Sarah Yeats

A Red Rose That IS Red

If you want a money-maker

Red Rose Mrs. Sarah Yeats

Fills the bill.

Certificate of Merit Illinois State Florists' Association, Bloomington, Nov. 9-10th, 1916.

Positively Only 40,000 to be sold this year. Orders Filled in Rotation. Order Yours NOW.

Price, 2½-inch pot plants, 35c each. \$32.50 per 100; \$300.00 per 1000.

J. E. YEATS,
302 E. Springfield Ave.,
CHAMPAIGN, ILL.

Kansas City, Mo.

SPLENDID YEAR'S BUSINESS RECORDED.

The splendid business of the 1916 Christmas season came as a fitting close to an excellent trade during the entire year and the new year is making a record-breaking start. The trade in general in commenting on the holiday business, indicate it was the best in years and far beyond all expectations, with a decided increase in sales over last year. Plants sold very well as did made-up baskets, corsages, wreaths, etc., and much stock of good quality in all lines was used in elaborate decorations in both homes and hotels.

NOTES.

Manager Parker, of the Geo. M. Kellogg Flower & Plant Co., closed his connection with the firm December 31, with a record-breaking holiday business. Mrs. Lamb, who retired from the firm some five years ago, resumed her position as manager January 1 and has the good wishes of a large circle of friends for her success in the work. T. J. Brackenberry, of this firm, will after December 31 take up a position with C. P. Mueller, of Wichita, Kans. Mr. Parker will confine his efforts to the other lines in which he is engaged.

W. J. Barnes had one of the most satisfactory Christmas trades since he has been in business, with a big increase over any previous year, especially in made-up baskets. Sales in these were triple other years. Pot plants moved well and the orders for corsages kept up until after the holiday season. He had a large supply of orchids and they were much in demand.

R. S. Brown recently lost by death the aged colored fireman, who had been in his employ for upwards of 30 years. Mr. Brown, although nearing his 79th year, is still hale and hearty and attends to the routine greenhouse work every day, in which he is ably assisted by the genial Bill Bridgeland.

H. Kusik & Co., while they prepared for an exceptionally heavy holiday demand, could have sold much more stock had it been available. Fine roses, carnations and violets were features among other good stock.



CARNATION CUTTINGS

IT IS NOT TOO EARLY to order now
if you desire January delivery.

NEW VARIETIES.

COTTAGE MAID: Clear shell pink, sport of Mrs. C. W. Ward, possessing the same wonderful keeping and shipping qualities. **MERRY CHRISTMAS:** Color, intense deep scarlet; large flower, well formed, splendid stem and calyx, splendid keeper. **DORIS:** Color, brilliant maroon; vigorous grower, producing a succession of high grade blooms on long stiff stems; good calyx. **ROSALIA:** A true cerise pink; splendid grower and producer; a good commercial variety in every respect. **OLD GOLD:** Deep yellow with faint pink stripes; the earliest and freest flowering of all yellow varieties; a decided improvement over Yellow Prince. All of the above varieties, \$12.00 per 100; \$100.00 per 1000.

Last year's introductions and standard varieties; prices on application.

S. S. PENNOCK-MEEHAN COMPANY,

The Wholesale Florists of Philadelphia

PHILADELPHIA, 1608-1612 Ludlow St.

NEW YORK, 117 W. 28th St.

BALTIMORE, Franklin and St. Paul Sts.

WASHINGTON, D. C., 1216 H St., N. W.

T. J. Noll & Co. carried the heaviest Christmas supply in their history, but everything sold up exceedingly well. They were well prepared with fine roses, carnations, lilies, lily of the valley, etc. The shipping trade at this establishment was immense.

Wm. Sharp, the accomplished grower at Murray's greenhouses, has a fine batch of Begonia Turnford Hall, and his orchids, including cattleyas, oncidiums and phalaenopsis, are in fine condition, promising a large supply of good flowers.

Samuel Murray had some splendid Lorraine begonias and they sold out early. There was an excellent call for other pot plants, of which he had a large and varied supply, and his made-up baskets were in excellent demand at good prices.

A. Newell's Christmas sales were 22 per cent greater than last year. Begonias, cyclamens, poinsettias, azaleas and made-up plant baskets moved well. New Year's orders were more numerous than in former years.

Wm. L. Rock Flower Co. sold out early and then followed a big week with orders for decorations. The force

here turned out more corsages in one week than ever before.

A. E. Elberfeld, of the Alpha Floral Co., has had phenomenal success in his agency business and his large store force has been busy as bees all through the holiday season.

A. F. Barbe had a great run on wreaths as well as in pot plants and cut flowers. He had an excellent supply of stock grown at his own establishment.

Miss J. E. Murray reports an excellent business extending through the holiday season, resulting in a practical sell-out.

John Stevens was cutting an average of 3,000 carnations daily from his range during the past two weeks.

Wm. M. Reid, representing the W. W. Barnard Co., Chicago, is calling on the trade of this territory.

E. J. B.

ST. JOSEPH, MO.—Director Frank Stuppy, of the Society of American Florists, has returned from an Oklahoma hunting trip on which he was accompanied by Robert Newcomb, of the American Bulb Co., Chicago.

A Happy New Year is assured by sowing Vaughan's Flower Seeds



PANSY—Vaughan's International Mixture.

AGERATUM.

	Trade Pkt.	Oz.
Imperial Dwarf, Blue.....	\$0.10	\$0.40
Imperial Dwarf, White.....	.10	.40
Blue Perfection.....	.10	.60
Little Blue Star.....	.25	
Princess Victoria Louise.....	.10	.40

ALYSSUM.

Maritimum, Sweet Alyssum.....	.05	.15
Vaughan's Little Gem, extra fine strain, lb., \$6.00.....	.10	.60

ANTIRRHINUM.

Golden King, yellow.....	.10	.50
Queen Victoria, pure white.....	.10	.50
Venus, apple-blossom pink.....	.10	.60
Delicate Pink.....	.10	.60
Vaughan's Special Mixture.....	.10	.60

ASPARAGUS.

Plumosus Nanus, Northern Greenhouse Grown. Per 100 seeds, 50c; 250 seeds, \$1.00; 1,000 seeds, \$3.50; 5,000 seeds at \$3.25 per thousand.		
Hatcherii. 100 seeds, 60c; 1,000 seeds, \$3.00.		
Sprengeri. 100 seeds, 15c; 250 seeds, 25c; 1,000 seeds, 75c; 5,000 seeds, \$3.50.		

ASTERS.

Queen of the Market Aster. White, Pink, Light Blue, Dark Blue, Scarlet, Flesh. Each of the above, ¼ oz., 25c; trade pkt., 10c; oz., 80c.		
Queen of the Market, best mixed, trade pkt., 10c; oz., 60c.		

10 Per Cent Special Cash Discount.—On orders over \$2.00 for Flower Seeds if the cash is enclosed. This discount does not apply to Asparagus Seed. Cash discount on this is 2 per cent. Our Florist Catalog is now in the printer's hands and a copy will be mailed in a few days.

BEGONIA.

	Trade Pkt.	Oz.
Gracilis Luminosa, foliage lustrous reddish brown, flowers fiery dark scarlet, 1-32 oz., \$1.75.....	\$0.25	
Prima Donna, large transparent rose flowers, 1-64 oz., \$2.50.....	.25	
Vernon, red-leaved and red-flowered, oz., \$2.00.....	.10	
Melaine, white with pink edge.....	.25	
Berna, foliage dark, flowers bright carmine red.....	.25	
Erfordia, rosy carmine, 1/32 oz., 75c.....	.25	
Double Tuberous Rooted, best mixed.....	.25	

BELLIS.

	Trade Pkt.	Oz.
Vaughan's Mammoth Mixture.....	\$0.25	\$2.00
Mammoth, White, ½ oz., 35c.....	.25	
Mammoth, Pink, ½ oz., 35c.....	.25	
Longfellow, dark pink.....	.15	1.80
Snowball, double white.....	.15	1.80
Monstrosa, new giant double white, ½ oz., \$1.00.....	.25	
Monstrosa, new giant double pink, ½ oz., \$1.00.....	.25	
Double Red.....	.25	
Double Rosy White Quilled.....	.35	

CANDYTUFT

Giant Hyacinth-Flowered, Extra selected stock, lb., \$5.00.....	.15	.50
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CELOSIA

Cristata (Coxcomb): Dwarf President Thiers.....	.25	2.00
Dwarf Empress, crimson.....	.25	2.40
Dwarf Fire King.....	.25	
Pride of Castle Gould.....	.25	
Childsii, Chinese Wool Flower.....	.25	

Centaurea Gymnocarpa.....	.10	.40
Candissima, 1,000 seeds.....	.50	2.00
Cobaea Scandens, Purple.....	.10	.40
Scandens Flore Alba, White.....	.10	.80
Coleus, Vaughan's Rainbow Mixture, 1/32 oz., 75c.....	.25	
Extra Choice, large leaved mixed, ½ oz., \$1.00.....	.25	
Large-leaved, Copper-colored.....	.25	
Lacinated and fringed.....	.25	
Cyperus Alternifolius, Umbrella plant.....	.15	1.00
Dracaena Indivisa, lb., \$3.50.....	.10	.30
Indivisa Latifolia.....	.10	.40
Australis.....	.10	.50
Echeveria Secunda Glaucia, 1,000 seeds, \$2.00.....		

FERN SEED.

Aspidium Tsussimense.....		
Cyrtomium Falcatum.....		
Cyrtomium Rochfordianum.....		
Pteris Adiantoides.....		
Pteris Cretica Alba Lineata.....		
Pteris Cretica Alba Lineata Compacta.....		
Pteris Wimsettii.....		
Pteris Wilsonii.....		
Pteris Harrisii.....		
Polipodium Aureum.....	Trade pkt.	
Any of the above.....	.50	
Greivillea Robusta.....	.10	.50
Heliotrope, Mammoth Flowered, mixed.....	.25	1.50
Centifleur, Rich Purple.....	.25	
Lantana Hybrida, mixed.....	.05	.30
Bruant's New Dwarf Hybrids, mixed.....	.10	.40

LOBELIA.

Bedding Queen, ½ oz., 25c.....	.15	1.50
Crystal Palace Compacta, true, ½ oz., 25c.....	.15	1.25
Speciosa, dark flowers and foliage.....	.10	.70
Emperor William, ½ oz., 25c.....	.10	
Hamburgia, ½ oz., 40c.....	.25	
Hybrida Sapphire, best for hanging basket.....	.25	

MIGNONETTE.

	Trade Pkt.	Oz.
True Machet, Vaughan's Selected Stock, ½ oz., 40c.....	\$0.10	\$0.75
New York Market, ½ oz., \$1.00.....	.50	7.00
Myosotis, Vaughan's Early and Late Flowering.....	.15	.80

PANSY.

Vaughan's International Mixture. The World's Best, oz., \$10.00; ¼ oz., \$2.50; ½ oz., \$1.50; Trade Pkt., 50c.		
Vaughan's Giant Mixture. Oz., \$4.00; ¼ oz., \$1.00; ½ oz., 60c; Trade Pkt., 25c.		
Send for list of separate varieties.		

PETUNIAS.

Single Large Flowering Sorts.

	Trade Pkt.	Oz.
Large-Flowering, finest mixed, ½ oz., \$1.80.....	\$0.25	
Fringed, mixed, extra choice, ½ oz., \$1.80.....	.25	
Giants of California, true, ½ oz., \$2.00.....	.25	
Ruffled Giants, mixed, 1/32 oz., \$2.00.....	.50	
Triumph of the Giants.....	.50	
Balcony Queen. Rich velvety violet with white blotches.....	.50	
Vaughan's Best Mixture of Large-Flowering Single Petunias. Trade Pkt. (1,000 seeds), 50c; 3 pkts. for \$1.35.....		
Large Double-Flowered Sorts.		
Double Large-Flowering, extra choice mixed, 1,000 seeds, \$1.25; 10,000 seeds, \$10.00; 500 seeds, 65c; 1-64 oz., \$3.25.		
Double Large-Flowering Fringed, best mixed, 1,000 seeds, \$1.25; 10,000 seeds, \$10.00; 500 seeds, 65c; 1-64 oz., \$3.25.		
Vaughan's Special Mixture Double, extra choice, 1,000 seeds, \$1.25, 500 seeds, 65c; Trade Pkt. Oz.		
Pyrethrum, Parthenifolium Aureum, Golden Feather.....	.10	.30

SALVIA SPLENDENS.

Clara Bedman.....	.25	2.00
Drooping Spikes.....	.25	1.80
Fireball.....	.25	2.50
Zurich.....	.25	2.50
Maroon Prince, rich plum purple.....	.25	

STOCKS.

Double Large-Flowering, Dwarf, German 10 weeks. Canary Yellow, Dark Blue, Crimson, Brilliant Rose, Light Blue, Blood Red, White, Flesh. Each of above ½ oz., 35c.....	.25	
Extra choice mixed, ½ oz., 35c.....	.25	
Giant Perfection or Cut and Come Again. Sky Blue, Light Blue, Flesh, White, Dark Blue, Canary Yellow, Pink, Scarlet. Each of the above, ½ oz., 40c.....	.25	
Thunbergia, mixed.....	.10	.50
Torenia Fournieri Grandiflora.....	.15	

SWEET PEAS.

Write for special list.

VERBENA.

Defiance, brilliant scarlet.....	.10	.80
Mammoth, mixed.....	.10	.80
Mammoth, white, extra choice.....	.10	.80
Mammoth, Purple shades.....	.10	.90
Mammoth, striped on red ground.....	.15	1.50
Mayflower, beautiful pink.....	.10	1.00
Vaughan's Best Mixture of Verbena. Trade pkt., 25c; ¼ oz., 50c; oz., \$2.00; 2 oz., \$3.50.		
Vinca Rosea, mixed.....	.10	.60
Rosea pink.....	.15	.60
Rosea Fl. Alba, white with pink eye.....	.15	.60
Rosea Alba Pura, pure white.....	.15	.60

Vaughan's Seed Store, 43 Barclay Street, NEW YORK. 31-33 W. Randolph St., 803 W. Randolph St. Chicago

FORT SMITH, ARK.—George Rye, "Some Florist," reports a decrease in the volume of Christmas business, due principally to most unfavorable weather conditions. A cold wave visited the city December 18, followed by one of the most severe snowstorms in years, the temperature dropping to 10 degrees above. Both plants and cut flowers arrived in a frozen condition. December 21 the weather moderated,

resulting in a thaw. Trains were from 8 to 10 hours late, and many shipments were from three to four days late. December 24 was very cold, but buying took on a better tone, although poor. Christmas day ended with a rain which started at 2 p. m. Plants did not sell as well as in former years, and while cut flower sales were fairly good, they did not measure up to standard.

J. A. Murray
FALL RIVER, MASS.
BURLAP
For Florists, Nurserymen and Seedsmen.
Let us quote you.

Mention the American Florist when writing

New Carnation Thenanthos

Acknowledged by Leading Carnation Growers
Everywhere to be the Best Red Ever Produced

THE WONDERFUL NEW Red Carnation

COLOR—Brilliant scarlet of uniform shade.
SIZE—Average over 3½ ins. in diameter.
FRAGRANCE—Strong and pleasing.
STEM—Strong, graceful and long.
KEEPING QUALITIES—An excellent keeper and shipper.
SALIS—Demand always in excess of supply.
GROWTH—Habit of Scott, but stronger stem.
PROLIFIC BLOOMER—Averaging 30 flowers per plant.
PRODUCTION—Strong producer of cuttings; easy to root, average 90%.
HEALTH—Free from rust or disease.
SEASONABLE—Blooms heavily in December.
FOLIAGE—Grows a bushy, large plant.

PARENTAGE

Enchantress x Red Seedling
This Red Seedling was a cross of
Nelson x Lawson

Every one of these carnations is of such well known excellence that no comment is necessary. The characteristics of SCOTT are very marked in THENANTHOS.

Early buyers in many instances have doubled their orders after they have inspected this variety growing in Then's greenhouses. Every grower will admit that a good Red Carnation has been needed for some time. Thenanthos is the Red that everyone has had in mind and are buying according to the ground floor. Order now.

A FEW OF THE MANY BUYERS:

WIETOR BROS.,
Chicago.
CHAS. P. MUELLER,
Wichita, Kas.

PETER REINBERG,
Chicago.
J. F. AMMANN CO.,
Edwardsville, Ill.

STUPPY FLORAL CO.,
St. Joseph, Mo.
PITTSBURGH CUT FLOWER CO.,
Pittsburgh, Pa.

POEHLMANN BROS. CO.,
Morton Grove, Ill.
J. M. GASSER CO.,
Cleveland, O.

EXCLUSIVE DISTRIBUTORS

A. L. RANDALL CO.
WABASH AVENUE AT LAKE ST., PHONE CENTRAL 7720 CHICAGO



Evolved by JOHN THEN of Chicago

Winner of the Silver Sweepstakes Cup and First Prize Medal and Ribbons award by the Horticultural Society of Chicago for the best seedling carnation on display. These prizes constitute all the possible high honors.

THENANTHOS cuttings will prove an unusually good investment for the up-to-date grower. So nearly perfect is it that it took sweepstakes cup for best seedlings as well as medal, certificate and first prize at the last Chicago Flower Show.

PRICES AND DELIVERY

Thenanthos cold grown cuttings are ready for delivery this month. The demand will prove a heavy strain on the supply. All shipments made in the order received, so let us book your requirements early. Thenanthos cuttings, f. o. b. Chicago, per 100, \$12.00; per 1,000, \$100.00. 250 cuttings at the 1,000 rate. Write for list of other cuttings.

Montreal.

CHRISTMAS TRADE SHOWS INCREASE.

The 1916 Christmas trade came up to all expectations. The volume of business done was large, prices were a little higher than last year and the quality of stock better. Total sales in money value showed an increase of about 15 per cent over those of a year ago. The confidence of a good business by the retailers was overshadowed by a feeling of doubt until Saturday as business had been light and telephone orders few, the heaviest snowstorm in the history on Friday giving many justifiable cause to look troubled. Delivery was almost at a standstill, automobiles were stalled all over the city and a few overcrowded street cars were the only means of transportation. Saturday, however, turned cold and bright and business commenced with a rush and good sleighing helped the delivery end. Many stores were open Sunday and on Christmas day nearly all of the cut flower orders were recorded while plants sold earlier. The absence of azaleas was well covered by cyclamens of which there was never a better showing made. Poinsettias were not as popular as usual and the prediction has been made that they are des-

tined to lose their first place position among the Christmas plants. Cherries sold better than last year as did ferns. Of palms, a few were sold. Some large araucarias decorated with ribbons found ready buyers. Nearly all plants were supplied with pot covers—some very expensive and some very cheap. In cut flowers, roses were the favorites and the quality was splendid. American Beauty sold as high as \$18 per dozen. Hoosier Beauty, Milady and Stanley led the demand with Richmond, Killarney and Ophelia following. White was held back owing to the heavy demand for funeral work. Carnations sold well but did not meet with the same degree of favor as roses. Mignonette was scarce as was lily of the valley. Narcissi in white and yellow were plentiful. J. L.

Los Angeles.

GREAT HOLIDAY BUSINESS.

All dealers in this city, without exception, report the greatest holiday business in their history. There was a shortage in carnations and lily of the valley together with late arrivals of azaleas in poor condition, but a fairly good supply of poinsettias were on hand and cyclamens were of good quality but the prices were high.

There was the usual stock of cinerarias, primulas and begonias. The cold wave which visited this section has cut off the supply from the ranges and prices will continue firm for a time at least. Business is good.

NOTES.

Howard & Smith report that they never had a better trade. Everything cleaned up completely. This firm furnished many thousands of carnations for the celebration given the soldiers at El Paso.

S. Murata & Co. did an immense shipping business for the holiday trade. They report a shortage in almost all lines.

The Redondo Floral Co. cleaned up wonderfully well, practically nothing being left for their ordinary trade.

The Germain Seed & Plant Co. reports that of 1,000 azaleas received, about four-fifths of them were frozen.

The Broadway Florists report the biggest Christmas trade in the history of the firm. They were well prepared however and had a large stock of good quality.

Seki Bros. Co. has been busy with funeral work, which, together with their Christmas trade, has kept their force on the move.

G. H. H.

“RADIUM”

THE NEW RED CARNATION SEEDLING

A WONDERFUL SELLER

Evolved by

JOHN BROWN,

Carnation Grower for P. J. Olinger, New Castle, Indiana.

PARENTAGE: BASSET-VICTORY.

Cuttings for March 1st Delivery.

**A CARNATION OF GREAT PRODUCING POWER.
A BEAUTIFUL SCARLET OF UNIFORM SHADE.
FLOWER AVERAGING 4 INCHES IN DIAMETER.
Strong, Sturdy Stems. A Continuous Bloomer during the Winter months, especially in December.**

Will not split, and has never shown any tendency to sleep, either on the plant or after cutting. An A1 shipper, pronounced by Growers and Retailers as the “Best Red Carnation” ever produced.

PRICES:

\$12.00 per 100; \$100.00 per 1000.

F. O. B. NEW CASTLE, INDIANA.

P. J. OLINGER

“Indiana’s Largest Grower”

New Castle,

Indiana.



MARK THIS DOWN

We add new customers daily, retain our old ones too, proof positive that we furnish quality service unexcelled. Why not? Buy here direct from Growers be certain of what you get, at same time profit by getting supply direct and not through middle man.

CARNATIONS, Extra Fine Quality

Orchids, Valley, Easter Lilies, Paper Whites, Roses, Stevia

GET BUSY--Wire Your Order Now, Don't Delay.

Price List:

AMERICAN BEAUTIES.		Per doz.
Specials		\$5.00
36 to 40 inches		4.00
28 to 30 inches		3.00
24 inches		2.50

RUSSELLS.		Per doz.
36 to 40 inches		\$3.00
28 to 30 inches		2.50
24 inches		2.00
20 to 22 inches		1.50
18 inches		1.00
Short		per 100 \$4.00 to 6.00

		Per 100
Hoosier Beauty	Long	\$8.00 to \$10.00
Scott Key	Medium	6.00
Milady	Short	4.00
Richmonds		4.00
Brilliant	Long	8.00
Sunbursts	Medium	6.00
Ophelia	Short	4.00
Aaron Wards	Long	8.00
White Killarney	Medium	5.00 to 6.00
Killarney	Short	3.00 to 4.00

For extra long special roses we charge accordingly.

MINIATURE ROSES.		Per 100
George Elgar		\$2.00
Cecile Brunner		3.00
Baby Doll		3.00
Fireflame		\$4.00 to 6.00

ORCHIDS.		Per doz.
Cattleyas		\$6.00
Cypripediums		2.00
Phalaenopsis		1.50

CARNATIONS.		Per 100
Fancy		\$3.00
Our selection		2.00
Splits		1.00

VALLEY.		Per 100
Fancy		\$8.00
Medium		\$5.00 to 6.00
Short		4.00

MISCELLANEOUS CUT FLOWERS.		
Paper Whites		
Jacquets—Daffodils		
Freesia		
Romans		\$3.00
Stevia		1.50
Easter Lilies		
Violets		1.00
Sweet Peas		1.50
Snapsdragon		per doz. 1.00

GREEN GOODS.		
Smilax		per doz.
Plumosus		
Sprengeri		
Adiantum		
Adiantum Hybridum		
Farleyense		\$10.00 to
Galax gr. and br.		per 1,000
Galax gr. and br.		per 1,000
Leucothoe		
Mexican Ivy		
Flat Ferns		
Flat Ferns		per 1,000
Boxwood, per bu.		25c. case
Woodwardia Ferns		6.00 to

FLORISTS' SUPPLIES.

SPECIAL PRE-INVENTORY SALE OF ALL SUPPLIES.

Valentine Baskets, 50 Asstd., \$10.00

Corsage Pins, Green and Violet Foil, Boxes

Corsage Ties, all colors, doz., 1.00

Two-tone Flower Baskets, doz., \$6.00

Lacette and Tricetine Novelties

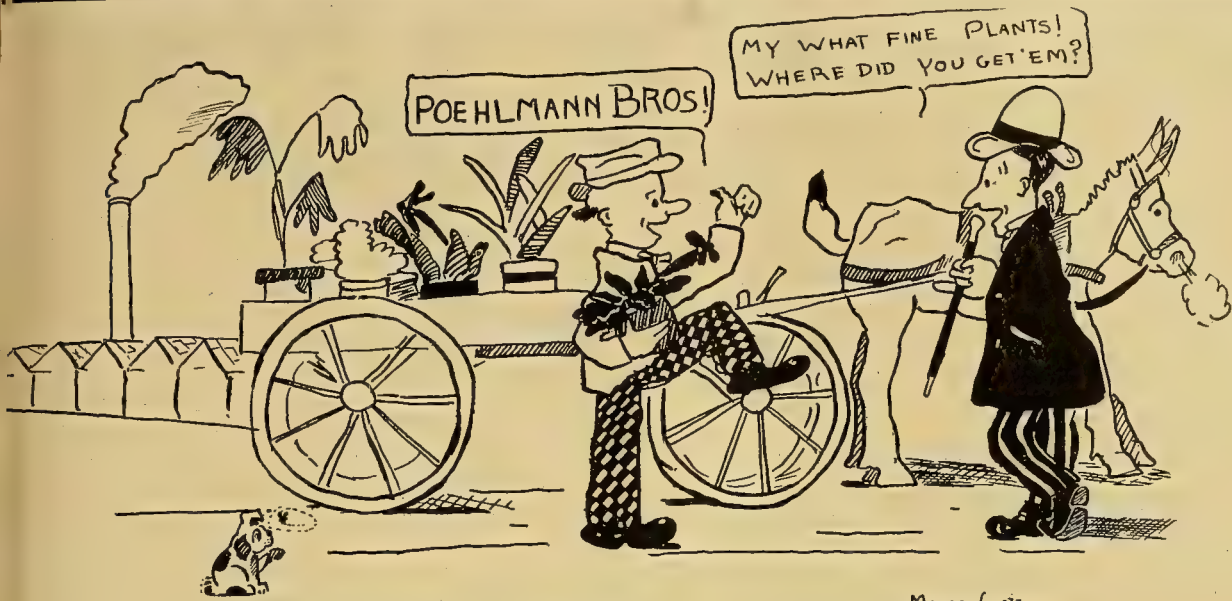
Look for Our Pre-Inventory Circular

Perfectly Dried Straw Flowers, long stems, asstd. colors, per 100, \$2.00

Write for estimate on all your accessories before buying elsewhere.

POEHLMAN

72-74 E. Randolph St.,



Morgan Goss

MISCELLANEOUS PLANTS.

Andeanus Veitchii, 4-in. pot,	Each	\$0.35	Crotons, 5-in. pot,	60c to 75c each
" " 6-in. pot,	\$0.75 to 1.00	Asparagus Sprengeri, 3-in. pots, per 100,	\$6.00	
" " 7-in. pot,	1.25	" " 4-in. pots, per 100,	10.00	
" " 8-in. pot,	2.00	Asparagus Plumosus, 2½-in. pots, per 100,	3.50	
Rubber Plants, 5-in. pot,	\$0.50 to .75	Table Ferns, 2½-in. pots, per 100,	3.50	
" " 7-in. pot,	\$1.00, \$1.50, 2.00	" " 3-in. pots, per 100,	8.00	
		" " 4-in. pots, per 100,	15.00	

HEATHER---Limited Supply. Specimens, \$5.00 to \$7.50 Each.

entias Western Kentias Headquarters

Largest and most complete stock offered in the West, in a healthy, strong and clean condition.

All previous prices quoted on Palms are hereby cancelled.

KENTIA FORSTERIANA SINGLE PLANTS.

Leaves	Each
5-6 28 inches high..	\$1.25
6-7 32-34 inches high..	1.50
6-7 34-36 inches high..	2.00
6-7 40-42 inches high..	3.50
6-7 42-46 inches high..	4.00
6-7 50 inches high..	5.00
6-7 52-56 ins. high hv.	7.00
6-7 60 inches high..	8.00
6-7 60-65 inches high..	12.00
6-7 8 feet high....	40.00
6-7 9-10 feet high....	50.00

KENTIA BELMOREANA SINGLE PLANTS.

Leaves ins. high	Per doz.
4 inch pots 5-6 16-18 45c each....	\$5.00
6 inch pots 5-6 24 each	1.25
6 inch pots 5-6 28 each	1.50
8 inch tubs 5-6 42 each	5.00
Specimen plants, 15 inch tubs, \$75.00 each.	

KENTIA FORSTERIANA MADE UP PLANTS.

Plants	Each
6 inch pots 3 26-28 inches high....	\$2.00
7 inch tubs 3 30-32 inches high....	2.50
8 inch tubs 3 38 inches high....	4.00
8 inch tubs 4 48-50 inches high....	5.00
9 inch tubs 4 52 inches high....	6.00
10 inch tubs 4 54 inches high....	8.00

Plants

Each
12 inch tubs 4 60-64 inches high... 12.00
12 inch tubs 4 66 inches high... 15.00
15 inch tubs 4 6-6½ ft. high, heavy 25.00
15 inch tubs 4 75-80 inches high... 30.00

ARECA LUTESCENS.

Plants	Each
6 inch pots 4 bushy, 24-26 ins. high..	\$1.25

ASPIDISTRAS.

5 inch pots 10-12 leaves green.....	\$1.00
6 inch pots 16-20 leaves green.....	1.50
5 inch pots 10-12 leaves var.....	1.50

A Nominal Charge is Made for Packing.

BROS. CO.

ing Distance Phone, CHICAGO, ILL.
Randolph 35.

Heavy Reduction in Prices

BIG CROP OF CARNATIONS NOW ON.

AMERICAN BEAUTIES

Our cut consists mostly of medium and shorter length stems, but very fine flowers.

	Per doz.
Extra specials, extra long stems.....	\$6.00
Stems 30 to 36 inches.....	4.00 to 5.00
Stems 18 to 24 inches.....	2.00 to 3.00
Shorter lengths.....	\$1.00 to 1.50

RUSSELLS—The best in this market.

	Per doz.
Specials, extra long.....	\$3.00
Long.....	\$2.00 to 2.50
Good medium.....	1.50
Good short.....	75 to 1.00

RED ROSES

Rhea Reid and Richmond

	Per 100
Extra long stem specials.....	\$12.00
Long.....	10.00
Good medium.....	6.00 to 8.00
Good short.....	4.00

Ophelia, Shawyer and Sunburst

	Per 100
Specials, extra long stem.....	\$12.00
Long.....	10.00
Good medium stems.....	6.00 to 8.00
Good short stems.....	4.00

Pink and White Killarney, Brilliant

	Per 100
Long.....	\$8.00 to \$10.00
Good medium.....	6.00
Good short.....	3.00 to 4.00

ASSORTED ROSES

No red, but from one-third to one-half white.

OUR SELECTION, in lots of 300 or more, at the rate of.....\$3.00 per 100

Cecile Brunner and Baby Doll

Per bunch of 25 buds.....\$0.75

CARNATIONS—Note Big Reduction.

All colors, per 100.....\$2.00 to 4.00

MISCELLANEOUS

PAPER WHITES.....	Per 100, \$3.00 to \$4.00
VALLEY.....	Per 100, 6.00
ASPARAGUS and SPRENGER.....	Per 100, 2.00 to 3.00
GALAX, Green or Bronze. new crop, per 1000,	1.00
STEVIA, very fine large bunches.....	per bunch, 35c
CHOICE COMMON FERNS.....	Per 1000, \$2.50 to \$3.00

BASSETT & WASHBURN

LONG DISTANCE PHONE:

CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Gregg Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

NEW YEAR'S TRADE QUIET.

The New Year's trade was quiet, according to most reports, with no business whatever to speak of, but the sales for the week in general were very satisfactory and everything in cut flowers cleaned up nicely at good prices, with the exception of carnations, which are selling at low figures compared with all the other offerings. American Beauty roses are in good demand and there is hardly ever any surplus to speak of. Mrs. Chas. Russell roses are in large supply with plenty on hand to fill all orders. Roses in general are cleaning up nicely every day, including White Killarney, which are in good crop. Orchids are good property, and while not scarce, are none too plentiful. Gardenias are moving as quickly as ever. Sweet peas are more plentiful this week than they have been for some time, but are in good demand at high prices and clean up very satisfactorily right a long. Violets are in good supply and the same holds true for lily of the valley, which continues to hold up in price. Paper White narcissi are seen in large quantities at most of the houses and very fancy stock is obtainable at most reasonable figures. Freesias and jonquils are gradually becoming more plentiful and are having a fairly good call. Fancy stevia is in good demand but is none too plentiful. Lilies are in large supply and so are callas. Snapdragons are good property and it is surprising how well calendulas continue to gain in popularity. Mignonette, bouvardia and Romans are included in the many offerings and are in good demand. Green goods of all kinds are plentiful and a further advance in ferns has been made by some of the wholesale houses this week. Outside of funeral work and wedding

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

BRONZE GALAX

\$5.00 Per Case 10,000.

BOXWOOD, 50-lb. bag, \$6.50.

This special offer is good only until present supply is disposed of.

Chicago's Largest Dealers in Decorative Greens

orders trade has been none too good, but seems to be improving at this writing, and while stock is in good supply, it is none too plentiful, neither is it scarce, but a few brisk days would find quite a change in the market conditions.

NOTES.

The John C. Moninger Co.'s factory was partly destroyed by fire on the afternoon of December 30. Fortunately the blaze was extinguished before much damage was done, and while the loss will be in the neighborhood of many thousands of dollars, fully insured, it will not interfere with business to any great extent and deliveries will go forward on time. The ventilating and steel structure departments were damaged most, but additional space in an adjoining building is already in use and work is going along as though nothing at all had happened.

The regular meeting of the florists' club will be held at the Morrison hotel, Thursday evening, January 4, at 8 o'clock. The installation of officers will take place at this meeting and retiring officers will present their annual reports.

W. W. Seekins, wife and daughter, of Duluth, Minn., passed through here January 3 on their way to Florida, where they will visit for several months. Mr. Seekins has invested in some property near Jupiter, and his mission there is to get a line on what it really is.

Percy Jones is having a special January sale on bronze galax and boxwood, which will continue until the present supply in stock is exhausted. This firm recently added another new rose grower to its list of consignors.

H. C. Blewitt, of Des Plaines, is cutting from a nice crop of sweet peas.

Beauties-Roses

Carnations, Lilies, Etc.

You can always get what you want here and it is well to remember when ordering that we have positively the best stock in the Chicago market at the prices quoted.

Buy Direct From The Grower.

CURRENT PRICE LIST

Subject to Change Without Notice.

AMERICAN BEAUTIES

	Per doz.
48 to 60-inch stems	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.00
20-inch stems	1.50

MRS. CHAS. RUSSELL

	Per 100
Specials	\$25.00
Select	20.00
Medium	\$12.00 to 15.00
Short	6.00 to 10.00

RICHMOND

	Per 100
Specials	\$12.00
Select	10.00
Medium	8.00
Shorts	\$5.00 to 6.00

MILADY

	Per 100
Specials	\$12.00
Select	10.00
Medium	8.00
Short	5.00

Killarney		Per 100
White Killarney..	Specials	\$12.00
Killarney Brilliant	Select	10.00
Sunburst	Medium	8.00
My Maryland.....	Short	\$5.00 to 6.00
Ophelia		

ROSES, OUR SELECTION

	Per 100
Carnations, fancy	4.00
" good	3.00
Harrisil	per doz., \$12 50 to \$15 00
Valley	6 00
Violets	1 50 to 2 00
Stevia	1 50 to 2 00
Sweet Peas	1 50 to 2 00
Smilax	per doz. strings 2 00 to 2 50
Adiantum	1 00 to 1 50
Asparagus, per bunch	50c to 75c
Ferns, per 1000	\$3.00
Boxwood	per bunch, 25c
Galax, bronze and green, per 1000	\$1 25
Leucothoe Sprays	75c to 1 00

2,000,000 Feet of Modern Glass

PETER REINBERG

30 East Randolph St.,

LONG DISTANCE PHONES
CENTRAL 601 and 2846

CHICAGO

T. E. Waters and wife entertained a party of friends at their home at 3712 Rokeby street December 31, when the old year was ushered out and the new one welcomed in. Those in the trade present were: Mrs. Irene Williams, Allie Zech and wife, E. C. Pruner and wife, Samuel Seligman and E. A. Ollinger. Everyone present had a most delightful time and it was early in the morning before the happy crowd broke up. Mr. and Mrs. Waters left nothing undone to show their guests a good time and made it so pleasant that some of the party wanted to stay all night.

Ernest L. Weiss and wife, of Fort Dodge, Ia., are visiting relatives at Maywood this week. Walter A. F. Ameling escorted them through Poehlmann Bros. Co.'s mammoth range of green-houses at Morton Grove last Saturday, December 30, which gave them an inkling of what can be accomplished under glass.

M. C. Gunterberg is suffering with an attack of bronchitis but is on the job as usual, looking after the wants of her many customers.

ROSES-CARNATIONS

CURRENT PRICE LIST.

BEAUTIES	Per dozen
Stems 12-inch to 48-inch	\$1.50 to \$5.00

RUSSELLS	Per 100
Short and medium	\$8.00 to \$12.00

ALL OTHER ROSES OBTAINABLE IN THE CHICAGO MARKET.

	Per 100
Short, medium and select	\$6.00 to \$10.00
Roses—Our selection	\$4.00 to \$5.00
Extra specials billed accordingly.	

CARNATIONS	Per 100
Fancy	\$3.00
Good	2.00

MISCELLANEOUS	Per 100
Violets	\$ 1.50
Valley	6.00
Easter Lilies	12.50 to 15.00

MISCELLANEOUS—Cont.	Per 100
Stevia	1.50 to 2.00
Yellow Narcissus	4.00 to 5.00
Calendulas	2.00 to 4.00
Paper Whites	3.00 to 4.00
Snapdragons	per bunch .50 to .75
Mignonette	6.00
Callas	per doz. 2.00
Sweet Peas	1.50 to 2.00

GREENS.

Asp. plumosus sprays	bunch \$0.35 to \$0.50
Sprenger	per bunch .35 to .50
Adiantum	per 100 1.00
Fancy ferns	per 1,000 3.00
Galax leaves	per 1,000 1.25
Boxwood	per lb. .25
Mexican Ivy	1.00
Leucothoe Sprays	.75

SUPPLIES

Corsage Shields, Pins, Baskets, Ribbons, Chiffons, Magnolia Leaves, Boxes, Threads, Etc.

O. A. & L. A. Tonner

30 E. Randolph Street,

Phone,
Central 6284.

CHICAGO, ILL.

BEAUTIES-ROSES CARNATIONS

Wonderful Crop. Place Your Regular Orders With Us.

Current Price List-- Subject to Change Without Notice.

AMERICAN BEAUTIES.	
	Per Doz.
48 to 60-inch stems.....	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.00

RICHMOND.	
	Per 100
Extra Special	\$10.00
Select	8.00
Fancy	7.00
Medium	6.00
Good	5.00
Short stems	4.00

MRS. CHAS. RUSSELL.	
	Per 100
Fancy stock	\$10.00 to \$20.00

PINK KILLARNEY, WHITE KILLARNEY, KILLARNEY BRILLIANT, SUNBURST, OPHELIA.	
	Per 100
Extra Special	\$10.00
Select	8.00
Fancy	7.00
Medium	6.00
Good	5.00
Short Stems	4.00

MINIATURE ROSES.	
	Per 100
Baby Doll	\$3.00
Elgar	3.00
ROSES, OUR SELECTION.....	4.00

CARNATIONS.	
	Per 100
Extra Long	\$3.00
Good	2.00

MISCELLANEOUS.	
	Per 100
Valley	\$ 6.00
Lilies	\$12.50 to 15.00
Ferns, per 1,000.....	2.50
Smilax, per doz. strings.....	2.00
Adiantum	1.00
Galax (bronze and green), per 1,000	1.25
Asparagus Sprengeri, bunch.....	.50
Asparagus Plumosus, bunch.....	.50
Boxwood, per lb.....	.25

Other Green Goods Market Rates.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone
Randolph 2081

CHICAGO

The A. L. Randall Co. has leased another floor in the LeMoyné building, in which it is now located, and if it keeps on it will soon have the whole structure, with the exception of the main floor, in which several other wholesalers are located. This firm is receiving many compliments on its new illuminated aquarium, which promises to be almost as popular with the trade as the celebrated electric store fountain, which beautifies so many retail establishments throughout the country.

Chas. J. Bond, the orchid specialist of Naperville, says that his Cattleya Trianae is producing a larger percentage of high grade blooms than in former years. C. Schroederae, C. Mossiae and C. Trianae recently received from the woods are rooting sturdily and should make excellent stock next season. Oncidium splendidum has enormous spikes. A hybrid between Cattleya labiata and C. Bowringiana introduced by Sander as C. Portia, seems to please the western trade.

A. L. Vaughan & Co. are handling a heavy supply of smilax this week in addition to their usual complete offerings of other greens and cut flowers. Orchids are to be had in quantity regularly at this establishment. Mr. Vaughan, who has been slightly under the weather for several weeks, is feeling much better and is ready to tackle another record breaking year's business.

Wietor Bros. are cutting a large quantity of choice carnations, which are moving very satisfactorily, owing to their splendid quality. American Beauty roses are arriving in good supply and clean up early every day at high prices.

Bassett & Washburn are in large crop with White Killarney roses and report a good demand for same. This firm is booking a large number of new

WANTED

Names of retail florists and buyers of cut flowers who wish to keep posted on special bargains in Chicago Market. Send in your name—no charge for this information.

M. C. GUNTERBERG,

158 N. Wabash Ave., Chicago

orders for rooted cuttings of its new scarlet carnation, Belle Washburn.

J. A. Budlong is cutting a large quantity of fine Mrs. Chas. Russell roses. Budlong's list of roses as far as varieties are concerned, is without question the largest and most complete in this vicinity.

Sinner Bros. are cutting from a heavy crop of Killarney and White Killarney roses. John Sinner says that trade was fine with them for the week following Christmas and much better than the one before.

Allie Zech calls attention to the extra fancy orchid flowering sweet peas that Zech & Mann are receiving from W. H. Amling of Maywood. Fred Ottenbacher is back in the employ of Zech & Mann.

The Chicago Flower Growers' Association is showing a good supply of home grown jonquils, in addition to a most complete line of all other seasonable cut flowers.

August Jurgens has recovered sufficiently from his recent operation for appendicitis to be taken home, and is getting along as nicely as can be expected.

A. T. Pyfer & Co. are handling a nice grade of roses and carnations in addition to a good supply of exceptionally fine orchid flowering sweet peas.

Erne & Klingel have a large quantity of St. Patrick's green carnation

absorber on hand to supply their trade with this year.

Tom Rogers, who has been employed in Minneapolis, Minn., for several years, is visiting old acquaintances here this week.

August Poehlmann is able to be about again after being confined to his home for several days with a severe cold.

Carl Beu has been all smiles since December 29, when the stork deposited a brand new baby boy at his home.

O. A. & L. A. Tonner are offering a splendid grade of yellow narcissi, which are in very good demand.

Frank Farney, formerly with one of the leading eastern supply houses, is now with the A. L. Randall Co.

Duncan Robertson is now with George Wienhoeber, well known South Wabash avenue retail florist.

The American Bulb Co. mailed all its customers a very pretty Happy New Year card this week.

B. Friedman, of the Atlas Floral Co., Detroit, Mich., was in the city on business January 2.

Richard Parker has accepted a position with the National Plant & Flower Company.

Mrs. Victor Bergman is home from a pleasant visit with relatives at Pittsburgh, Pa.

L. Koropp is in charge of the Ohio Floral Co.'s store.

TRY FIRST

On Whatever You Need
in Cut Flowers or Greens.
Unusually Heavy Supply.

BEAUTIES-ORCHIDS-ROSES-CARNATIONS SWEET PEAS-LILIES-VALLEY-GREENS-ETC.

CURRENT PRICE LIST == Subject to Change without notice.

AMERICAN BEAUTY		Per doz.
Extra long stems.....		\$6.00
Stems 48 inches.....		5.00
Stems 30 to 36 inches.....		4.00
Stems 24 inches.....		3.00
Stems 18 to 20 inches.....		2.00
Stems 12 inches.....		1.50
Short Stems.....	100, \$6.00	

MRS. CHAS. RUSSELL		Per 100
Special.....		\$25.00
Select.....		20.00
Medium.....		15.00
Short.....		\$8.00 to 12.00

ROSES		
Richmond, special.....		\$12.00
" select.....		10.00
" medium.....		8.00
" short.....		\$5.00 to 6.00
Milady, special.....		\$12.00
" select.....		10.00
" medium.....		8.00
" short.....		\$5.00 to 6.00
Killarney Brilliant, special.....		\$12.00
" select.....		10.00
" medium.....		8.00
" short.....		\$5.00 to 6.00
Ophelia, special.....		\$12.00
" select.....		10.00
" medium.....		8.00
" short.....		\$5.00 to 6.00

ROSES—Continued.		Per 100
White Killarney, special.....		\$12.00
" select.....		10.00
" medium.....		8.00
" short.....		\$5.00 to 6.00
Killarney, special.....		12.00
" select.....		10.00
" medium.....		8.00
" short.....		\$5.00 to 6.00
Mrs. Ward, special.....		12.00
" select.....		10.00
" medium.....		8.00
" short.....		\$5.00 to 6.00
Sunburst, special.....		12.00
" select.....		10.00
" medium.....		8.00
" short.....		\$5.00 to 6.00
Cecile Brunner.....		2.00 to 3.00
Elgar.....		2.00 to 3.00
Baby Doll.....		2.00 to 3.00

ROSES, OUR SELECTION		
Extra special roses billed accordingly.		
Red.....		\$4.00
White or Pink.....		\$2.00 to 3.00

CARNATIONS.		Per doz.
Cattleyas.....		\$8.00 to \$10.00
Vandas, fine large sprays, 25c per flower.		

MISCELLANEOUS.		Per 100
Violets.....	\$ 1.00 to \$ 1.50	
Valley.....		6.00
Easter Lilies.....	12.50 to 15.00	
Stevia.....	1.50 to 2.00	
Strawflowers.....	.25 to .35	
Calendulas.....	2.00 to 4.00	
Paper Whites.....	3.00 to 4.00	
Daisies.....	1.00 to 2.00	
Snapdragons.....	per bunch	.75
Mignonette.....	6.00 to 8.00	
Romans.....	3.00 to 4.00	
Callas.....	per doz.	2.00
Sweet Peas.....	1.50 to 2.50	

GREENS.		
Asp. plumosus.....	per string	\$0.50 to \$0.75
Asp. plumosus sprays.....	bunch	.35 to .50
Sprenger.....	per bunch	.35 to .50
Adiantum.....	per 100	.75 to 1.00
Smilax, choice.....	per doz.	1.50 to 2.00
Fancy ferns.....	per 1,000	2.50
Galax leaves.....	per 1,000	1.25
Wild Smilax.....	per case	5.00
Boxwood.....		
..per lb., 25c; 50-lb. case...		7.50
Mexican Ivy.....		.75
Leucothoe Sprays.....		.75

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave. Chicago

If You Want Good Stock and Good Treatment
Send Your Orders To
Chicago's Most Up-to-date and best located Wholesale Cut Flower House

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

Quality
Speaks
Louder
Than
Prices.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

CUT FLOWERS

Prices
As
Low
As
Others.

 SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Chris Pederson, who has been suffering considerably with rheumatism for several months, is feeling much better and is now able to be about without the use of a cane. His many friends in the trade wish him a speedy and permanent recovery.

Miss Emily Lampartes and W. I. Wilson were quietly married in this city last November, but managed to keep it a secret until very recently, when Mrs. Wilson resigned her position as saleslady with the Atlas Floral Co. to go to housekeeping.

The George Wittbold Co. is busy taking inventory this week. This firm's handsome new store on Buckingham Place is an object of much interest to the customers, even though the finishing touches have not yet been added.



A. T. PYFER & CO.

Wholesale Florists

30 E. Randolph Street,

Long Distance Telephone
Central 3373

CHICAGO, ILL.

Mrs. Nicholas J. Rupp and family have the sympathy of the trade in the loss of a kind husband and father, whose death occurred December 27, an account of which appears in our obituary column this week. Mr. Rupp was probably the first greenhouse salesman in the west and was then identified with John A. Diez & Co., who made greenhouse materials and millwork, and at which time his business partner, E. F. Kurowski, and former employer, John C. Moninger, were associated with the same firm. When John L. Diez & Co. retired, John C. Moninger bought the business, which was in the neighborhood of 1892, and in 1894, after his death, Mr. Rupp joined E. F. Kurowski in buying the business from Mrs. Moninger. Mr. Rupp sold material for the first ranges built in this vicinity and was well and favorably known to the trade. He was always ready to help a worthy cause and attended all the meetings of the Florists' Club and other trade gatherings whenever he found it possible to do so. Notwithstanding that very few people in the trade knew of his sudden death, the floral offerings were many and beautiful, and showed the high esteem in which he was held by the local trade.

Peter Reinberg has 600,000 rooted carnation cuttings ready for immediate delivery, including a good supply of many of the newer varieties. This firm is about ready to repot 3,500 Thenanthos carnation cuttings and the stock is in splendid condition, according to Emil Reichling, who states that his firm was among the first to buy this variety. American Beauty roses will be discarded at the Reinberg establishment next season. Felix Reichling reports trade at the store all week as exceptionally good, with a brisk demand for Mrs. Chas. Russell roses.

Poehlmann Bros. Co. is strong on roses and carnations this week and is offering a particularly fine supply of American Beauty and Mrs. Chas. Russell roses. This firm will grow 5,000 Thenanthos carnations next season, and has just got through potting up the cuttings, which were delivered this week. T. E. Waters, of the supply department, is serving on the jury for two weeks.

Flowers, plants and equipment valued at \$10,000 were destroyed December 30 by a fire in the conservatory of the Oakwoods Cemetery, Sixty-seventh street and Dorchester avenue. Three

greenhouses were burned and a defect in the heating apparatus is believed to have caused the blaze.

E. Paselle, of the Poehlmann Bros. Co.'s Morton Grove office force, received a new Overland touring car for Christmas from his wife. The car is painted a bright red and is always given the right of way because it greatly resembles those in use by the local fire department.

Kirscht Bros., of Morton Grove, have 10,000 cuttings in the sand of their new carnation Winsor Enchantment, which will be disseminated next season. This variety has made quite a hit with the customers at A. T. Pyfer & Co.'s store, where it has been on sale this fall and winter.

Henry Wittbold has the job to decorate the Coliseum with green goods for the Allied Bazaar, to be held January 11-20. Mr. Wittbold had several carloads of stock shipped in for the job by Harry Garland, formerly of Des Plaines, but now of White Cloud, Mich.

Joseph Weis, 3445 Southport avenue, had a heavy run on funeral work all this week, including several orders for the recent N. J. Rupp funeral.

Visitor: R. H. Beerhorst, with R. H. Beerhorst & Son, Sassenheim, Holland.

NEW HAVEN, CONN.—The New Haven County Horticultural Society has elected the following officers for 1917: Wm. J. Rathgeber, president; George A. Crombie, vice-president; W. C. McIntosh, secretary; David Kydd, treasurer.

SOUTHERN WILD SMILAX

\$2.50 PER CASE.

Holly, standard case \$2 25

Dyed Sheet Moss, per bag 100 square feet..... 3 50

Natural Sheet Moss, per bag 100 square feet..... 1 75

Long Needle Pines, assorted sizes 2 to 4 feet, per doz., 1 25

Grey Moss, 25-lb. bags, per bag..... 2 50

E. A. BEAVEN,

Evergreen, Ala.

Cincinnati.

PLENTIFUL SUPPLY AFTER HOLIDAYS.

Since Christmas, the market has been quite well supplied with all seasonable lines of stock. Business has been steady with a fairly active demand. The New Year's business was excellent for that day. American Beauties are in a good supply and include a fair assortment of the various sizes. Other roses are plentiful and can easily take care of all present calls for them. Carnation receipts are heavy and sufficient for present needs. Easter lilies are plentiful. Narcissi are in fair supply. Roman hyacinths and freesias now are offered. Stevia has a fair market. Other offerings include some excellent orchids, lily of the valley, violets and sweet peas. In the last named, the pink and the white ones are fairly plentiful. The first of the cut of lavender are coming into the market. Callas and rubrum lilies may be had.

NOTES.

P. J. Olinger, after a successful holiday season with his new red carnation seedling, Radium, has begun to sell the rooted cuttings.

C. E. Critchell has been getting some excellent Ophelia and Hoosier Beauty from Wm. Gardner, Richmond, Ind.

The regular meeting of the florists' society will be held Monday, January 8.

E. G. Gillett's business for the new year opened very auspiciously.

Wm. C. Lodder, of Hamilton, O., is sojourning in Florida.

Visitor: Harry Eads, Bellefontaine, O.

H.

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 North Wabash Avenue

L. D. Phone Randolph 631

CHICAGO

ROSES AND CARNATIONS

All the best new and standard varieties in quantity. Positively the finest stock in the World's Largest Wholesale Cut Flower Market and the best that it is possible for 75 Expert Growers to produce. Everything else in seasonable Cut Flowers and Greens.

Order Here—You Can't Do Better Elsewhere, Often Not Nearly As Good.

San Francisco.

LARGEST HOLIDAY BUSINESS EVER.

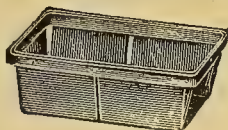
The Christmas business in this city was the best ever enjoyed by the trade. As was expected, the supply of cut flowers was far behind the demand. The florists expected this, and stocked up heavily with pot plants. The call for these was exceptionally heavy and nearly every store cleaned up completely. The continued cold, dark weather kept all cut stock on the short side, and as we are experiencing the same kind of weather still, it will be some weeks before stock of any description is in ample supply again. Roses of all varieties were scarce and hard to get, and the wholesalers held them at higher figures than for some years past. What stock did arrive was spoken for long before it reached the market. Carnations, too, proved in short supply, though not nearly so bad as were the roses. The growers received higher figures for these also, compared to former years. Orchids began to come in a little more freely by Christmas week, but there was not enough to fill all demands. Many of the stores featured orchids in pots, principally cattleyas. These proved rapid sellers. Gardenias were in limited supply with no lily of the valley at all to speak of. Quite a few freesias came in and sold at top figures. The very cold weather had a bad effect on the cut of violets. Usually these are in the market in large quantities at this season of the year, but this one was the exception. The out-of-town call for violets was very heavy. Quite a few chrysanthemums hung on for the holidays and flowers of every grade sold out completely. Seldom has the supply of pot stock been as excellent as was to be had during the week. Vast quantities of poinsettias, cyclamens, begonias and primulas were used. There were no azaleas to be had. The supply of California red berries was practically unlimited and great quantities were sold by the stores and by the green men. Some extra fine English holly arrived from the north and was quickly disposed of. Asparagus Sprengeri and plumosus are in rather short supply just now, owing to the cold weather. California wild cherry was extensively used in place of holly. Smilax was a scarce item and little of it was seen in the market.

NOTES.

All the stores presented splendid pictures during holiday week. Some of the decorations were very elaborate and expensive. Pelicano, Rossi & Co. made their usual splendid show. The store and windows were gay with poinsettias, pot orchids, cyclamens and begonias. They report themselves

Pansy and Verbena Baskets

Their use assures the Florist and Greenhouse man the largest cash return for their plants.

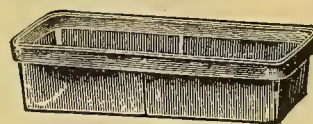


Small size No. 0.
9 in. long, 6 in. wide, 3 in. deep.

Nested 500 in a crate.
Price, \$9.00 per 1000.



Wire handles detached,
\$2.00 per 1000 extra.



Large size No. 2.
13 in. long, 7 1/2 in. wide, 3 1/2 in. deep.

Nested 250 in a Crate.
Price, \$17.00 per 1000.

Samples sent free upon request.

G. P. READ, Inc., 199 Duane St., New York

Southern Wild Smilax

\$2.50 Per Case.

Holly, standard case.....	\$2 25 per case
Fadeless Sheet Moss, 100 square feet.....	3 50 per bag
Natural Sheet Moss, 100 square feet.....	1 75 per bag
Southern Grey Moss, 25 pounds.....	2 50 per bag
Long Needle Pines, assorted 2 to 4 feet.....	1 25 per doz.

Caldwell The Woodsman Co., Evergreen, Ala.

greatly pleased with the results of the holiday business. J. B. Boland made an excellent display in their Kearny street store. All seasonable plants and flowers were displayed to the best advantage. MacRorie-McLaren Co. made a grand showing of pot plants, principally poinsettias and orchids. They are greatly pleased with their first Christmas trade. Podesta & Baldochi featured orchids largely, this being their great specialty. Their show of pot stock was all that could be wished for and cleaned up in fine shape. The Art Floral Co. made very unique window displays, this being the work of Manager Matraia. They are greatly encouraged by the large volume of business transacted. In the residential districts the same reports are being received as from the down-

town florists. E. Serveau says this was his busiest Christmas. A. O. Stein, Chas. Steppenback and the Misses Hannon sold out completely.

At the last regular meeting of the Menlo Park Horticultural Society the officers for the ensuing year were elected. The evening was pleasantly spent after the business session in inspecting the various exhibits. The officers chosen are as follows: John M. Daly, president; David Bassett, vice-president; George Nunn, treasurer; Arthur Bearsby, financial secretary; Percy Copp, corresponding secretary; trustee for the long term, Richard D. Cruikshank. Exhibition committee: Percy Ellings, David Bassett, Rudolph Slama, Arthur Bearsby and John Aitken; ushers, Angus McVicker and Henry Wright.



Order Your Supply Now!

Make Your Selection of These Six Special Offers and Let Us Have Your Orders as Early as Possible.—Do it today if Convenient.

Plant Baskets.

No. 1—\$18.00.

12 Plant Baskets for plants ranging in size from 5 to 10-inch pots.

No. 2—\$12.00.

12 Plant Baskets for plants ranging in size from 5 to 10-inch pots.

No. 3—\$8.00.

12 Plant Baskets for plants ranging in size from 5 to 10-inch pots.

Cut Flower Baskets.

No. 1—\$7.50.

25 Baskets for short-stemmed cut flowers.

No. 2—\$15.00.

25 Baskets for medium-stemmed cut flowers.

No. 3—\$19.00.

25 Baskets for long-stemmed cut flowers.

Willow and Reed used exclusively in our Baskets. Prices include liners.

WRITE FOR OUR NEW CATALOGUE.

RAEDLEIN BASKET COMPANY

713 Milwaukee Ave..

CHICAGO

The plant growers all did a splendid trade and many "sold" signs were on stock several weeks previous to the holidays. Eric James, who is one of our leading plant specialists, sold out everything. Some of his ericas were grand specimens. H. Plath reported a heavy sale of nephrolepis in all sizes; also kentias and Primula obconica. The Japanese growers across the bay did a thriving business, especially H. Hayashi, the cyclamen grower. He sold out completely on large sizes.

Luther Burbank, the well known originator of new plants, and Miss Elizabeth Waters were quietly married in this city December 21. Miss Waters was born in Michigan, and for several years past has been Mr. Burbank's private secretary. They are at present in the southern part of the state and upon their return will reside at the old Burbank home in Santa Rosa.

Arthur Cann, of San Jose, who was a recent visitor, reports a splendid Christmas trade. He says a great many more cut flowers could have been used if they were to be had. The trade in pot plants was larger than in former years, owing to the cut flower shortage.

Geo. F. Wakefield has been appointed superintendent of parks of the city of San Jose. Wakefield is a civil and landscape engineer. He promises to devote much attention to the improving of the scenic aspects of the city parks.

T. Fenton, superintendent of the MacRorie-McLaren Nursery, is still on the sick list. During his absence, Andrew McDonald is in charge. He reports an exceedingly busy week shipping plants for the holiday trade.

Percy Ellings, of the Lynch Nursery Co., has been confined to his home for several weeks past by illness. His many friends in the trade look forward to seeing him about soon again.

Supt. McLaren, of Golden Gate Park, has been called upon by the trustees of Leland Stanford University to assist in the planning of the new Stanford arboretum.

Frank R. Mills, of Palo Alto, has purchased several acres of land adjoining his nursery in San Mateo county. G. N.

Detroit.

EXCELLENT NEW YEAR'S BUSINESS.

New Year's business was devoid of any special features. There was a good trade, reported by some as greater than last year. The supply of nearly all the seasonable items was about equal to the demand. Paper White narcissus was the only flower, the supply of which was in excess of the call, and yet great quantities of them were used, chiefly because of the moderate price and excellent quality. Carnations were in fair supply and all available stock sold at reasonable prices, but it is becoming evident that the "divine flower" is losing ground in popularity; thousands were formerly sold, where now a few hundred will suffice. Roses of short and medium lengths were very much short of the demand. Lilies, too, were quite scarce, while violet stock about equaled the good demand for them, retailing at \$3 and \$4 a hundred. American Beauties were fine and sold well, closely followed by the higher grades of Russell, which is now pushing the famous fragrant American Beauty for first place in the call for the more expensive flowers. Azaleas and other flowering plants were in meagre supply and all were easily disposed of. Boston ferns still maintain their popularity and many were sold.

NOTES.

Joseph Streit, who has the Taepke greenhouses on McLellan avenue, is putting in an auxiliary boiler 16 feet long by 66 inches diameter, which, with his other boiler of lesser dimensions, will assure him of full heating capacity in the coldest weather. A new retail store has recently been attached to these greenhouses and is in charge of Miss Streit, who ably cares for the good business being developed here. A propagating house, 10x60 feet, is now being built and an extensive business will be done in rooted

RED CYCAS LEAVES.

Sizes.	Pkg. of 10	Per 100
8 to 12 inches.....	\$0.45	\$3.50
12 to 16 inches.....	.60	5.00
16 to 20 inches.....	.75	7.00
20 to 24 inches.....	.95	9.00
(50 Cycas at 100 rate—10 to pkg.)		

CREPE PAPER AND POT COVERS.

	Per Doz.	Per 100
Waterproof (all colors).....	\$2.50	\$20.00
Pebbled, pleated (all colors).....	2.00	15.00

PINE CONES.

Extra choice quality, with stems and most desirable of all kinds of Xmas decorations.

Price per 100.....only \$1.50

Get Our List of Other Supplies.

GEO. H. ANGERMUELLER,

Wholesale Florist

1324 Pine St., St. Louis, Mo.

cuttings of poinsettias. His plants of these were fine for Christmas, as were also his stock of azaleas. The coal shortage has no terrors for Mr. Streit, as his supply on hand will last until March 1.

The continued severity of the weather is causing much anxiety to the growers here and at Mt. Clemens, because of the shortage of coal, with no indication of an improvement in the situation. A pot famine, too, is included in the growers' troubles, with no prospects of relief in sight.

Sydney Beard was laid up with a severe cold last week, but recovered sufficiently to make a trip to Saginaw, Mich., December 30.

Visitor: M. Jansen, New York, representing C. Keur & Son, Hillegom, Holland. J. F. S.

TANNERSVILLE, N. Y.—Clarence McDaniel has completed one new house at his range here.

BARRINGTON, ILL.—William Skinner has rented the old place which Mersch Bros. had there, owned formerly by Frank Stott, Mersch Bros. having built a new place at Palatine.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

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Long Distance Phone, Randolph 6784

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The Largest, Best Equipped,
Most Centrally Located

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L. D. Phones
CENTRAL 1977 and 1978.

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151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

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A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

Mention the American Florist when writing

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 NO. WABASH AVE., CHICAGO
Telephone Central 466

Mention the American Florist when writing

AUSTIN, TEX.—Charles Alf, Sr., will make extensive additions to his establishment, which will include several houses.

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST.	Per doz.
Roses, Beauty, specials.....	\$5 00@ \$6 00
" " 36-in.....	4 00
" " 30-in.....	3 50
" " 24-in.....	3 00
" " 20-in.....	2 50
" " 18-in.....	1 50@ 2 00
" " short.....per 100,	6 00@ 8 00
" Mrs. Chas. Russell.....	
.....per doz.,	1 00@ 5 00
	Per 100
" Hoosier Beauty.....	6 00@40 00
" Killarney Brilliant.....	3 00@12 00
" Killarney.....	3 00@12 00
" White Killarney.....	3 00@12 00
" Richmond.....	3 00@12 00
" Prince de Bulgarie.....	3 00@12 00
" Rhea Reid.....	3 00@12 00
" My Maryland.....	3 00@12 00
" Mrs. Geo. Sawyer.....	4 00@15 00
" Milady.....	4 00@15 00
" Sunburst.....	4 00@15 00
" Mrs. Aaron Ward.....	3 00@12 00
" Hadley.....	4 00@15 00
" Ophelia.....	4 00@15 00
" Double White Killarney.....	4 00@15 00
" Mrs. Moorfield Storey.....	4 00@15 00
" Champ Weiland.....	3 00@12 00
" Stanley.....	4 00@15 00
" Tipperary.....	4 00@15 00
" Francis Scott Key.....	4 00@15 00
" Bayard Thayer.....	4 00@18 00
" Cecile Brunner.....	3 00@ 4 00
" George Elgar.....	4 00
" Baby Doll.....	4 00
" Fireflame.....	4 00@ 6 00
" Our selection.....	4 00
Carnations.....	1 00@ 4 00
Cattleyas.....per doz.,	7 50@ 9 00
Vandas.....	25c per bloom.
Freelias.....	2 00@ 4 00
Gardenias.....\$4 00@\$6 00 per doz.	
Sweet Peas.....	2 50
Daisies.....	1 00@ 2 00
Calendulas.....	2 00@ 4 00
Snappdragons.....	50c@\$1 00 per doz.
Violets.....	1 50
Lilium Harrisii.....	12 50@15 00
Valley.....	6 00@ 8 00
Adiantum Croweannum.....	1 00@ 1 50
Stevia.....per 100	1 50@2 00
Paper Whites.....per 100	3 00@4 00
Ferns.....per 1000,	2 50@ 3 00
Galax.....	1 00@1 25
Leucothoe.....	75
Mexican Ivy.....per 1000,	5 00@6 00
Plumosa Strings.....each,	60c @ 75
Smilax.....per doz.,	2 00
Sprengel, Plumosa Sprays.....	3 00@ 4 00
Boxwood, 25c lb., per case.....	8 00
Wild Smilax.....per case,	\$6 00

HAMILTON, ONT.—A. & H. Brown, who conducted a florist establishment in this city for a number of years, have retired permanently from business.

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

Mention the American Florist when writing

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

Mention the American Florist when writing

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

Mention the American Florist when writing

HOERBER BROS.

Wholesale Cut Flowers
Growers of

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave.,

Mention the American Florist when writing



Mention the American Florist when writing

Beauties-Lilac-Gardenias

Three items that are in good demand now. If you place your order with us we can assure you of good quality, the lowest market price and we are in a position to fill your orders on short notice.

THE LEO NIESSEN CO.,

1201-5 Race St., Philadelphia, Pa.

Philadelphia.

GOOD BUSINESS FOLLOWS CHRISTMAS.

The holiday week's business has been quite satisfactory; flowers in plenty, with a very fair demand, which has kept the scales balancing nicely. Prices were about one-third less than for Christmas. The quality of the stock is quite up to standard. Roses appear to be cut too tight, a mistake that is too often made, many growers seeming to think they must send in something, whether it is ready or not. Sweet peas also are seen in half-blown sprays, a great mistake sure to show in the returns. This flower was a greater factor at Christmas than ever before; nearly all the orchid varieties were in, some almost up to the February standard of last year. Lily of the valley, while plentiful, is still quoted at Christmas prices, and in consequence the wholesale men carry the stock, dealers buying when necessary. Gardenias are held at high figures, being in the hands of but a few. The quality is good. Paper Whites and stevia are over abundant—the flowers of the common people—but they do not work well alone. Violets are in good demand, on account of a limited call. Carnations are holding their own fairly well. They are, just now, cut almost too tight. The French Golden Spurs are in good demand. White lilac, very good for the season, is not sufficient for requirements. Mignonette is good stock. Easter lilies come and go with great regularity; they are one of the most standard of all round the season flowers. Cattleyas are scarce at top prices. There was an extra demand from out-of-town customers for New Year's, but the city stores made very little preparation, expecting little more than a busy morning. December 24 was the quietest Christmas eve ever experienced in the wholesale trade of this city, while the 23d was one of the busiest days. Christmas day, falling on Monday, gave the store men a chance to get out orders, which for the most part were to be delivered Christmas eve. For this business they stocked up well on Saturday with the result there was not much doing on Sunday and all the wholesale houses closed at 6 to 7 p. m.

NOTES.

The wholesale shippers of the craft of this city—commission florists and growers—are to get together in the near future and formulate a plan looking to the more expeditious handling of their products by the various express companies. They will then take this matter up with the companies and do their utmost to have flowers and plants given a right of way over the ordinary perishable matter that goes to make up the bulk of the express business at the holiday season. The service was a trifle better this Christmas because last year's delays in deliveries of flowers, fruit and vegetables, cost the company in this city alone, over \$25,000; of this amount \$6,000 was for flowers. Mr. Niessen believes that it is possible to greatly improve the existing system, and that something practical will develop from such an action of the entire trade.

BEAUTIES-RUSSELL AND OPHELIA ROSES VALLEY AND VIOLETS

and all other flowers in season. Ferns, Galax, Magnolia Leaves, Asparagus, Adiantum, Etc.

H. G. BERNING,

WHOLESALE FLORIST

1402 PINE STREET,

ST. LOUIS, MO.

EDWARD REID

American Beauties, Orchids, Valley. High Grade Roses and Carnations.

This is the exclusive shop, only one block from Express Depots.

1619-1621 Ranstead Street,

PHILADELPHIA, PA.

Wholesale Flower Markets

BUFFALO, Jan. 3.		Per 100
Beauty Special.....		75 00
" Fancy.....		50 00@60 00
" Extra.....		40 00@50 00
" 1st.....		20 00@35 00
" 2nd.....		8 00@15 00
Roses, Killarney.....		6 00@20 00
" My Maryland.....		10 00@20 00
" Sunburst.....		2 00@20 00
" Ward.....		6 00@15 00
" Ophelia.....		10 30@20 00
" Russell.....		15 00@30 00
" Stanley.....		10 00@20 00
" Mock.....		6 00@15 00
" Shawyer.....		10 00@20 00
Lily of the Valley.....		6 00@ 8 00
Lilies.....		10 00@20 00
Cattleyas.....		75 00@85 00
Carnations.....		8 00@12 00
Violets.....		1 00@ 1 25
Asparagus Sprengerii.....	35@	50
Ferns.....	per 1000,	2 50
Smilax.....		15 00@20 00
Stevia.....		1 00@ 1 50

CINCINNATI, Jan. 3.		Per 100
American Beauty, per doz.....	1 00@	8 00
Roses, Killarney.....		4 00@12 00
" Mrs. Chas. Russell.....		8 00@10 00
" Ophelia.....		8 00@20 00
" Richmond.....		4 00@15 00
" Sunburst.....		4 00@12 00
Carnations.....		3 00@ 4 00
Lilium Giganteum.....		10 00@12 50
Lily of the Valley.....		6 00@ 4 00
Orchids.....		6 00@ 7 50
Narcissus.....		2 40@ 3 00
Violets.....		1 00@ 1 50
Sweet Peas.....		75@ 1 00

BOSTON, Jan. 3.		Per 100
Roses, Beauty.....		20 00@60 00
" Killarney Queen.....		4 00@12 00
" White and Pink Killarney.....		4 00@12 00
" Double White Killarney.....		4 00@12 00
" Killarney Brilliant.....		6 00@16 00
" Hadley.....		6 00@16 00
" Cardinal.....		4 00@10 00
" Mock.....		8 00@16 00
" Mrs. Chas. Russell.....		8 00@16 00
" Sunburst.....		8 00@16 00
" Taft.....		4 00@12 00
" Milady.....		4 00@10 00
" Ward and Hillingdon.....		4 00@10 00
" My Maryland.....		3 00@12 00
Cattleyas.....		60 00@75 00
Lily of the Valley.....		4 00@ 6 00
Sweet Peas.....		1 50@ 2 00
Carnations.....		1 50@ 5 00
Paper White.....		2 50@ 3 00

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

262B DEVONSHIRE STREET,
BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 8 a. m.

Mention the American Florist when writing

BERGER BROS.

Central Market

ROSES, ORCHIDS, VALLEY

High Grade Carnations

Always high grade Easter Lilies

1225 Race St., Philadelphia, Pa.

Mention the American Florist when writing

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., Milwaukee, Wis.

Wholesalers and Growers of
**Choice Cut Flowers
and Greens**

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower ship-
pers in MINNEAPOLIS. Let us sup-
ply your wants. If it is on the mar-
ket we can furnish it.

Florists' Supplies

Get our prices before placing
order. Guarantee satisfaction.

Mention the American Florist when writing.

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers
in Kansas City. If on the market, we
have it. Get our prices and we will fill
your orders. Satisfaction guaranteed.

1016-1018 McGee Street

Kansas City, Mo.

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McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

H. Bayersdorfer & Co.

The Wholesale Supply
House of America ...

EVERYTHING THE BEST IN FLORISTS' SUPPLIES
1127 Arch St., Philadelphia, Pa.

Pittsburgh Cut Flower Co.

WHOLESALE GROWERS

116-118 Seventh Street

PITTSBURGH, - PA

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 206

444-446 Milwaukee St., Milwaukee, Wis.

Fancy Ferns

Special Picked. Leave Your
Regular Orders with Us.

Lily of the Valley and Orchids, Chrysanthemums, Lilies,
Fancy Roses and Carnations.

FLORISTS' SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist.
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Jan. 3. Per 100		
Roses, Beauty, special.....	30 00@50 00	
" " fancy.....	20 00@30 00	
" " extra.....	15 00@20 00	
" " shorter grades.....	10 00@12 00	
" Mrs. Chas. Russell.....	10 00@30 00	
" Prima Donna.....	10 00@20 00	
" Killarney.....	4 00@15 00	
" White Killarney.....	4 00@15 00	
" Liberty.....	10 00@30 00	
" Hadley.....	15 00@50 00	
" Sunburst.....	8 00@15 00	
" Ophelia.....	8 00@20 00	
" Hoosier Beauty.....	8 00@20 00	
Carnations.....	4 00@8 00	
Cattleyas.....each, \$0 60@ 75		
Lilium Longiflorum.....	10 00@12 00	
Valley.....	4 00@6 00	
Calendulas.....	3 00@8 00	
Daisies, yellow.....	2 00@5 00	
Violets, single.....	1 00@4 00	
Sweet Peas.....	1 00@3 00	
Freelias.....	5 00@8 00	

PITTSBURGH, Jan. 3. Per 100		
Roses, Beauty, special.....	50 00	
" " fancy.....	40 00	
" " extra.....	25 00	
" " No. 1.....	15 00	
" Killarney.....	4 00@10 00	
" My Maryland.....	4 00@10 00	
" Sunburst.....	4 00@10 00	
" Mrs. Aaron Ward.....	4 00@10 00	

Cattleyas.....	75 00
Lilium Giganteum.....	12 00
Carnations.....	4 00
Lily of the Valley.....	6 00
Snapdragons.....	5 00
Paper Whites.....	3 00
Violets.....	1 00
Adiantum.....	1 25
Stevia.....	2 00
Asparagus Sprengeri, per bunch, 35@40	

MILWAUKEE, Jan. 3. Per 100		
Roses, Killarney and W. Killarney	6 00@20 00	
" " Ward.....	6 00@20 00	
" Mrs. Chas. Russell.....	10 00@30 00	
" Ophelia.....	10 00@25 00	
" Hoosier Beauty.....	10 00@30 00	
Lilies.....per doz., 2 00		
Cattleyas.....per doz., 9 00@10 00		
Carnations.....	3 00@4 00	
Rubrams.....	4 00	
Valley.....	5 00@6 00	
Violets.....	1 50@2 00	
Bouvardia.....	75@1 00	
Stevia.....	1 50	
Sweet Peas.....	2 00@3 00	

DAVID WELCH

EDWARD J. WELCH

WELCHS'

WHOLESALE AND

COMMISSION FLORISTS

FLORISTS' SUPPLIES

280 and 282 Devonshire St.,
BOSTON, MASS.

Consignments of Beauties, Lilies of the Valley,
Orchids and all other flowers received daily.

Telephone—Court Hill 2964, 2965.

Philadelphia Wholesale Florists' Exchange

High Grade Roses, Violets, Gardenias and Orchids
and other Seasonable Flowers.

Up-to-the-Minute Service. Satisfaction Guaranteed.

A good opening for a few more growers of cut flowers.

1615 Ranstead St., Philadelphia, Pa.

ST. LOUIS, Jan. 3. Per 100		
Beauty, Special.....	5 00 per doz.	
" " Fancy.....	4 00	
" " Extra.....	3 00	
" " No 1.....	2 00	
" " No 2.....	1 50	
" " Short.....		

Hadley.....	4 00@8 00
Killarney.....	3 00@6 00
Hoosier Beauty.....	4 00@8 00
Richmond.....	4 00@8 00
Sunburst.....	3 00@8 00
Ward.....	2 00@5 00
Mrs. Shawyer.....	6 00@15 00
Mrs. Russell.....	6 00@15 00
Ophelia.....	3 00@8 00
Carnations.....	2 00@3 00
Valley.....	4 00@6 00
Lilies.....	10 00
Orchids.....	.50 00@60 00
Ferns.....per 1000, 2 00	

A meeting of the chairmen of the local committees of the coming American Rose Society exhibition was held at the Bellevue-Strafford hotel, December 26. Very enthusiastic reports were received, showing that the entire trade was taking an active interest and that many fine exhibits were already assured.

Emil A. Doemling, son of August Doemling, of Lansdowne, Pa., was a messboy on the steamer Maryland, which wirelessly on Christmas night that she was in a sinking condition. Nothing has since been heard of the vessel. It is hoped that the crew have been taken from boats by passing vessels.

Carl Cortis, of the Jos. Heacock Co.'s force, in speaking of express service, said they had found that a little "grease on certain cogs in the wheels of service" to have been of the greatest benefit. Killarney, Hillingdon, Ward and Hadley roses are the features here.

George Cook, for a number of years with the S. S. Pennock-Meehan Co., joined the forces of the Philadelphia Wholesale Florists' Exchange December 26. Mr. Cook is very well versed in the wholesale business and should be quite a factor in his new position.

A small red Jap chenville wreath, only three inches in diameter, with a twig of green and a red bow, was used to good effect in the decoration of small trellis boxes. These were seen in the store of George Craig, whose Christmas business was very satisfactory.

John McIntyre, well known to the trade in this city, died suddenly in New York, December 28. The funeral was from his late residence, January 2. He was an indefatigable worker in the wholesale district as well as when in the retail business for himself.

Growers of chrysanthemums for next season should include in their varieties some of the newer single and smaller flowered anemones. These found a ready sale in all markets during the past year.

American Beauty, white lilac, gardenias and high grade lily of the valley are features of the Leo Niessen Co.'s stock. A very good out-of-town trade was reported for January 1.

H. Bayersdorfer & Co. are recovering from the tremendous early December business which nearly swamped them. The outlook for the new year was never better.

Wholesale prices for gardenias for Christmas delivery was \$3 to \$6 per dozen. The street price on December 25 was—"Here's your fresh gardenias, five cents each."

My Maryland, Brilliant and Ophelia roses, lily of the valley and high grade carnations, were holiday week specials with Edward Reid. Business was very good.

Berger Brothers found a good demand during the holiday week. Maryland and Ophelia roses and high grade violets and carnations were features.

The S. S. Pennock-Meehan Co. handled a great many plants at Christmas. Their business in this line is rapidly increasing.

The Robert Craig Co.'s business taxed their increased facilities to the utmost. It was the best holiday trade ever experienced.

Ardisias were good stock this season. The supply was only half enough to go around. K.

ASHTON, R. I.—The greenhouses of the John Patterson estate are to be offered for sale in the near future, it is reported.

LOCKPORT, N. Y.—Fred G. Lewis has opened an up-to-date flower store on Main street, which will be supplied from his range on Locust street.

OUR MOTTO: The Best the Market Affords.

Valley

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York.

New York.

FAIR MARKET AFTER GOOD CHRISTMAS.

The New Year's business was fair, but not remarkable. As was to be expected, for a few days after Christmas, the market was quiet. It is no secret that it took several days for some of the dealers to clean up on left-over stock. December 27 opened with what the weather bureau called a "glaze," but to be explicit, was that kind of rain that freezes as it falls and makes the earth one grand concourse for slipping, sliding and falling. As a consequence there were accidents and broken limbs. Rain continued for two days, melting the ice and the greater part of the snow that had previously fallen. On the mornings of December 29 and 30, business improved, but though the wholesalers kept open till nearly midnight of the 30th, there was practically nothing doing. There was plenty of stock to supply the demand, at fair prices. American Beauties, special, brought 60 and 75 cents each. The general run of tea roses, such as Ophelia and the best Killarneys, 15 cents for specials, six cents for No. 1s and four cents for No. 2s. There was stock of such roses as Mock, Scott Key, Russell and Ward that went higher. Hadley, which may be placed in a class by itself, is running a close race with American Beauty. In carnations, there were sales of Cottage Maid and Mrs. Ward for 10 cents, but Enchantress and the reds and whites ranged from six to eight cents. The best violets went at \$1 per 100, but were slow. Lilies and lily of the valley dragged throughout the week. On December 31, 12 cents was the top price for the best lilies; for ordinary stock there were sales as low as eight cents. The bulk of lily of the valley sold for four cents and was slow at that. Trumpets and Golden Spurs were scarce and averaged \$1 per dozen. A few short tulips are on the market at 50 cents per dozen. Some good stock of the old varieties of sweet peas is noticed, but the Spencers have the call and even they are rather slow. Good snapdragons and what irises there are on the market bring good prices. A few chrysanthemums are hanging on, but little attention is paid them. The warm and wet weather of the past week had a bad effect on some of the roses.

January 1.—The business attending the beginning of the new year has been light. December 30 was about the same as the average Saturday. While the wholesale stores were open all day December 31, there was very little doing. There was some buying this morning, but the demand was not heavy. As stated, a few carnations sold for 10 cents, but it is doubtful if the bulk of the stock averaged over six cents. The supply of stock in general is not heavy, but there is no scarcity.

NOTES.

The tenth annual ball and entertainment of the Greek-American Florists' Association will be held in the Terrace Garden, 145 East 58th street, near Lexington avenue, on the night of Febru-



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—We are—

Wholesale Florists

Have twenty-two years' experience behind us and we do not expect a gold medal for doing our full duty to our consignors and customers. You will not make a mistake by dealing with us.

GUTTMAN & RAYNOR,

INC.
PHONES: { 558 101 W. 28th St.,
FARRAGUT { 2036 NEW YORK
2037

PHONE—FARRAGUT 8913

JAMES COYLE

WHOLESALE FLORIST
64 West 26th St., NEW YORK
(Opposite Coogan Building)

20 years experience

Consignments Solicited and Prompt RETURNS GUARANTEED.

M. C. Ford

121 WEST 28th STREET
NEW YORK

Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers

A complete assortment of the best in the market can always be relied upon.

ary 28. The committee of arrangements is as follows: George Hanges, chairman; Christ Pappas, M. T. Rovatzos and S. Sakas. The personnel of the committee is a guarantee that the affair will be successful, and this association is noted for showing its guests a good time.

Peter Cosmas, who has a good store at 2107 Third avenue, advises us that he had a good holiday trade, particularly in plants. He has had a store in that vicinity for 20 years, is clever, obliging and popular with customers and neighbors.

We found Joseph B. Davis, 2152 Third avenue, busy on a wedding decoration, December 30. He has a long established business and turns out good work.

Lawrence Kervan, of the Kervan Co., dealers in green, had the misfortune to sustain a broken arm, December 28, by falling on the icy sidewalk.

PAUL MECONI

WHOLESALE FLORIST

55-57 W. 26th Street

NEW YORK CITY

Telephone:
8864 Farragut.**Riedel & Meyer, Inc.**

Wholesale Florists

25 YEARS EXPERIENCE

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NEW YORK, Jan. 3.		Per 100
Roses, Beauty, special.....	50 00@60 00	
" " extra and fancy.....	30 00@40 00	
" " No 1 and No 2.....	15 00@25 00	
" Prima Donna.....	4 00@25 00	
" Alice Stanley.....	5 00@25 00	
" Francis Scott Key.....	6 00@40 00	
" Mrs Geo. Sawyer.....	5 00@15 00	
" Double White Killarney.....	5 00@15 00	
" Killarney, Special.....	12 00@15 00	
" " No 1 and No 2.....	4 00@6 00	
" " Queen.....	4 00@15 00	
" " Brilliant.....	4 00@15 00	
" Aaron Ward.....	6 00@20 00	
" Richmond.....	4 00@15 00	
" Sunburst.....	5 00@15 00	
" J L Mock.....	5 00@25 00	
" Ophelia.....	4 00@15 00	
" Mrs. Chas. Russell.....	5 00@20 00	
" Cleveland.....	5 00@15 00	
" Hadley.....	6 00@60 00	
" Hoosier Beauty.....	4 00@15 00	
Cattleya Orchids, special..... each,	75	
inferior grades.....	35 00@50 00	
Bouvardia.....	3 00@6 00	
Rubrams.....	6 00@10 00	
Lilies, Longiflorum and Harrisii.....	10 00@12 00	
Lily of the Valley.....	3 00@4 00	
Carnations.....	5 00@6 00	
Mignonnette..... per doz	75@ 1 00	
White Lilac..... per bunch	1 50	
Gardenias..... per doz	1 00@ 3 00	
Sweet Peas.....	1 50@ 2 00	
Sweet Peas, Spencers.....	2 50@ 3 00	
Snapdragons.....	8 00@10 00	
Violets.....	50@ 75	
Yellow Narcissus.....	6 00@ 8 00	
Paper White Narcissus.....	60@ 2 65	
Adiantum Croweanum and		
Hybridum.....	75@ 1 00	
Asparagus Plumosus..... doz. bchs.	2 50@ 3 00	
Smilax..... doz. strings,	75@ 1 00	
Iris..... per doz. 4 00		

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Telephones: Farragut { 4422
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Phone, Madison Square 4051.

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Asparagus Plumosus Nanus A Specialty.

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Between 26th and 27th Sts.

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Orchids, Roses, Carnations and all the other
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Prompt and satisfactory. Consignments solicited**N. Y. Cut Flower Exchange**Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales
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Desirable well space to rent for advertising.

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A Big Cut in Prices But No Cut in Quality

This is your opportunity to buy the regular "Arnold Quality" boxes at a price far below present market values. As long as they last our present stock will be sold at prices listed below. We are unable to guarantee the filling of all orders as many of our sizes are exhausted. We will, however, fill all orders in rotation as they come in. Place your order now, thus making sure that you get yours.

WHITE GLAZE		MIST GRAY		MIST BROWN		MANILA	
For Violets and Corsages		For Violets and Corsages		For Violets and Corsages		For Cut Flowers and Designs	
7x 4x 2" covers.....	\$ 3.60	7x 4x 2" covers.....	\$ 3.60	7x 4x 2" covers.....	\$ 3.80	16x 4x 3 2" covers.....	\$ 2.50
8x 5x5 " " " " " "	4.30	8x 5x5 " " " " " "	3.90	8x 5x5 " " " " " "	4.15	20x 4x3 " " " " " "	2.90
10x 6x5 1/2 " " " " " "	5.00	10x 6x5 1/2 " " " " " "	4.30	10x 6x5 1/2 " " " " " "	4.50	18x 5x3 " " " " " "	2.90
14x10x8 " " " " " "	10.65	14x10x8 " " " " " "	8.50	14x10x8 " " " " " "	9.00	21x 5x3 " " " " " "	3.40
For Cut Flowers		For Cut Flowers		For Cut Flowers		24x 5x3 1/2 " " " " " "	4.05
16x 4x3 2" covers.....	\$ 3.80	16x 4x3 2" covers.....	\$ 2.65	16x 4x3 2" covers.....	\$ 2.80	36x 5 1/2 x3 1/2 " " " " " "	6.05
18x 5x3 " " " " " "	4.30	18x 5x3 " " " " " "	3.05	20x 4x3 " " " " " "	3.25	28x 6x4 " " " " " "	4.75
21x 5x3 " " " " " "	5.00	20x 4x3 " " " " " "	3.05	18x 5x3 " " " " " "	3.25	21x 7x3 1/2 " " " " " "	4.40
24x 5x3 1/2 " " " " " "	5.35	21x 5x3 " " " " " "	3.60	21x 5x3 " " " " " "	3.80	21x 8x4 " " " " " "	4.75
36x 5 1/2 x3 1/2 " " " " " "	8.05	24x 5x3 1/2 " " " " " "	4.30	24x 5x3 1/2 " " " " " "	4.50	24x 8x4 " " " " " "	5.20
21x 8x4 " " " " " "	6.60	36x 5 1/2 x3 1/2 " " " " " "	6.45	36x 5 1/2 x3 1/2 " " " " " "	6.75	24x 8x5 " " " " " "	5.65
24x 8x5 " " " " " "	8.20	18x 6x4 " " " " " "	4.30	21x 7x3 1/2 " " " " " "	4.85	28x 8x4 " " " " " "	5.90
28x 8x5 " " " " " "	9.25	24x 6x4 " " " " " "	4.95	24x 8x4 " " " " " "	5.80	36x 8x5 Telescope.....	9.45
36x10x5 " " " " " "	12.80	36x 6x5 " " " " " "	9.00	24x 8x5 " " " " " "	6.20	40x 8x5 " " " " " "	12.15
36x10x5 " " " " " "	15.65	21x 7x3 1/2 " " " " " "	4.60	28x 8x4 " " " " " "	6.30	42x 8x5 " " " " " "	14.70
42x10x5 " " " " " "	21.35	21x 8x4 " " " " " "	4.95	36x 8x5 Telescope.....	10.55	30x10x5 " " " " " "	9.45
48x10x5 " " " " " "	25.60	24x 8x5 " " " " " "	5.90	40x 8x5 " " " " " "	13.50	36x10x5 " " " " " "	12.15
VIOLET GLAZE		42x 8x5 Telescope.....	15.65	42x 8x5 " " " " " "	13.50	42x10x5 " " " " " "	17.55
7x 4x 2" covers.....	\$ 3.80	36x10x5 " " " " " "	12.80	30x10x5 " " " " " "	10.55	48x10x5 " " " " " "	20.20
10x 6x5 1/2 " " " " " "	5.25	48x10x5 " " " " " "	21.35	36x10x5 " " " " " "	13.50	40x10x6 " " " " " "	20.20
14x10x8 " " " " " "	11.25	For Designs and Sprays		42x10x5 " " " " " "	19.55	30x12x6 " " " " " "	8.10
PLAIN VIOLET		30x12x6 Telescope.....	\$14.25	48x10x5 " " " " " "	22.50	36x12x6 " " " " " "	13.50
Made of Moisture Proof Board for Violets and Corsages		36x12x6 " " " " " "	17.10	For Designs and Sprays		30x12x6 Telescope.....	\$15.00
7x4x4 2" covers.....	\$2.65	20x12x8 " " " " " "	14.25	30x12x6 " " " " " "	18.00	36x12x6 " " " " " "	18.00
8x5x5 " " " " " "	3.35	12x12x8 " " " " " "	12.80	20x12x8 " " " " " "	15.00	16x16x8 " " " " " "	14.75
10x6x5 1/2 " " " " " "	3.80	14x14x8 " " " " " "	13.50	16x16x8 " " " " " "	14.75	24x24x8 " " " " " "	22.50
12x8x5 1/2 " " " " " "	5.25	16x16x8 " " " " " "	14.25	24x24x8 " " " " " "	22.50	28x28x8 " " " " " "	28.50
		24x24x8 " " " " " "	21.35	24x14x8 " " " " " "	18.75	24x14x8 " " " " " "	21.75
		28x28x8 " " " " " "	27.00	30x14x8 " " " " " "	21.75	36x14x8 " " " " " "	24.05
		30x14x8 " " " " " "	17.80	36x14x8 " " " " " "	24.05	30x14x8 " " " " " "	17.55
		36x14x8 " " " " " "	20.60	40x14x8 " " " " " "	26.30	36x14x8 " " " " " "	20.20
		40x14x8 " " " " " "	22.75	42x17x8 " " " " " "	29.95	36x12x6 " " " " " "	16.20
			24.85	32x32x8 " " " " " "	37.55	24x14x8 " " " " " "	16.20

SAMPLES WILL BE SENT
AND
SPECIAL TRADE AND CASH
DISCOUNTS QUOTED
PROMPTLY ON REQUEST.

SPECIALS

We will sell these boxes at the prices listed as long as they last. We have only a few left. At the prices offered they will not last long, so place your order at once if you want your share. They are all the regular well-known "Arnold Quality" boxes. Special trade and cash discounts will be gladly quoted upon request.

PALM GREEN		PEERLESS GREEN	
For Violets and Corsages		For Cut Flowers and Designs	
7x 4x 2" cover.....	\$ 3.80	21x 8x4 2" covers.....	\$ 4.65
15x 6x5 Telescope.....	5.25	28x 8x4 " " " " " "	5.60
15x 7x6 1/2 " " " " " "	7.45	24x 4x3 Telescope.....	3.30
For Cut Flowers and Designs		18x 5x3 " " " " " "	2.90
18x 5x3 2" cover.....	\$ 3.25	21x 5x3 " " " " " "	3.35
12x12x8 Telescope.....	14.85	28x 8x5 " " " " " "	5.10
24x24x8 " " " " " "	22.50	30x10x5 " " " " " "	9.25
28x22x8 " " " " " "	26.00	30x12x6 " " " " " "	12.30
28x28x8 " " " " " "	28.50	36x12x6 " " " " " "	16.00

The "Old Favorite" Palm Green. Place your order now before they are all gone. The Designs and Violet sizes are a great bargain.

A very good looking shade of Light Green, slightly lighter weight quality than the Palm Green, but a very good box for local deliveries and a bargain at the prices offered.

PARCEL POST CONTAINERS	
	Per 100
24x 5x4 2 1/2" cover.....	\$ 4.50
30x 5x4 " " " " " "	5.00
28x 6x4 " " " " " "	6.00
24x 8x4 " " " " " "	5.75
28x 8x5 " " " " " "	6.50
30x12x6 3" " " " " "	15.50
36x12x6 " " " " " "	17.75
36x14x8 " " " " " "	20.00
40x14x8 " " " " " "	21.00
42x17x8 " " " " " "	24.00
24x24x8 " " " " " "	20.00
26x17x10 4" " " " " "	22.00
24x20x10 " " " " " "	22.00
24x24x10 " " " " " "	24.00
28x28x10 " " " " " "	30.00
30x30x9 " " " " " "	31.00

For Baskets and Potted Plants

12x12x15 " " " " " "	\$12.00
15x15x20 " " " " " "	20.00
18x18x25 " " " " " "	29.00
19x19x30 " " " " " "	33.50

The ideal packer for shipping. You will find these a great help in having your flowers arrive in fine condition. Waterproofed inside and out.



A. A. ARNOLD PAPER BOX CO.
1302 W. Division St.,
Chicago, - - - Illinois.

When cash is received with order we will allow a special 5 per cent discount in addition to regular trade discounts allowed.



Percy B. Rigby, of the S. S. Pen-nock-Meehan Co., will soon leave for a short stay in Florida, his primary object being to visit his father and other relatives, one being a grandmother who is 92 years old. The scientists who met here last week talked about America as the "melting pot" for alien races, but the Rigby family do not need to go into it. Their ancestors came to New England in 1620, Percy B. Rigby having been born in Connecticut.

J. K. Allen, who has seen longer service as a wholesaler than any man now in the business in this city, is well pleased with his holiday sales. He had a nice stock of poinsettia

plants, which sold well, and also a good variety of cut flowers.

George D. Nicholas, Seventh avenue and 123d street, has a fine store, the interior features being artistically arranged. He has been in business in this city for many years, has a fine education and artistic tastes.

N. Scafes, 501 Nostrand avenue, Brooklyn, had a fine Christmas business and was completely sold out of plants. J. Kontzias, his buyer, is a daily visitor in the wholesale cut flower district.

Walter F. Sheridan, another of the pioneer wholesalers, had a fine holiday stock, particularly of roses, and has had a steady run of business.

At George I. Laird's, 3014 Fulton street, Brooklyn, it was stated that holiday business had been good. He has both a fine store and a considerable glass area.

Hugh H. Jahn, 710 Nostrand avenue, Brooklyn, advises us that he had an excellent holiday trade. He has one of the best stores in that borough.

Tryforos Brothers, who have one store at 56 East 125th street and another at 489 Willis avenue, report good holiday business.

Joseph Vock, salesman in the Cut Flower Exchange for W. H. Siebrecht, has been quite ill, threatened with pneumonia.

A. F. F.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

\$30,000 worth of extra business last year through our catalog, by having agencies.

Every Florist is losing money that has not looked into this agency proposition. You can do as well as I have.

Write for our free Booklet No. 25. Address

ALPHA FLORAL CO., RALTMAN BUILDING, Kansas City, Mo.
Dept. R.

Mention the American Florist when writing

Chicago.

Established 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY
Mention the American Florist when writing.

St. Louis, Mo.

Wm. A. Seeger
Nat. M. Kingsley
Martin J. Seeger

Mullanphy Florists
(INCORPORATED)

Eighth and Locust Sts.
3514-16-20 N. Grand Av.

Telegraph orders filled on short notice in St. Louis and rest of Missouri.

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Albany, N. Y.

EYRES,

Flowers or Design Work.
Delivered in Albany and vicinity on telegraphic order.

106 STATE STREET.

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Max Schling

NEW YORK.

No. 22 West 59th Street

Adjoining Plaza Hotel

Member of the Florists' Telegraph Delivery.

Original Decorations a Specialty.

Branch:

THE VANDERBILT HOTEL

Main Phone, Murray Hill, 783
Branch " " " 1898

Park Ave. and
34th St.

Kottmiller

Member F. T. D.

426 Madison Ave.

And 49th St., NEW YORK

Chicago.

A. LANGE,

25 E. MADISON ST.

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For Rhode Island and Connecticut
STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

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Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street,

To out-of-town florists:
We are in the Heart of NEW YORK
And give special attention to steamer and theater
orders. Prompt delivery and best
stock in the market.

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Bangor, Me.

Adam Sekenger

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No. 32 NEWBURY STREET

We cover all points in Maine.

Mention the American Florist when writing.

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611 FIFTH AVE., COR. 49TH STREET.

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TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address; Alexconnell,
Western Union Code.

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ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.

Largest and most centrally located store in the city. All orders given prompt attention

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Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store. Greenhouses.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

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New York.

Established 1874.

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and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

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20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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HOLLYWOOD GARDENS

Seattle's Leading Flower Shop

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Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

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Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

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FLORIST

536 SOUTH SALINA STREET
General designs—All flowers in season

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INC.**NEW YORK** 561 Fifth Ave.**BOSTON** 1 Park Street
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Deliveries to steamers and all Eastern Points.

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H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

**LOUISVILLE, KY.****THE F. WALKER CO.**

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Denver, Colo.

The Park
Floral Co.

J. A. VALENTINE,
President.

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Canada's best known and most reliable florist

Only the Best Dunlop's

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee
safe arrival.

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John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.**High Grade Cut Blooms**

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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In the Heart of the most exclusive residential section.

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PHONES:
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IN THE CENTER OF IOWA

**J. S. Wilson Floral Co.**

We cover all points in Iowa.

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THE J. M. GASSER COMPANY,**CLEVELAND**

EUCLID AVENUE

Members of Florists' Telegraph Delivery.

Washington, D. C.

Blackstone.

14th and H. Street.

Flowers Delivered Anywhere. Phone, 196 ord.

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—Florist—

710 Nostrand Avenue

Corner Prospect Place, BROOKLYN, N. Y.

Brooklyn Representative of National Floral Corporation.

Philadelphia, Pa.

M. J. CALLAHAN
FLOWERS

3924 Market Street Both Phones

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr.
Wire, Write or Phone West 822
Member of Florists' Telegraph Delivery.

Brooklyn, N. Y.
JOSEPH TREPEL

BROOKLYN'S LARGEST FLORIST
SEVEN STORES

Main store—334 Lewis Ave., No. 1150 Bedford
Telephone
Telegraph orders delivered to all parts of New York City, Brooklyn and Long Island.

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heint)

336 Superior St., Toledo, O.
Both Phones, 527.

Special attention to Mail and Telegraph Orders
Member of Florists' Telegraph Delivery.

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**J. B. KELLER SONS,
FLORISTS**

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Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City

Duluth, Minn.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota. Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

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**Robt C. Kerr
Floral Co.**

Main and McKinney Phone, Preston 160

LEWIS HENDERSON, Florist
1814 Douglas St., OMAHA, NEB.

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N. F. HIGGINS

FLORIST AND DECORATOR

150 State St., SPRINGFIELD, MASS.

HANFT BROS.

NEW YORK.

—Established 1848—

Madison Ave., at 62nd St.
PHONE PLAZA 428.

The Boulevard Floral Co. 2391 Broadway, New York

Telephone, Schuyler 6875

FINE STOCK, ARTISTIC ARRANGEMENT AND PROMPT DELIVERY.

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Special attention paid to telegraph orders in Chicago and vicinity. One of our stores is located in the heart of the city and the other in the select north side residential district.

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We grow All kinds of Decoration
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PYFER & OLSEM

WILMETTE, ILLINOIS

Careful attention to all mail or telegraph orders for delivery in Wilmette—Chicago's North Shore Suburb—Evanston, Kenilworth Winnetka. Glencoe. Lake Forest.

New York.

Established 1848

David Clarke's Sons

2139 2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most carefully executed.

Kansas City, Mo.

**A. Newell
FLORIST**

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

New York.

DRAKOS CO.

FLORISTS

2953 Broadway, Opp. Columbia College

Members of Florists' Telegraph Delivery.

—TRY—

Hession

Madison Ave. and 76th St.,
NEW YORK

For "QUALITY" Flowers

Over forty years, doing one thing better and better each year, guarantees your order being attended to promptly and efficiently. Two greenhouses attached.

Plant Specialists Phones { 107
420 } Lenox
775

Member of Florists' Telegraph Delivery.

DANKER

ALBANY, N. Y.

Member Florist Telegraph Delivery.

Cincinnati

Julius Baer

FLOWERS

Mail and Telegraph Orders carefully executed.

138-140 Fourth Street East

Miami Floral Co.,

Orders promptly filled.

MIAMI, FLORIDA.

Sedalia, Missouri.

Archias Floral Co.

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

Member of Florists' Telegraph Delivery.

Lang Floral & Nursery Co., Dallas Texas

1303 Main Street

Write or wire headquarters for flowers for Texas Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Telephone 1813 Main JOS. LEVY
BROOKLYN
Cut Flower Market, Inc.
Floral Designs a Specialty
356 FULTON STREET
BRANCH: 408 Fulton St.
BROOKLYN, N. Y.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members of Florists' Telegraph Delivery.

PHILIPS BROS, 938 Broad St.
NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

**Wolfskill Bros. and
Morris Goldenson**
Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount.
229 WEST THIRD STREET

Kansas City, Mo.

Samuel Murray,
1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Little Rock, Ark.

PAUL M. PALEZ
FLORIST

All orders carefully filled and delivered to all parts
of the city, Arkansas and the Southwest.

St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Avenues.

Flowers delivered in city and state on short notice
Member of Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully
cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS

Members of Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members of Florists' Telegraph Delivery.

Steubenville, Ohio.

Huscroft's Flower Shop

173 North Fourth Street

All Orders Promptly Executed

Cleveland, O.

The Smith & Feters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Friedman

...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO

**SAN FRANCISCO
JOSEPH'S**

233-235 GRANT AVENUE

Members of Florists' Telegraph Delivery and National
Florists for this District. A specialty made
of "Welcoming" and "Bon Voyage" packages.

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery
in this section from the

LEADING FLORISTS OF THE NORTHWEST

**FRED
FOSTER
LORIST**

703 Olive St., St. Louis, Mo.

Pittsburgh, Pa.

MRS. E. A. WILLIAMS

621 Penn Ave.

CHARLES L. SCHMIDT

313 Market St., Harrisburg, Pa.

Night and day service in all Central Pennsylvania.

E. W. PEARSON

47 State St., NEWBURYPORT, MASS.,

Covers all New England points.

**KANSAS CITY,
MISSOURI.**

Rock's
FLOWERS

Members Florists' Telegraph Delivery Ass'n.

CHICAGO

Mangel
The
Palmer House
Florist
17 E. MONROE ST.

C. H. FREY Wholesale
and Retail
Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

Send Telegraph, Telephone or Mail Order.
for florist service in this vicinity to

THE DOMINION FLORAL CO.

484 St. Catherine's St., West

Montreal, Que., Canada

Every order receives prompt and careful attention

C. Trauenerfeldt
FLORIST

3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

For Wisconsin Delivery

OF

"Home Grown Flowers"

Get in touch with

J. E. MATTHEWSON, SHEBOYGAN,
WISCONSIN.

Member of Florists' Telegraph Delivery.



GUDE BROS. CO.
FLORISTS
1214 F ST. N.W.
WASHINGTON, D.C.

**WASHINGTON
D. C.**

Gudes'

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

**DES MOINES IOWA
ALFRED LOZIER ROSERY**

Mention the American Florist when writing.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Pueblo, Colo.

D. M. McMurray
FLORIST
105 East Abriendo Ave.

Send Telegraph, Telephone or Mail orders for florist service in this vicinity to

Howard & Smith
853 So. Olive St., Los Angeles, Calif.
Every Order sure to receive prompt and careful attention.

WORCESTER, MASS.

Randall's Flower Shop,
13 Pleasant Street.

Member of Florists' Telegraph Delivery.

New York.

G. E. M. STUMPP
761 Fifth Avenue
Member of Florists' Telegraph Delivery.

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of Florists' Telegraph Delivery.

VAN METER FLOWER SHOP
SPRING and HIGH, **Springfield, O.**
BEST FLOWERS for EVERY OCCASION.

Williamsport, Pa.
EVEN DEN BROS. CO.
Largest Growers in Central Pa.
Members of Florists' Telegraph Delivery.

Boston, Mass.

HENRY R. COMLEY, Florist, 6 Park St.
50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

John C. Hatcher
Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Hoffmans, N. Y.

FREY & FREY,
1338 O Street, **LINCOLN, NEB.**
WHOLESALE AND RETAIL.
Members of Florists' Telegraph Delivery.

El Paso, Texas.
Potter Floral Co.
Members of Florists' Telegraph Delivery.

Boston, Mass.

Penn The Florist

"Penn, The Telegraph Florist"
Member of Florists' Telegraph Delivery Ass'n.
124 TREMONT STREET

Chicago Detroit
CENTRAL FLORAL CO.
132 North State Street, CHICAGO, ILL.
35 Broadway, DETROIT, MICH.

Special attention given to telegraph and mail orders for delivery in either city and adjoining territory. Both of our stores are located in the heart of each city, which means quick and efficient service to theatres, hotels, depots, etc. Our Chicago store is located opposite Marshall Field & Co.'s retail establishment and one block from the Great Central Cut Flower Market.

GEORGE RYE
"Some Florist"
The Plaza, Ft. Smith, Ark

DULUTH FLORAL CO.
200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis

Newark, Ohio.
CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.
Mention the American Florist when writing

TERRE HAUTE, IND.
THINK OF HEINL'S

Mention the American Florist when writing

Rockford, Ill.
H. W. BUCKBEE.

Member of Florists' Telegraph Delivery.
Mention the American Florist when writing

St. Louis, Mo.
WIRE
Grimm & Gorly
Mention the American Florist when writing.

Augusta, Me.
F. A. ROBBINS, Florist
122 WINTHROP STREET
We deliver in Maine and all New England points.
Mention the American Florist when writing.

LOUISVILLE, KY.

AUGUST R. BAUMER,
MASONIC TEMPLE
Member of Florists' Telegraph Delivery.

Cleveland, O.
A. Graham & Son
5523 Euclid Ave.

Members of Florists' Telegraph Delivery.
Mention the American Florist when writing

Cincinnati, O.
HARDESTY & CO.,
THE BEST THAT GROWS
Experts to Arrange Them.
150 E. Fourth St.

Mention the American Florist when writing

Washington, D. C.
GEO. H. COOKE
FLORIST
Connecticut Avenue and L Street
Mention the American Florist when writing

Buffalo, N. Y.
S. A. ANDERSON
440 Main Street, Buffalo, N. Y.
Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.
Members of Florists' Telegraph Delivery.

Randolph & McClements
Floral Experts
5936 Penn Av., PITTSBURGH, PA.
Mention the American Florist when writing

DAYTON, OHIO
16 and 18 W. 3rd St.
Matthews the Florist
Established in 1883.
Greenhouses and Nurseries in Riverdale.
Mention the American Florist when writing

PROVIDENCE, R.I.
and all T. J. JOHNSTON & CO.
NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE
Mention the American Florist when writing.

Dwarf Gladiolus

	Per 1000
Cardinalis Blushing Bride.....	\$5.00
“ “ Peach Blossom.....	6.00
“ “ Crimson Queen.....	4.50
“ “ Queen Wilhelmina...	5.00
“ “ Mixed.....	3.00
Colvillei Rubra	4.00
“ Alba “The Bride”.....	5.00
“ Rosea	4.50
Ramosus Ne Plus Ultra	6.00

Lily of the Valley Pips

(NEW CROP)

BERLIN OR HAMBURG

Cases of 1000 pips.....	\$17.00 each
“ “ 500 pips.....	9.00 each

Lilium Longiflorum

Giganteum

(BLACK STEM.)

7 to 9 in	Per 1000 \$30.00
All 8 in., selected	35.00

J. M. THORBURN & CO.
53 Barclay Street, through to 54 Park Place
NEW YORK CITY.

CYCLAMEN SEED

A SPECIALTY.

FINEST QUALITY ONLY.

Mixed colors or separate varieties.

KELWAY & SON, Growers of all
Choice Seeds.
Langport, England.

Big Seed Company Is Distributing
New Catalogue.

AGGELER & MUSSER SEED COMPANY, OF
LOS ANGELES, ISSUE 24TH ANNUAL
BOOK.

One of the largest seed houses in the West, The Aggeler & Musser Seed Company, Sixth and Alameda streets, Los Angeles, have just received the first edition of their new 1917 catalog, and are giving it broadcast distribution. This is their 24th Annual Catalog, and it certainly surpasses any previous edition.

It contains many new features such as hints to the home vegetable gardener, how gardening may be made easy, etc. In fact, the supplementary booklet, called the “Garden Manual,” which heretofore has been printed separately, is this year incorporated in the big Annual, and is claimed to be one of the most complete seed books published. It contains answers to more than 1,000 questions and gives information regarding all varieties of plants listed and is fully illustrated. Not only does it tell all about seeds, but gives full data concerning the correct tools and implements agriculturists should use to obtain the best results. Valuable hints on Poultry, Spraying, Fertilizing, and the use of Insecticides are also given.

The Aggeler & Musser Seed Company will gladly send this descriptive, illustrated and interesting catalog free and postpaid to anyone writing and requesting it.

Asparagus Plumosus Nanus

Greenhouse Grown Seed

1,000 Seeds, \$3.50 10,000 Seeds, \$32.50

Californian Grown Seed

1,000 Seeds, \$2.50 10,000 Seeds, \$22.50

5 per cent discount, Cash with order.

ARTHUR T. BODDINGTON CO., Inc.

128 Chambers Street,

NEW YORK.

BEANS, PEAS, RADISH

AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write or prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St., Telephone Main 2762.

CHICAGO

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT,

NEBRASKA

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip,
Radish, Beet, Etc.

Branches: Michigan,
Wisconsin and Idaho.

MILFORD, CONN.

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

The L. D. Waller Seed Co.

Gaudalupe, California

Wholesale Growers of

FLOWER SEEDS, SWEET
PEAS AND NASTURTIUMS

Correspondence Solicited.

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Contract Seed Growers

Specialties: Pepper, Egg plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N .

JAP LILY BULBS

AT IMPORT PRICES.

GIGANTEUM, 7-9, 8-10, 9-10, 10-11.

MULTIFLORUM, 7-9, -10.

AURATUM, 7-9, 9-11.

ALBUM, 9-11.

RUBRUM, 7-9, 8-10, 9-11.

MELPOMENE, 9-11.

Giganteum, 7-9, 8-10 and 9-10 also offered
f. o. b. Chicago and London. Ont.
Write for prices and details, stating quantity
desired.

McHUTCHISON & CO., THE IMPORT
HOUSE.
95 Chambers St., NEW YORK.

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1917 crop.

Sioux City Seed & Nursery Co.
Established 1883.

S. M. Isbell & Co.

JACKSON, MICH.

Contract Seed Growers

Beans, Cucumbers, Muskmelon,
Watermelon, Squash, Sweet Corn.

Michigan-grown Radish our Specialty.

Correspondence Solicited.

BARNARD'S
Seed Store
231-235 W. Madison St.
CHICAGO.

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President;
F. W. Bolgiano, Washington, D. C., First
Vice-President; L. L. Olds, Madison, Wis.,
Second Vice-President; C. E. Kendel, Cleve-
land, O., Secretary and Treasurer. Thirty-
fifth annual convention, June, 1917.

CANDYTUFT, annual sorts and mixed,
are among the short items this year.

VISITED Chicago: L. W. Wheeler, of
the Pieters-Wheeler Seed Co., Gilroy,
Calif.

CALIFORNIA had four inches of rain
December 20, which makes the crop
prospects good.

F. H. HENRY, of Henry & Lee, New
York, will celebrate the forty-eighth
anniversary of his birthday, January
11.

CHICAGO.—Prices for grass seed on
the Board of Trade January 3 were as
follows: Timothy, \$4.00 to \$5.75 per
100 pounds.

THE annual convention of the Na-
tional Canners' Association will be held
at the Hotel Statler, Cleveland, O.,
February 5-12.

ARNOLD RINGIER, of the W. W. Bar-
nard Co., Chicago, accompanied by
Mrs. Ringier, expects to leave for Cali-
fornia, January 6.

PEA and bean growers in Idaho dis-
tricts have prospered the past five
years, not only in profitable growing
contracts, but in added land value.

THE cover of Peter Henderson & Co.'s
new catalogue shows a view in colors
of General Andrew Jackson's garden
at "The Hermitage," near Nashville,
Tenn.

HARRY A. BARNARD, the well known
representative of Stuart Low & Co.,
London, Eng., reached home Novem-
ber 19 and his many American friends
will regret to learn that he has been
ill with influenza since his return.

LOMPOC, CALIF., produces the largest
bean crops but the value of commer-
cial beans is so great that the grow-
ers do not care to raise green-pod gar-
den sorts under 10 or 12 cents per
pound, which is too high for eastern
seedsmen.

SAN FRANCISCO, CALIF.—The busi-
ness of the McGill Seed Growers' Co.,
has been taken over and will be con-
ducted by Wm. A. Cox, under his own
name. Mr. Cox was president and prin-
cipal stockholder of the former concern,
R. C. McGill retiring.

NEW YORK.—Among those in attend-
ance at the seed analysts' annual con-
vention, held in this city, were Miss
Jessie L. Anderson, J. Henry Roy-
eux and Morris Robinson, represent-
ing J. Bolgiano & Son, Baltimore, Md.—
Vaughan's Seed Store is handling early
cured new crop tuberoses in carload
lots.

FREIGHT congestion is universal, even
exceeding the unfortunate holiday ex-
press record. Carload shippers and
importers of nursery stock, east and
west, advise us that delays of 10 days
and two weeks are common, even on
short hauls. Most recent shipments
have come in frozen. By thawing slow-
ly at 35 to 40 degrees it is hoped to
save the stock.

THE Harris Bros. Seed Co., bean
growers and dealers of Mt. Pleasant,
Mich., is mailing customers a bean
scarf pin with the following card: "The
world is topsy turvy, we say; Indeed,
we swear it! When diamonds are
bought by the bushel; And beans are
sold by the carat. If you would be
stylish, wear it; If you would be rich,
plant it; If you are hungry, eat it."

NARCISSUS PAPER WHITE bulbs are
said to be still available in several cit-
ies. It is evident that jobbers, feeling
the shortage of 1915, started early to
secure liberal quantities for 1916, and
the high prices incident to these trans-
actions caused slow sales in view of
the early oversold state of the big buy-
ers, the florist forcers, many of whom,
under clever urging, contracted larger
stocks than usual.

VAPORITE, recommended for the kill-
ing of wire worms, was the subject of
a recent lawsuit in England, a farmer
refusing to pay for the insecticide sup-
plied by the dealers on the ground
that it did not kill wire worms on his
land. The jury found there was no
specific guarantee in respect of the
vaporite sold to the defendant and a
verdict was returned in favor of the
dealers for the amount claimed with a
stay of execution.

Potato Quarantine Amended.

Hereafter shipments of potatoes from
the Dominion of Canada certified by
the shippers to be as sound as is com-
mercially practicable and to contain
no more than 10 per cent of tubers
showing traces of disease will be ad-
mitted at any port of entry of the
United States, instead of at certain
designated ports only, as in the past.
The shipments, if accompanied by cer-
tificates of soundness as provided, will
not be held by collectors of customs
for inspection, except on special noti-
fication from the federal horticultural
board. An order amending the rules
and regulations of the potato quaran-
tine to this effect has just been issued
by the Secretary of Agriculture.

Under the amended regulations the
importer must apply to the federal
horticultural board for a permit for
importation of potatoes as at present,
designating the desired port of entry.
The foreign shipper must enter the
number of such permit on his certi-
ficate of soundness. The federal horti-
cultural board has prepared and will
send to all applicants for permits forms
for shippers' certificates of soundness.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.
Correspondence
Solicited.

Catalogues Received.

Charles H. Totty, Madison, N. J.,
roses, carnations and hardy perennials;
Henry F. Michell Co., Philadelphia,
Pa., seeds, bulbs, plants and fertilizers;
J. Bolgiano & Son, Baltimore, Md.,
seeds; Peter Henderson & Co., New
York, seeds, bulbs and plants; Aggeler
& Musser Seed Co., Los Angeles, Calif.,
seeds; Griffing's Nurseries, San Ben-
ito, Tex., nursery stock; Peth & Dug-
gan, New York, seeds; The Barteldes
Seed Co., Lawrence, Kans., seeds; W.
W. Wilmore, Denver, Colo., dahlias;
Anton Schultheis, New York, plants;
Philadelphia Lawn Mower Co., Phila-
delphia, Pa., lawn mowers; Studebaker,
South Bend, Ind., garden implements.
Kelway & Son, Langport, Somerset,
Eng., seeds; Vilmorin-Andrieux & Co.,
Paris, France, seeds; Watkins & Simp-
son, London, Eng., seeds; F. H. Brun-
ning, Melbourne, Australia, fodders;
Sluis & Groot, Enkhuizen, Holland,
seeds; R. Wallace & Co., Colchester,
Eng., plants, bulbs and shrubs; Rou-
manille LaFayette Pere & Fils, Saint-
Remy-De-Provence, France.

Imports at New York.

During the week ending December 30th, im-
ports were received at New York as follows:

From Marseilles, France—
T. C. Power Co., 250 bbls. seed.
Vaughan's Seed Store, 15 bags seed.
To order, 628 packages seed, 8 bbls. roots.
From London, England—
McHutchison & Co., 16 cases rose stocks.
From Leith, Scotland—
Barteldes Seed Co., 90 bags marigold seed.
S. D. Woodruff & Sons, 2 bags cabbage
seed, 60 bags marigold seed.
Peter Henderson & Co., 40 bags manure.
A. T. Boddington Co., 100 bags manure.
From Rotterdam, Holland—
Stumpp & Walter Co., 1 can seed, 32 cases
bulbs.
Peter Henderson & Co., 180 bags seed.
Burnett Bros., 2 cases bulbs.
M. Van Waveren & Sons, 40 cases plants,
etc.
To order and to others, 42 cases and 89
packages bulbs, 13 cases plants, 93 cases and
77 packages roots, 82 bags seed.
From Bordeaux, France—
Vaughan's Seed Store, 11 cases plants.
P. C. Kuyper & Co., 4 cases plants.
McHutchison & Co., 54 cases plants.
From Bristol, England—
Botzum Bros., 18 bags seed.
From Liverpool, England—
McHutchison & Co., 10 cases plants.
Imports entered for consumption at port of
New York, for week ended December 22, 1916,
were as follows: Red clover seed, \$6,583;
other clover seed, \$4,863; other grass seeds,
\$1,275; all other seeds, \$21,454; bulbs, \$39,044;
plants, \$28,023; mushrooms, \$14,888.

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids,

Mich.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT,
PARSNIP, PARSLEY, CELERY, ENDIVE, SALSIFY, NAMED AND MIXED
GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Company

Dreer's Double Petunias

Our Usual Celebrated Strain.

15 varieties, 3 inch pots.

75c per dozen; \$6.00 per 100; the set of 15 sorts, \$1.00.

Seeds of Our Own Saving.

Superb Double Fringed, 75c per 500 seeds;
\$1.50 per 1000 seeds.

Superb Single Fringed, 50c per trade packet.

Henry A. Dreer

714-716 Chestnut St., Philadelphia, Pa.

The above prices are intended for the trade only.



Dreer's Double Fringed Petunia.

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write
JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

THE KIMBERLIN SEED CO.
WHOLESALE SEED GROWERS
SANTA CLARA, CAL.

Growers of
ONION, LETTUCE, RADISH, ETC.
Correspondence solicited.

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Asters,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Cereals, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.

GARDEN SEED

Beet, Sweet, Corn, Garden Beans, Onion Sets,
and Seed Potatoes in variety. Also other items
of the short crop of this past season, as well as a
full line of Garden Seeds, will be quoted you upon
application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK
and Orange, Conn.

Palms and Ferns

We have a large and fine stock for the present
trade, and can give exceptionally good value.

FERNS—Scottii, 4-in. pots, 20c; 5-in. pots, 30c; 6-in. pots, 50c; 7-in. pots, 75c. Teddy, Jr., 6-in. pots, 50c; 7-in. azalea pots, 75c; 8-in. pots, \$1.00 each. Boston Ferns, 6-in. azalea pots, 40c; 6-in., extra heavy, 60c; 7-in. pots, 75c; 8-in., \$1.00. Neph. Whitmani, 6-in. pots, 50c; 7-in. pots, 75c.

KENTIAS—Kentia Belmoreana, 4-in. pots, 40c; 5½-in. pots, 18 in. high, 75c; 6-in. pots, 22 in. high, \$1.00; 6-in. pots, 24-26 in. high, \$1.25; 7-in. pots, 28 in. high, \$1.50 each. Kentia Forsteriana, 4-in. pots, 40c; 5½-in. pots, 75c; 6-in. pots, 5-6 leaves, 26 in. high, \$1.00; 6-in. pots, 30 in. high, \$1.25; 6-in. pots, 32 in. high, \$1.50; 7-in. pots, 38 in. high, \$2.00 each.

Areca Lutescens, 6-in. pot, made up, 3 ft. high, 3 plants in a pot, \$1.50 each.

CASH WITH ORDER, PLEASE.

We have a large stock of Azaleas, Rhododendrons and
Hydrangeas for Easter forcing. Write for prices.

GODFREY ASCHMANN

Importer, Wholesale Grower and Shipper of Pot Plants

1012 West Ontario Street,

PHILADELPHIA, PA.

Fancy Caladium Bulbs

20,000 fine well developed bulbs in 49
named leading sorts at \$10.00 per 100
Delivery January, February.

Tampa Floral Co., TAMPA, FLA.
ANTON FIEBE, Prop.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

CONTRACT GROWER of

Cucumber and Muskmelon Seed

I offer Pure Stock, Personal Service Intimate
Knowledge of Stocks and Local Conditions.

Good Deliveries and Moderate Prices.

R. H. JAMES, Rocky Ford, Colo.

James Vick's Sons

ROCHESTER, N. Y.

Seedsman, Nurserymen, Florists

SEEDS
PLANTS
BULBS

All the leading
kinds for spring
and summer planting.

Ask for Florist's Catalogues.

All Florists' Stock in Season.



The Dwarf Pearl Tuberoze.

TUBEROSES --- True Dwarf Pearl.

Carload lots of bulbs are in warehouse,
frost free, and ready for shipping. Per 1000
First Size, 4-6 inches \$9.00
Medium Size, 3-4 inches 5.00

GLADIOLUS

Double your returns by planting between the
carnations as a catch crop. Grown by us.

	Per 1000
Mrs Francis King, 1st Size	\$12.00
Augusta, "	13.00
America, "	12.00
Chicago White "	18.00
Florist XXX Mixed "	16.00

We can also supply "Medium Size"
bulbs of the above varieties.
1917 Prices on all leading kinds are ready.

Hardy Lilies

Just arrived in fine order.

	Per 100	Per 1000
Lilium Auratum (160 to case)	\$5.50	\$48.00
Lilium Auratum, 9-11 in. (100 to case)	8.00	75.00
Lilium Rubrum, 8-9 in. (160 to case)	5.50	50.00
Lilium Rubrum, 9-11 in. (100 to case)	9.00	85.00
Lilium Album, 9-11 in. (100 to case)	12.00	100.00

Lilium Formosum

	Per 1000
6 to 8-inch, (350 to case) regular strain	\$35.00
6 to 8-inch (350 to case) true black stem variety	40.00

Gladiolus Colvillei

	Per 1000
The Bride	6.00

Spanish Iris

	Per 1000
Named varieties, 4 separate colors	\$6.00

"JOSS" LILIES, Chinese Narcissus, per
mat, (120 bulbs), \$3.00 at Chicago.
In New York, \$3.50.



Spiraea (Just in)

	Per 100
America, Lilac Rose	\$11.00
Avalanche, White	12.00
Gladstone, White	10.00
Queen Alex., Pink	11.00

Valley (New Crop)

	Per 1000
Pips, Hamburg, Holland Grown	\$20.00
This stock proved very satisfactory last season.	
Clumps, per 100	\$20.00

Lilium Giganteum

	NEW CROP	Per 1000
6 to 8-inch (400 to case)		\$30.00
7 to 9-inch (300 to case)		45.00
8 to 9-inch (250 to case)		65.00
9 to 10-inch (200 to case)		88.00

CHICAGO

VAUGHAN'S SEED STORE,

NEW YORK

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomedale Farm. Bristol, Pa.

Lilium Giganteum

7-9 in. and 9-10 in., for immediate delivery.

Write for Prices.

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of
Pedigree Tomato Seeds Baltimore, Md.

My New PRICE LIST of

Winter Orchid-Flowering Sweet Pea Seed

Has been mailed. If you have not received a
copy, send Postal for it.

Part of new crop is ready now.

Ant. C. Zvolanek, Lompoc, Calif.

Kelways RENOWNED Seeds

One Quality Throughout
THE BEST

Medal of Honor Panama Exhibition, 1915. LATEST AWARD—Royal Horticultural
Society's GOLD MEDAL, 1916. If not already in your hands, WRITE NOW for our new
1917 Catalogues of Garden, Farm and Flower Seeds, containing many NOVELTIES
of STERLING MERIT which should be catalogued by every enterprising SEEDSMAN.
REAL INDEPENDENT PRICES.

Catalogues and SPECIAL FORWARD PRICES sent free to genuine SEED DEALERS.

KELWAY & SON, Wholesale
Seed Growers. Langport, Eng.

Mention the American Florist when writing

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed
and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
Solicited. SWEDSBORO, N. J.

Mention the American Florist when writing

American Bulb Co.

A. Miller, President.

WHOLESALE DEALERS IN

Bulbs, Seeds, Supplies, Etc.

178 N. Wabash Ave., Chicago, Ill.

Mention the American Florist when writing.

Grass Mixtures

FOR

Golf-Tennis-Polo

MEET ALL REQUIREMENTS FOR ALL SOILS

The Albert Dickinson Co.,
CHICAGO, ILL.

Mention the American Florist when writing.

THE

J.C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Canta-
oupe, Watermelon, Squash and Pumpkin
seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing.

Market Gardeners

Vegetable Growers' Association of America.

H. W. Selby, Philadelphia, Pa., President;
H. F. Thompson, Arlington, Mass., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; Eugene Davis, Grand Rapids,
Mich., Treasurer.

Next annual convention will be held at
Springfield, Mass., in 1917.

Prices of Indoor Fruits and Vegetables.

Chicago, Jan. 2.—Mushrooms, home grown, 40 to 60 cents per pound; lettuce, small cases, 25 to 30 cents; radishes, 75 to 80 cents, dozen bunches; celery, 75 cents to \$1.25, open crate; tomatoes, 10-lb. baskets, \$1.00 to \$2.00; cucumbers, per 2 dozen box, \$2.00 to \$2.75.

New York—Celery, per crate, \$2.00 to \$4.50; cucumbers, 60 cents to \$1.50 per dozen; mushrooms, 75 cents to \$1.65 per 4-lb. basket; tomatoes, per lb., 10 to 25 cents; radishes, per 100 bunches, \$3.00 to \$5.00; lettuce, per strap, 25 cents to \$1.00.

Potato Prices at New York.

Potato prices at New York December 30, were as follows: Bermuda, No. 1, bbl., \$7.00; No. 2, bbl., \$5.00 to \$5.75; No. 3, bbl., \$3.50 to \$4.00; Long Island, bbl. or bag, \$5.25 to \$5.75, per 180 lbs., \$5.50 to \$6.00; Maine, per 165 lbs., \$5.00 to \$5.35; Maine, in bulk, 185 lb. bag, \$5.25 to \$5.50; Canadian, 165 lb. bag, \$4.75 to \$5.25; Canadian, 180 lb. bag, \$5.25 to \$5.50; state, per 180 lbs., \$4.75 to \$5.25; Virginia late crop, per bbl., \$4.50 to \$5.25; 165 lb. bag, \$4.75 to \$5.00; Virginia, late crop, per bbl., \$4.50 to \$5.25; frozen, \$2.00 to \$4.00; Sweets, southern, per bbl., — to —; per basket, 90 cents to \$1.50; Jersey, No. 1, per basket, \$1.60 to \$1.85; No. 2, per basket, \$1.00 to \$1.25; Yams, southern, per bbl., \$1.25 to \$2.25.

Boom Times in Aroostook.

What tales of plethoric affluence are coming down from the banks of the Aroostook these days! Every mail and every breeze brings them—such tales of unprecedented agricultural prosperity as no other part of the country can tell, unless it be the most golden section of the golden grain belt. Aroostook has had big potato crops and high prices before—they have made it known as the richest agricultural county in the whole country—but no season like this one. Houlton, the shire town and trade outlet, with about 7,000 population and 1,600 telephones, unblushingly puts forth the claim that it is the richest town on the map, except our own Brookline, where not a few Aroostook people find it pleasant to spend their winters.

A Houlton statistician figures that fully \$100,000 daily is coming into the county from potato sales and has been for weeks. The 100,000 acres planted to potatoes in the county have yielded some 10,000,000 barrels, and with potatoes selling at the local stations at \$4 and even more a barrel you can figure it out for yourself. You hear of farmers who are cleaning up from \$10,000 to \$20,000 on the crop, of one who has just refused \$88,000 for his 22,000 barrels, of two sisters who cleaned up \$18,000 on their brother's

farm, which they took over for the season; of one farmer who has paid off a \$13,000 mortgage from his profits, of farms that are being sold for \$30,000 and of many others that could not be bought for \$50,000.—Boston Herald.

Providence, R. I.

HOLIDAY TRADE HIGHLY SATISFACTORY.

Christmas business in this city was very good, all retail stores being rushed to their capacity. Everything sold well and there was a heavy demand for plants. In cut flowers, roses, carnations and poinsettias were the leaders. Violets, although limited in supply, enjoyed a good call and many more could have been disposed of had they been available. In plants, begonias, araucarias, ardisias, crotons, azaleas and fern palms sold fast. The weather was good and taking all in all the business was a hummer. The weather on New Years was cloudy, causing an advance in prices and a shortage of stock. Carnations are bringing good prices and violets continue in short supply, but sweet peas are beginning to make their appearance. Easter lilies are of good quality and are moving well. Pansies, marguerites and bouvardias are selling well. Wholesale prices on cut flowers during the holiday season seemed higher than ever before, but the quality was good and the stock was sold almost before it was cut from the plants.

NOTES.

T. J. Johnston & Co. are now located in their new store on Washington street, where they have much more commodious quarters than before. The store is roomy and imposing in appearance, with a balcony and good windows for display purposes. It is a welcome addition to the retail shops in this city.

The excellent displays of both cut flowers and plants made by the various flower shops helped sales very much and were a factor in the cleanup that resulted. The Westminster Greenhouses had one of the finest displays seen here, plant baskets being a feature.

The evergreen men at the bridge had a very prosperous season. Prices were high but stock sold fast and there was little complaint from the public.

Samuel Resnick, of the Joseph Koppelman Co.'s force, is still confined to the hospital, but is much improved in health and is expected home soon.

H. A. T.

TULSA, OKLA.—The Boston Flower Shop, opened recently, reports good business.

MONTREAL, QUE.—A fern house, 25x125 feet, is being added at the range of E. J. Hayward.

SEATTLE, WASH.—Geo. Bates, formerly of St. Paul, Minn., is now associated with Rosaia Bros. of this city.

Columbus, O.

UNUSUALLY BUSY HOLIDAY WEEK.

There is very little fault to be found with existing trade conditions. Social events during the holiday week have kept florists unusually busy, and the outlook is for a continuance of large demand from the same source. One important factor has been the good rose crop, the large variety and the prolific cuttings as well as the fine quality, giving richness to displays. Some scarcity is beginning to develop in low-priced roses. Carnations approach the glut stage nearer than any other flower, but are still bringing \$1 a dozen. Sweet peas are at the other extreme, and could be moved in greater quantity if they were to be had. Violets are in ample supply at \$1 per 100. Pot plants have not recovered from the cleaning up of the Christmas trade, primroses and cyclamens being the mainstay. The former are not of normal quality, as they run more to leaf than to bloom. Roman hyacinths are coming in, and sell for 75 cents a dozen. With time to review their Christmas trade, florists are enthusiastic over the showing. Cut flowers, pot plants and fancy basket creations played a much more important part in gift giving than was anticipated. One shop which ordinarily has a force of 10 people, kept 30 busy Christmas week, working until nearly midnight. Another large dealer reports having more than doubled the rose sale of last year. Funeral work, though fair, is just now a secondary feature.

NOTES.

The Hartman Floral Shop, which opened during the past summer, has gone out of business, as a result of financial troubles. The owner of the Hartman Theatre building, in which it was located, brought action against Sam Graff, the proprietor of the shop, in the sum of \$317 for rent due. Mr. Graff owns another shop on Gay street, which has been in operation for several years. The newer location did not prove to be a good one. A former venture at the same place by another florist failed to make good. J.

ENORMOUS PROFITS

START GROWING MUSHROOMS
Learn the latest authoritative way to make still bigger profits than you ever thought possible or ever made growing mushrooms. Add \$10 to \$75 a week to your income. Florists make money using space under benches in greenhouses. Use spare time. Mushrooms command high prices, especially now. Start now. Demand bigger than supply. Send for big free book of expert authority. "The Truth About Mushrooms." Bureau of Mushroom Industry, Dept. 335, 1612 N. Clark St., Chicago.

Mushroom Growing

By B. M. Duggar.

Presenting accurately the requirements for success.

260 pages, cloth, fully illustrated, Price, \$1.50.

American Florist Company
440 S. Dearborn Street, Chicago

TO THE TRADE.

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuce, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, Pansies, Phloxes, Primulas, Scabiosa Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES—(mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ⅓ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

To Grow on for
EASTER

CLIMBING ROSES

Field-Grown
Extra Strong

We offer the following list of **EXTRA STRONG FIELD-GROWN** stock that will make **FINE PLANTS FOR EASTER** if started cool.

3 YEAR OLD.

Excelsa—"Red Dorothy Perkins."
Delight—Bright carmine flowers; base of petals, white.
Dorothy Perkins—Beautiful shell-pink.
Flower of Fairfield—Everblooming Crimson Rambler.
Hiawatha—Single crimson, lighter center.
Lady Gay—Beautiful cherry pink.
Price: Doz., \$3.00; 100, \$22.00; 1000, \$200.00

2 YEAR OLD.

Crimson Rambler.
Dorothy Perkins.
Excelsa.
Flower of Fairfield.
White Dorothy Perkins.
Baby Ramblers.
Price: Doz., \$2.00; 100, \$15.00; 1000, \$140.00

HYBRID PERPETUAL ROSES--2 Year.

	Doz.	100
Anna de Diesbach.....	\$2.00	\$14.00
Frau Karl Druschki.....	2.50	18.00
General Jacqueminot.....	2.00	14.00
Gloire Lyonnaise.....	2.00	15.00
Mabel Morrison.....	2.00	15.00
Magna Charta.....	2.00	15.00

	Doz.	100
Mrs. John Laing.....	\$2.00	\$15.00
Paul Neyron.....	2.00	15.00
Prince C. De Rohan.....	2.00	15.00
Ulrich Brunner.....	2.00	15.00
Persian Yellow.....	2.00	15.00
Orleans.....	2.50	18.00

 **FRENCH MANETTI STOCKS, TO ARRIVE, PER 1000, \$16.00.**

CHICAGO

VAUGHAN'S SEED STORE

NEW YORK

Chrysanthemums

PRELIMINARY LIST OF
**Novelties and
Standard Varieties**
Now Ready. Ask for a Copy.

Elmer D. Smith & Co.
ADRIAN, MICH.

Mention the American Florist when writing.

Dracæna Indivisa

2-in., \$2.00 per 100; \$18.00 per 1,000.
Per 1000
Vinca Variegata, 2 in., \$2.00 per 100....\$20.00
S. A. Nutt, 2-in.....16.00
Rex Begonias, 3-in.....per dozen 1.00
Satisfaction guaranteed.

ELMER RAWLINGS,

Wholesale Grower
ALLEGANY, NEW YORK

A. N. Pierson, Inc.

Wholesale Florists
CROMWELL, - CONN.

If You are interested in Mid-Winter
Blooming Plants
—or anything in—
Soft Wooded Plants

—Write—
Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

Mention the American Florist when writing

FORCING STOCK

ROSES, field-grown, selected forcing grade. Climbers, \$15.00 per 100

Excelsa (Red Dorothy Perkins) **Lady Gay** **Crimson Rambler**
American Pillar **Climbing American Beauty** **Dorothy Perkins**

BABY ROSES, \$15.00 per 100

Jessie **Orleans** **Baby Rambler** **Mrs. Cutbush** **Ellen Poulson**

HYDRANGEAS, 3½-inch pots, \$6.00 per 100

Single stem plants, set with good, plump flower buds.

Eclairer, Fine rosy Pink.

La Lorraine, Large flowers, pale rose, turning to bright pink.

Mme. Maurice Hamar, Large delicate flesh-rose color.

Mme. Emil Mouilliere, Pure white, with rosy carmine eye; very large; the best white.

DEUTZIA LEMOINE, pot-grown, 6-inch pots, \$20.00 per 100.

GENISTA CANARIENSIS, 6-inch pots, nice shapely plants, \$20.00 per 100.

SPIREAS—Gladstone, Peach-Blossom, Queen Alexandra, \$10.00 per 100.

Otaksa, The old standby for pink. More easily forced than some of the newer sorts.
Radiant, Clear, bright pink; an exceptionally handsome shade.

2½-inch pots, \$4.00 per 100.

Otaksa **Mme. Emil Mouilliere**

Mme. Maurice Hamar

Lilie Mouilliere, bright carmine rose.

JACKSON & PERKINS CO., NEWARK, NEW YORK

Nephrolepis Verona

Best of all crested ferns, rapid grower; it's splendid fronds stand up well; each show individually; does not rot in center.

BUY FROM THE ORIGINATORS.

	Per 100	Per 1000	Per 100	Per 1000
2-inch.....	\$8.00	\$72.00	3-inch.....	\$12.00
				\$90.00

BAMBOO

Best decorative plant that grows; strong bushy stock.

7-inch pots	\$1.50 each	12-inch tubs.....	\$6.00 each
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P. S. Randolph & Sons

Wholesale Florists and Plant Specialists

R. D. VERONA, - PA.

The Nursery Trade

American Association of Nurserymen.

John Watson, Newark, N. Y., President;
Lloyd C. Stark, Louisiana, Mo., Vice-President;
Curtis Nye Smith, 19 Congress Street,
Boston, Mass., Secretary and Counsel.
Forty-second annual convention will be
held at Philadelphia, Pa., June 27-29, 1917.

NEW YORK.—M. Aronowitz, proprietor of the Barclay Nursery Co. was painfully injured December 12, when he fell down the elevator shaft at his store, 60 Barclay street.

PASADENA, CALIF.—Robert Baird, of this city, has purchased the interest of W. J. Eilers in the Van Nuys Nursery Co., in which firm he will be associated with E. W. Hewett.

NIAGARA FALLS, N. Y.—The establishment of an international park, under regulation of an international committee, to embrace both banks of the Niagara river, is being advocated.

PITTSBURGH, PA.—Edward Manning Bigelow, who was instrumental in securing Schenley park as a gift to this city and later the Phipps conservatory, died recently following an operation for cancer.

DURING the fiscal year 1916, 705,872 acres of national forest timber lands were estimated and mapped intensively, and 1,093,006 extensively. In all, 20,815,798 acres have been mapped by intensive methods and 47,291,660 by extensive methods.

Timber Cut from National Forests

There were cut from the national forests in the fiscal year 1916, 604,920,000 board feet of timber. Of this amount, 119,483,000 board feet was cut under free use privilege by 42,055 individuals. In all, 10,840 sales of timber were made, of which 97 per cent were under \$100 in value, indicating the extent to which the homesteader, rancher, miner, small millman and others in need of a limited quantity of timber draw upon the forests.

Fumigating Chestnuts.

Chestnuts can be prevented from becoming wormy without detracting in the least from their eating or keeping qualities, according to entomologists of the United States department of agriculture, by fumigating them with carbon bisulphid, which can be obtained at most drug stores. The nuts are placed in a tight box or barrel and bisulphid of carbon at the rate of one ounce, liquid measure, to a bushel of chestnuts is poured into a saucer resting on top of the nuts. The heavy fumes of the chemical sink through the nuts and destroy the minute grubs as well as larger worms. After fumigation from 12 to 24 hours, the nuts are exposed to the open air, when the very unpleasant odor of the gas quickly passes off. Carbon bisulphid, however, is highly inflammable and should not be used anywhere near fire. Even a cigar spark will set it off. Fumigation should never be performed in a tightly closed room or in a dwelling, as the nauseating fumes under such conditions might make the operator ill and if breathed in any great quantity might prove poisonous. In using carbon

bisulphid under any conditions, care should be taken to breathe as little of the fumes as possible. If fumigation is started in the late afternoon, the nuts should be effectively treated by morning. Users would do well to observe the effect on the worms and increase the amount of bisulphid if found necessary.

The larvae and eggs of chestnut weevils can be killed also by placing the nuts in a bag or sieve and submerging them for a few minutes in boiling water. Another way is to put the nuts in a tub and pour boiling water over them to cover them an inch or two. If the chestnuts in the tub are stirred, many wormy nuts will come to the surface and can be removed. If water is used, however, the nuts must be dried thoroughly before they are stored or shipped. The nuts can also be submitted to a temperature of from 125° to 150° Fahrenheit for a sufficient time to destroy the insects without injuring the food or seed value. Where large ovens or kilns are available, this method should be found convenient and economical. Care should be exercised, however, not to allow the temperature to rise much above 150°.

President Watson's Christmas Card.

President Watson, of the American Association of Nurserymen, had the following on his Christmas card sent to his many friends:

"Each Life is but the Sum of all its Friendships; and what we have of Friendship is but Return of what we give. Then what a reckless Spendthrift have I been; for now at Christmas time, I count my Treasure and I marvel at the Store; for all Good Fellows are my Friends. To You and all whose Friendship has brought into my Life so much of Sunshine and of Happiness, I hope the New Year brings a Harvest rich in all good things—Health and Strength, and Work to do and the Wish to do it for the Love of doing; for that is the Joy of living."

Hill's Evergreens

BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists Largest Growers in America
Box 404. DUNDEE, ILL.

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,

P. O. Berlin, N. J. Williamstown Junc., N. J.

ROSES, CANNAS Shrubbery

THE CONARD & JONES CO.,
West Grove, Penna.

PEONIES and IRIS

Write for list.

PETERSON NURSERY

Stock Exchange Building, CHICAGO

Mention the American Florist when writing

OWN ROOT

ROSES

Pot grown
2½ and 4-in.

Field grown
to pot 5 to 6-in.

THE LEEDLE FLORAL COMPANY
SPRINGFIELD-OHIO

Mention the American Florist when writing.

Ferns, Araucarias, Palms, Etc.

Araucaria, 2 to 3 tiers, 5 in., 40c; 3 tiers, 6 in., 50c; 3 to 4 tiers, 6 in., 60c.

Kentia Belmoreana, 4 in., pots, 5 leaves, 15 in. high, 40c each; in. pots, 5 leaves, 18 to 20 in. high, \$1.00 each; 6 in. pots, 5 to 6 leaves, 20 to 24 in. high, \$1.25 each; 6 in. pots, 6 leaves, 24 to 28 in. high, \$1.50 each.

Kentia Forsteriana, 6 in. pots, 5 to 6 leaves, 30 in. high, \$1.50 each; 7 in. pots, 6 leaves, 34 in. high, \$2.00 each; 7 in. pots, to 7 leaves, 36 in. high, \$2.50 each.

Kentia Forsteriana, made up bushy plants, 3 and 4 plants to a tub, 7 in. tubs, 36 in. high, \$3.50 each; 8 in. tubs, 38 to 40 in. high, \$4.50 each; 8 in. tubs, 40 to 44 in. high, \$5.00 each; 9 in. tubs, 54 to 60 in. high, \$8.50 each.

Ferns, Teddy, Jr., extra fine, special prices, quantity—5 in. pots, broad and perfect, 35c each; 6 in. pots, broad and perfect, 50c each.

Boston Ferns fine fresh stock, quantity—5 in. pots, 30c each; 6 in. pots, 50c each.

Adiantum Hybridum, heavy, 4 in. pots, \$16.00 per 100.

Asparagus Sprengeri, bushy field plants, now in 4 in. pots, \$12.00 per 100; 5 in. pots, extra heavy, \$18.00 per 100. (Worth more to cut from.)

THE STORRS & HARRISON CO., Painesville, Ohio



SPECIAL GRADE CALIFORNIA PRIVET

I have over 450,000 of this **SPECIAL GRADE** of California Privet grown by a new method. The illustration shows a fair sample of each size. Note the excellent root system.

Price, 12 to 18 inches - \$ 8.00 per 1000
 " 1½ to 2 feet, - - 10.50 per 1000

Packed free for cash with order. No order accepted for less than 1000 plants.

Also over two millions of California Privet of finest quality, in all sizes, from one to four feet, grown in the usual way. Very attractive prices, especially in carload lots, given upon request.

I have much the largest and best stock of California Privet of any nursery in the world.

J. T. LOVETT, Little Silver, N. J.

BELLE WASHBURN

The New Red Carnation With An Unbeatable Record Behind It.

Winner two years in succession of the American Carnation Society Silver Medals, 1915 and 1916. Also winner of the S. A. F. Silver Medal, 1916, besides numerous first prizes and certificates at various shows in different parts of the country.

This is purely a commercial carnation—very bright clear red, large flower, non-splitable calyx, long stem and just as free blooming as Enchantress of which it is a seedling.

Prices of rooted cuttings ready for delivery now and later, 25 or less at the rate of \$8.00 per 100. 50 and less than 100 at \$6.00 per 100. Orders of 100, and less than 250, \$5.00 per 100 and orders of 250 or more at the rate of \$45.00 per 1000. All cuttings guaranteed strictly first class.

BASSETT & WASHBURN, Store and Office: 178 N. Wabash Ave. **Chicago**
 Greenhouses: Hinsdale, Ill.

Ferns in Flats

In Best Varieties For Fern Dishes.

\$1.50 per 100

100,000 READY NOW

Write for Wholesale Catalogue of
FERNs, KENTIAS, ETC., to

H. PLATH

"THE FERNERIES"

Lawrence and Winnipeg Avenues.
SAN FRANCISCO, CALIF.

Jos. Heacock Co.,

Wyncote, Pa.

Grower of Kentias.

CHAS. H. TOTTY

MADISON, NEW JERSEY

Wholesale Florist

Chrysanthemum Novelties my Specialty

HILL'S CHOICE LANDSCAPE, DECORATIVE AND FORCING STOCK FOR FLORISTS' TRADE

Boxwoods—Pyramids, Standards, Globes, Bush, Dwarf—one of our leading specialties. Stocked in enormous quantities.

Bay Trees—Standards, Half Standards, Pyramids. We can save you money and give better quality. Let us prove it.

Hardy Tubbed Evergreens—Clipped specimens in Taxus, Thuys, Juniperus, Abies varieties in Pyramids, Globes and natural-shaped in large assortment.

Araucarias—Best sorts, best values, in both small and large sizes, for immediate effect and growing on.

Forcing Stock—Azaleas, Rhododendrons, Aucubas, Skimmia Japonica, Hydrangeas, Lilacs, Spiraea, Magnollas, Japanese Maples, Wistaria Chinensis, Japanese Flowering Cherry, Peonies, Roses, in large assortment, choicest quality, best commercial sorts.

Wholesale price list will be mailed promptly on request.

THE D. HILL NURSERY COMPANY, INC.

EVERGREEN SPECIALISTS
 LARGEST GROWERS IN AMERICA

WHOLESALE GROWERS AND IMPORTERS

Landscape Evergreen and Conifers—New, rare and standard varieties. Small, medium and large sizes supplied in perfect specimens, with ball and burlap. Largest and most extensive collection in America.

Window-Box Plants—Hardy Coniferous Evergreens for winter use. All hardy and desirable sorts, best selection, lowest prices. Also Bush Box and Dwarf Edging. This line offers wide-awake florists a grand opportunity to increase their sales and profits.

Deciduous Trees and Shrubs—Our leaders—Norway Maple, American White Elm and Japanese Barberry.

Young Stock for Lining Out—Ornamental Evergreens and Deciduous Trees and Shrub seedlings, rooted cuttings, grafts, etc., in large assortment at very low prices. Annual output, 10,000,000 plants.

Write for information and price today.

Box 404, DUNDEE, ILL.

ORCHIDS

FRANCISCO DELGADO Q.

ORCHID COLLECTOR

Solicits orders for shipments of Orchids.
 Prices quoted upon application.

BOGOTO (Chapinero) COLOMBIA.

Robert Craig Co...

High - **PALMS**
 Class

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

Rooted Carnation Cuttings Immediate Delivery.

We are now booking orders for our New Seedling SUPERB—\$12.00 per 100; \$100.00 per 1000.

SUPERB is a seedling of Gloriosa and Enchantress. It has the good stem of Gloriosa and the fine growing habit of Enchantress. The color is a flesh pink, and it keeps its color at all seasons. The flowers average about three inches, are very full, and generally receive full score on substance. The flowers are all perfect and do not split. In the four years we have grown it, it has proved the best commercial variety, barring none.

AVIATOR If you want Scarlet Carnations for Christmas, grow Aviator. \$6.00 per 100; \$50.00 per 1000.

STANDARD NEW VARIETIES.

WHITE.	Per 100	Per 1000
Matchless	\$2.50	\$20.00
White Enchantress	2.50	20.00
White Wonder	3.00	25.00

DARK PINK	Per 100	Per 1000
Peerless Pink	2.50	20.00
C. W. Ward	2.50	20.00

FLESH PINK.	Per 100	Per 1000
Superb	\$12.00	\$100.00
Enchantress	2.50	20.00
Enchantress Supreme	2.50	20.00
Alice	3.00	25.00

VARIEGATED.	Per 100	Per 1000
Benora	3.00	25.00

RED	Per 100	Per 1000
Aviator	\$6.00	\$50.00
Beacon	3.00	25.00
Champion	3.00	25.00

MEDIUM PINK.	Per 100	Per 1000
Miss Theo	6.00	50.00
Mrs. Akehurst	3.00	25.00
Pink Sensation	3.50	30.00

J. D. THOMPSON

CARNATION CO.,

Joliet, Ill.

Horticultural Trade Journal

Published weekly. The Largest, Brightest and Best British Trade publication. Also

THE INTERNATIONAL EDITION

Published quarterly. Annual subscription for weekly and quarterly numbers One Dollar. (International money order.) Subscribe today and keep in touch with European markets and topics.

THE HORTICULTURAL PRINTING COMPANY
BURNLEY, ENGLAND

100,000 GERANIUMS

Ready now. 2 and 2½ in. pots. Poitevine, Ricard, Nutt, Doyle, Viaud, Oberle, Buchner, etc., \$2.50 per 100; \$22.50 per 1000.

2½ in. Fuchsias, 15 varieties; Double Petunias, 12 varieties; Marguerites, 3 varieties; Lantanas, 8 varieties; \$2.75 per 100; \$25.00 per 1000.

Alonzo J. Bryan, Wholesale Florist
Washington, New Jersey.

GERANIUMS

Immediate delivery at \$13.50 per 1000 for S. A. Nutt and Buchner and \$16.00 per 1000 for Ricard and Poitevine.

Asparagus Plumosus, fine stock at \$25.00 per 1000; same rate per 100.

ALBERT M. HERR, LANCASTER, PA.

BOXWOODS—MOST BEAUTIFUL STOCK

Pyramids, 2 -ft.....	\$1.00 each
Pyramids, 2½ -ft.....	1.50 each
Pyramids, 3 -ft.....	2.00 each
Pyramids, 3½ -ft.....	2.50 each
Standard Shape, 14x14 in.....	2.50 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 16-in.....	.35c each

F. O. FRANZEN 5319 N. Clark St
CHICAGO

CARNATIONS

F. DORNER & SONS CO.,

Lafayette, - - Indiana

Mention the American Florist when writing

Begonia Glory of Cincinnati

Begonia Melior, Begonia Mrs. J. A. Peterson.

CYCLAMEN, our own selected strain.
APLENUM NIDUS AVIS (Bird's Nest Fern).

Price list on application.

J. A. PETERSON & SONS, WESTWOOD, CINCINNATI, OHIO

Mention the American Florist when writing

ROOTED Carnation Cuttings

600,000 Ready For Immediate Shipment.

Finest rooted cuttings obtainable at remarkably low prices until we are sold out. Peter Reinberg's stock is known for its supreme quality everywhere and is the best stock for you to buy. Look over our list of offerings—all money makers, and order what you need immediately. Do it right now. **HURRY.**

	Per 100	Per 1000
White Enchantress	\$2.00	\$16.00
White Perfection	2.00	16.00
White Wonder	2.00	18.00
Enchantress	2.00	16.00
Rose Pink Enchantress	2.00	16.00
Ward	2.00	18.00
Beacon	2.00	18.00
Herald	2.00	18.00
Champion	2.00	18.00
Joy	2.00	16.00
Belle Washburn	4.00	30.00
Aviator	4.00	30.00

RICHMOND BENCH PLANTS

\$6.00 per 100; \$50.00 per 1000.

Large quantity of fine stock at above reasonable prices. Order quick, so as to insure your supply.

Specify Plants When Ordering.

Peter Reinberg
30 East Randolph St., Chicago, Ill.

Ready Reference Section.

10 CENTS PER LINE, NET.



AMARYLLIS.

AMARYLLIS (Hippeastrum). Imported and American seedlings, 9 to 10-in. cir., \$18; 11 to 12-in. cir., \$22 per 100. Tait's seedlings from very choice stock, \$25 per 100; fancy stock, \$1 to \$5 each. C. S. Tait, Brunswick, Georgia.

ARAUCARIAS.

Araucaria, 2 to 3 tiers, 5-in., 40c; 3 tiers, 6-in., 50c; 3 to 4 tiers, 6-in., 60c. The Storrs & Harrison Co., Painesville, Ohio.

ASPARAGUS.

Asparagus Sprengeri. Seed, 1917 crop ready now, 75c per 1,000; 5,000 for \$3.00; 10,000 for \$5.00. Write for prices in quantity. HARRY BAILEY, Montebello, Calif.

ASPARAGUS PLUMOSUS NANUS. Heavy, bushy, 3-inch, \$4.50 per 100. Sprengeri, 3-inch, \$4.00 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Asparagus Sprengeri, bushy field plants, now in 4-in. pots, \$12.00 per 100; 5-in. pots, extra heavy, \$18 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Asparagus Sprengeri, 3-in., \$6 per 100; 4-in., \$10 per 100. Plumosus, 2½-in., \$3.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS PLUMOSUS SEEDLINGS, extra strong, \$6.00 per 1,000. VAUGHAN'S GREENHOUSES, Western Springs, Ill.

Asparagus plumosus, fine stock, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

3-in. plumosus, at \$5.00 per 100. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

AZALEAS.

Azaleas. W. & T. Smith Co., Geneva, N. Y.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEGONIAS.

BEGONIAS—Immediate Delivery.

Mrs. J. A. Peterson (new), 2½ in. pots, \$25.00 per 1,000. JULIUS ROEHRS CO., Rutherford, N. J.

BOXWOOD.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

BOXWOODS.

PYRAMIDS. Broad, heavy specimens, 2 ft., \$1.90 each; 2½ ft., \$2.00 each; 3 ft., \$2.50 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee, Ill. Write for prices on larger sizes.

BUSH SHAPE, 10-12-in., balled, 30c each; 18-in., balled, 60c each; 30-in., balled, \$1.75 each.

THE D. HILL NURSERY CO., INC. Box 404, Dundee, Ill.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

BULBS.

Bulbs. Dutch Hyacinths, miniature, named varieties, \$7.50 per 1,000; Chinese Narcissus, per mat (120 bulbs), \$3.00; Spanish Iris, named varieties, 4 separate colors, \$6 per 1,000; Valley, pips, Holland grown, \$20 per 1,000; clumps, \$20 per 100; Spiraea, Hardy Lilies, Lilium Giganteum, L. Formosum and Gladiolus. For varieties, sizes and prices, see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Bulbs. Dwarf gladiolus and Lilium Longiflorum Giganteum (black stem.) For sizes and prices see advertisement elsewhere in this issue. J. M. Thorburn & Co., 53 Barclay St., New York.

Bulbs. Lilium Giganteum, 7 to 9-in., and 9 to 10-in., for immediate delivery. Write for prices. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York.

Bulbs, fancy caladium. Fine, well developed in 40 named leading sorts, \$10 per 100. Delivery January and February. Tampa Floral Co., Tampa, Fla.

Bulbs, seeds, supplies, etc. Wholesale only. American Bulb Co., 178 N. Wabash Ave., Chicago.

CALLAS.

60 4-in. Godfrey Callas at 10c each; 100 3-in. at 5c each. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

CARNATIONS.

CARNATIONS.
Standard and New Varieties.

White.		
Matchless	Per 100	Per 1000
White Enchantress	\$2.50	\$20.00
White Wonder	2.50	20.00
Flesh Pink.		
Superb	\$12.00	\$100.00
Enchantress	2.50	20.00
Enchantress Supreme	2.50	20.00
Alice	3.00	25.00
Medium Pink.		
Miss Theo	\$6.00	\$50.00
Mrs. Akehurst	3.00	25.00
Pink Sensation	3.50	30.00
Dark Pink.		
Peerless Pink	\$2.50	\$20.00
C. W. Ward	2.50	20.00
Red.		
Aviator	\$6.00	\$50.00
Beacon	3.00	25.00
Champion	3.00	25.00
Variegated.		
Benora	\$3.00	\$25.00

J. D. THOMPSON CARNATION CO., Joliet, Illinois

We can save you money on
STRONG ROOTED CARNATION CUTTINGS
For January delivery.

	Per 100	Per 1,000
Light Pink Enchantress	\$2.00	\$14.00
White	2.00	17.50
C. W. Ward	2.00	15.00
Winsor	2.00	14.00
Victory	2.00	15.00
Joy	2.00	15.00
Also a limited supply of		
Nebraska	\$5.00 per hundred	
Herald	2.00 per hundred	
White Perfection	2.00 per hundred	
White Wonder	2.00 per hundred	

Place your orders now.
J. A. BUDLONG,
184 North Wabash Ave. Chicago.

Carnations, rooted cuttings, 600,000 ready for immediate shipment. For varieties and prices see advertisement elsewhere in this issue. Peter Reinberg, 30 E. Randolph St., Chicago.

CARNATIONS.

Belle Washburn, the new red carnation with an unbeatable record behind it. Winner two years in succession of the American Carnation Society Silver Medals, 1915 and 1916. Also winner of the S. A. F. Silver Medal, 1916, besides numerous first prizes and certificates at various shows in different parts of the country. This is purely a commercial carnation—very bright, clear red, large flower, non-splitable calyx, long stem and just as free blooming as Enchantress, of which it is a seedling. Prices of rooted cuttings ready for immediate delivery, 25 or less at the rate of \$3.00 per 100; 50 and less than 100 at \$6.00 per 100. Orders of 100, and less than 250, \$5.00 per 100, and orders of 250 or more at the rate of \$45.00 per 1,000. All cuttings guaranteed strictly first class. Bassett & Washburn, 178 N. Wabash Ave., Chicago.

CARNATION CUTTINGS.

Well rooted, from strictly clean, healthy stock.		
	100	1000
Enchantress	\$2.50	\$20.00
White Wonder	3.00	25.00
Beacon	3.00	25.00
Good Cheer	4.00	35.00
Nancy	6.00	50.00

Nancy is Dorner's new salmon pink, large perfect flower, long strong stem, good keeper, good producer, does not split. All cuttings ready for delivery. Order now.

SCHROEDER FLORAL CO., West 24th and Pease Sts., Milwaukee, Wis.

CARNATIONS—ROOTED CUTTINGS.
Enchantress, Rose Pink Enchantress, White Enchantress, May Day and Philadelphia, \$2.50 per 100; \$20.00 per 1,000.
Victory, \$2.00 per 100; \$18.00 per 1,000.
January or February deliveries. Cash from unknown parties.

THE COLUMBUS FLORAL COMPANY, Columbus, Ohio.

New red carnation seedling, Radium. A carnation of great producing power, a beautiful scarlet of uniform shade. An A1 shipper. Cuttings for March 1st delivery, \$12 per 100; \$100 per 1,000. P. J. Olinger, New Castle, Ind.

Carnation Superb. Fine new flesh pink. Rooted cuttings, Jan. 1917, delivery, \$10 per 100, \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

Carnations. F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS

CHRYSANTHEMUMS—STOCK PLANTS.
Fine large plants full of cuttings. Price, \$15.00 per 100; \$2.00 per dozen. We dig all our plants from soil. They are not pulled up. Varieties in white—Crystal Gem, Oconto, White Chieftain, Wm. Turner. In yellow—Golden Queen, Marigold, Mrs. Morgan, Odessa. In pink—McNiece, Wells' Late Pink, Chieftain.

BASSETT & WASHBURN, 178 N. Wabash Ave., Chicago.

ALEX GUTTMAN.

Chrysanthemum (Dinda), the best early lavender-pink in the market. Blooms have been selling for \$6.00 per dozen since middle of September. Stock plants, 75 each; \$7.50 per dozen. GUTTMAN & RAYNOR, Inc., Wholesale Florists, 101 W. 28th St., New York, or Frank Dinda, Farmingdale, L. I., N. Y.

CHRYSANTHEMUMS. Good commercial varieties, 2½ in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

COLEUS.

COLEUS "Defiance." It defies any other coleus for commercial purposes. C. Winterich, Cyclamen Specialist, Defiance, O.

CYCLAMEN.

CYCLAMEN, strong seedlings, \$4.00 per 100; \$30.00 per 1,000. Transplanted, \$5.00 per 100; \$40.00 per 1,000.

Rococo Erecta, new, finest ever introduced (not to be compared with the old Rococo); to be well recommended for commercial growing. Strong seedlings, \$5.00 per 100, \$40.00 per 1,000. Transplanted, \$6.00 per 100, \$50.00 per 1,000.

ERNEST ROBER,

Wilmette.

Illinois.

Cyclamen, 3-in., assorted \$8 per 100, \$75 per 1,000; 4-in., \$20 per 100; 5-in., 40c each. Alonzo J. Bryan, Washington, N. J.

DAHLIAS.

My latest novelty, "The Millionaire," \$10.00 per bulb. A light lavender decorative. A monster; a beauty. It's simply wonderful. My new catalogue tells about it.

GEO. L. STILLMAN,

"Dahlia Specialist."

Originator of "World-Known" Dahlias.

Box A-7.

Westerly, R. I.

Dahlias. Best new and standard varieties. Peacock Dahlia Farms, Williamstown Junction, N. J.

DAISIES.

BEST FLOWERING DAISIES. Chicago White, special strain, 2½ in., \$5.00 per 100; Etoile D'Or (yellow), 2½ in., \$5.00 per 100. Cash, please. A. E. HUNT & CO., 30 E. Randolph St., Chicago.

Daisies, Mrs. Sander, 2-in., \$3.00 per 100; \$28.00 per 1,000. Edward W. Schuster, Crookston, Minn.

DEUTZIA.

Deutzia Gracilis, pot grown, very bushy plants, now ready. Splendid forcing stock, 6-in., \$2.00 per doz., \$18 per 100; 8-in., \$3.50 per doz., \$25 per 100. Vaughan's Seed Store, Chicago and New York.

DRACAENAS.

Dracaena Massangeana, 8-in., \$2.50 each. Terminalis, 4-in., \$4 per doz.; 5-in., \$5 per doz. Pöhlmann Bros. Co., Morton Grove, Ill.

DRACAENA INDIVISA, 5 in., 35c. Harry Heintz, West Toledo, O.

Dracaena Indivisa, 2-in., \$2 per 100, \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

FERNS.

Bostons. Grown by us and are the finest in the west. 3-in., \$1.75 per doz., \$12 per 100; 4-in., \$2.50 per doz., \$20 per 100; 5-in., \$5 per doz., \$40 per 100; 6-in., \$8 per doz., \$60 per 100. Vaughan's Seed Store, Chicago and New York.

Ferns, Teddy Jr., extra fine stock, broad and perfect; 5-in., 35c each; 6-in., 50c each. Boston, fine fresh stock; 5-in., 30c each; 6-in., 50c each. The Storrs & Harrison Co., Painesville, Ohio.

FERNS. Boston, extra heavy, from 6-inch pots, \$5.00 per dozen. Scotti, very broad, bushy plants, 5-inch pots, \$2.50 per dozen. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Ferns, Scotti, Teddy, Jr., Boston, Neph. Whitman. For sizes and prices see advertisement elsewhere in this issue. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias, H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns, Nephrolepis Verona. Splendid fronds, stand up well, 2-in., \$8 per 100, \$72 per 1,000; 3-in., \$12 per 100, \$90 per 1,000. P. S. Randolph & Sons, R. D., Verona, Pa.

Boston ferns, extra fine bench grown for 3, 4 and 5-inch pots at 6c, 12c and 20c each. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

FERNS.

HARDY FERNS. Illustrated descriptive catalogue and wholesale price list mailed free on application. LUDVIG MOSBAK, Ferndale, Askov, Minnesota.

TABLE FERNS, best varieties, fine stock, 2-in., \$3 per 100, \$25 per 1,000; 3-in., \$5 per 100, \$40 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Fine Nephrolepis ferns. For varieties and prices see advertisement elsewhere in this issue. F. R. Pierson Co., Tarrytown, N. Y.

GERANIUMS.

Geraniums, Alph. Ricard, Beauty Poitevine, Jean Viaud, Edmond Blanc and Scarlet Bedder, 2-in., \$2 per 100, \$20 per 1,000; 3-in., \$3 per 100, \$30 per 1,000. S. A. Nutt, Gen. Grant, Mad. Buchner, Mad. Recamier, Jean Oberlee, Abbie Schaffer, E. G. Trego, etc., 2-in., \$2 per 100, \$18.50 per 1,000; 3-in., \$3 per 100, \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums. Well established two and a quarter inch stock. Top cuttings and no hard wood. Varieties: S. A. Nutt, General Grant, Madame Buchner, Gloire De France, \$3.00 per 100, \$25.00 per 1,000. You will appreciate our good packing. See our ad for Double Fringed Petunia cuttings elsewhere in these columns.

STUPPY FLORAL COMPANY.

St. Joseph

Missouri.

GERANIUMS.

A. Ricard and J. Viaud, 2½-in., \$2.25 per 100; \$20.00 per 1,000.

S. A. Nutt, \$2.00 per 100; \$18.00 per 1,000. Strong plants, ready now. Cash from unknown parties.

THE COLUMBUS FLORAL COMPANY, Columbus, Ohio.

Geraniums, S. A. Nutt, 2-in., \$2.00 per 100, \$18.00 per 1,000; rooted cuttings, \$12.00 per 1,000. Also few white cuttings and 2-in. good stock. Cash. W. E. ALLEN, Leominster, Mass.

100,000 geraniums, ready now, 2 and 2½-in. pots, Poitevine, Ricard, Nutt, Doyle, Viaud, Oberly, Buchner, etc., \$2.50 per 100, \$22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

GERANIUMS, Gen. Grant (best scarlet bedder), 2-in. ready to shift, \$2.00 per 100, \$17.50 per 1,000. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Geraniums, S. A. Nutt and Buchner, \$13.50 per 1,000; Ricard and Poitevine, \$16 per 1,000. Albert M. Herr, Lancaster, Pa.

GREENS.

Greens, Southern Wild Smilax, \$2.50 per case; holly, \$2.25 per case; fadeless sheet moss, \$3.50 per bag; natural sheet moss, \$1.75 per bag; southern gray moss, \$2.50 per bag; long needle pines, \$1.25 per dozen. Caldwell The Woodsman Co., Evergreen, Ala.

Greens, Southern wild smilax, \$2.50 per case; holly, \$2.25 per case; dyed sheet moss, \$3.50 per bag; natural sheet moss, \$1.75 per bag; long needle pines, \$1.25 per dozen; gray moss, \$2.50 per bag. E. A. Beaven, Evergreen, Ala.

Southern Wild Smilax, \$2.00 per 50-lb. case. Very quick delivery. WINTERGREEN GARDENS, Marion, Ala.

HYDRANGEAS.

Hydrangeas, single stem plants, set with good plump flower buds. For varieties and prices see advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, New York.

HYDRANGAEA OTAKSA, 3-in., \$5 per 100. Flowering sizes pot-grown, 25c to 50c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LANTANAS.

LANTANAS, 3-in., yellow and pink, strong plants, \$8 per 100; weeping, 3-in., \$6 per 100; 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the Valley pips (new crop), Berlin or Hamburg. Cases of 1,000 each, \$17 per case; cases of 500 each, \$9 per case. J. M. Thorburn & Co., 53 Barclay St., New York.

MOONVINES.

Moonvines, Parlor Ivy, Cuphea, Petunias, Salvia, Swainsona, Lemon Verbenas, Alterantheras, 2-in., \$2 per 100; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

NURSERY STOCK.

Write for wholesale price list of ornamental nursery stock. MAYWOOD NURSERY CO., Maywood, Ill.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PANSIES.

FOR SALE—Pansies, Vaughan's Giant mixture, Improved German mixture, Paris market; also other varieties in separate colors. Strong plants, Sept. sown, cold frame grown, \$2.50 per 1,000. G. F. ODOR, Iola, Kansas.

PALMS.**PALMS.****KENTIA FORSTERIANA—SINGLE PLANTS.**

	Leaves		Each
6 inch pots	5-6	28 inches high...	\$ 1.25
6 inch pots	6-7	32-34 inches high...	1.50
6 inch pots	6-7	34-36 inches high...	2.00
8 inch tubs	6-7	40-42 inches high...	3.50
8 inch tubs	6-7	42-46 inches high...	4.00
8 inch tubs	6-7	50 inches high...	5.00
9 inch tubs	6-7	52-56 inches high hv	7.00
10 inch tubs	6-7	60 inches high...	8.00
10 inch tubs	6-7	60-65 inches high...	12.00
15 inch tubs	6-7	8 feet high...	40.00
15 inch tubs	6-7	9-10 feet high...	50.00

KENTIA BELMOREANA—SINGLE PLANTS.

	Leaves		Each
2½ inch pots	4	\$1.50 per doz., \$12 per 100	
		ins. high	Per Doz.
4 inch pots	5-6	16-18 45c each.....	\$5.00
6 inch pots	5-6	24 each.....	1.25
6 inch pots	5-6	28 each.....	1.50
8 inch tubs	5-6	42 each.....	5.00

Specimen plants, 15-in. tubs, \$75 each.

KENTIA FORSTERIANA—MADE UP PLANTS.

6 inch pots	3	26-28 inches high.....	\$ 2.00
7 inch tubs	3	30-32 inches high.....	2.50
8 inch tubs	3	38 inches high.....	4.00
8 inch tubs	4	48-50 inches high.....	5.00
9 inch tubs	4	52 inches high.....	6.00
10 inch tubs	4	54 inches high.....	8.00
12 inch tubs	4	60-64 inches high.....	12.00
12 inch tubs	4	66 inches high.....	15.00
15 inch tubs	4	6-6½ ft. high, heavy...	25.00
15 inch tubs	4	75-80 inches high.....	30.00

ARECA LUTESCENS.

	Plants	Each
--	--------	------

6 inch pots 4 bushy, 24-26 inches high.....\$1.25

ASPIDISTRAS.

5 inch pots	10-12 leaves green.....	\$1.00
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6 inch pots 16-20 leaves green..... 1.50

5 inch pots 10-12 leaves var..... 1.50

POHELMANN BROS CO., Illinois.

Morton Grove.

Kentia Belmoreana, 4-in., 5 leaves, 40c each;

5-in., 5 leaves, \$1.00 each; 6-in., 5 to 6

leaves, \$1.25 each; 6-in., 6 leaves, \$1.50 each;

Kentia Forsteriana, 6-in., 5 to 6 leaves, \$1.50;

7 in., 6 leaves, \$2; 7-in., 6 to 7 leaves, \$2.50.

Made-up bushy plants, 3 and 4 plants to a

tub, 7-in. tub, 36 in. high, \$3.50 each; 8-in.

tub, 38 to 40 in. high, \$4.50 each; 8-in. tub,

40 to 44 in. high, \$5 each; 9-in. tub, 54 to 60

in. high, \$8.50 each. The Storrs & Harrison

Co., Painesville, Ohio.

Kentias, Belmoreana and Forsteriana. For

sizes and prices see advertisement elsewhere in

this issue. Godfrey Aschmann, 1012 W. Ontario

St., Philadelphia, Pa.

LATANIA BARBONICA PALMS, 15-in. tubs,

suitable for decorative work, \$5 each. Pandanus

Veitchii, 15-in. tubs, \$5 each. HENRY

SMITH, Grand Rapids, Mich.

Palms, high class, and novelties in decorative

plants. Robert Craig Co., Market and 49th

Sts., Philadelphia, Pa.

Palms. Joseph Heacock Co., Wyncote, Pa.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. HENRY SMITH, Grand Rapids, Mich.

Pandanus Veitchii, 4-in., 35c each; 6-in., 75c to \$1 each; 7-in., \$1.25 each; 9-in. \$2.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

Peonies. Write for list. Peterson Nursery. Stock Exchange Bldg., Chicago.

PEPPERS.

Peppers. Bird's-Eye, bushy plants, 4-in., \$12.00 per 100; \$100 per 1,000.
Peppers, Celestial, 4-in., \$12.00 per 100; \$100 per 1,000.

Jerusalem Cherry, 4-in., \$12.00 per 100; \$100 per 1,000.

PYFER & OLSEM, Wilmette, Ill.

PETUNIAS.

PETUNIAS. Strong top cuttings of Dreer's famous collection of DOUBLE FRINGED PETUNIAS in eight superb named varieties. Shipped under separate label but in collection only. \$2.00 per 100; \$17.50 per 1,000.

See our ad for Geraniums elsewhere in these columns.

STUPPY FLORAL COMPANY.

Saint Joseph, Mo.

PRIMULAS.**PRIMULA MALACOIDES.**

Extra fine stock,	100	1,000
2-inch	\$3.00	\$27.50
2½-inch	4.00	35.00
3-inch	6.00	50.00

PYFER & OLSEM, Wilmette, Ill.

PRIMULAS. Obconica, Chimensis and Malacoides, 2-in. pots at \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIVET.

California Privet, special grade, 12 to 18-in., \$8 per 1,000; 1½ to 2 ft., \$10.50 per 1,000. Cash with order. J. T. Lovett, Little Silver, N. J.

ROSES.**ROOTED ROSE CUTTINGS.**

Sunburst	100	1,000
Richmond	\$3.50	\$20.00
Killarney	2.50	20.00
White Killarney	2.50	20.00
Ophelia	4.00	35.00

GEORGE REINBERG,

162 North Wabash Avenue, Chicago.

Roses. Extra strong, field-grown climbing roses to bloom for Easter; also hybrid perpetual roses. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Selected Forcing Grade Roses. Climbers, extra strong, \$15 per 100; baby roses, \$15 per 100. For varieties see advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, New York.

New red rose Mrs. Sarah Yeats. Price, 2½-in. pot plants, 35c each; \$32.50 per 100; \$300 per 1,000. J. E. Yeats, 302 E. Springfield Ave., Champaign, Ill.

Baby Roses. For varieties and prices see advertisement elsewhere in this issue. A. Henderson & Co., 211 N. State St., Chicago.

Roses. Pot-grown, 2½ and 4-in. Field grown, to pot, 5 to 6-in. The Leedle Floral Co., Springfield, O.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS, \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10 per 1,000. Asparagus Hatcherii seed, 6c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seeds. Asparagus Plumosus Nanus, greenhouse grown, 1,000, \$3.50; 10,000, \$32.50. California grown, 1,000, \$2.50; 10,000, \$22.50. Arthur T. Boddington Co., Inc., 128 Chambers St., New York.

Seed. New crop northern greenhouse grown Asparagus plumosus nanus, 50c per 100 seeds; \$1 per 250 seeds; \$3.50 per 1,000 seeds. Vaughan's Seed Store, Chicago and New York.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

SEEDS.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, contract growers of cucumber, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds. Dreer's superb double fringed Petunias, 75c per 500 seeds, \$1.50 per 1,000 seeds. Superb single fringed, 50c per trade packet. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds. Bean, cucumbers, muskmelon, watermelon, squash and sweet corn. Michigan-grown radish our specialty. S. M. Isbell & Co., Jackson, Mich.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed. Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers. Pedricktown, N. J.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Vaughan's Flower. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds. Peas, beans and sweet corn. Michigan and Iowa grown. Sioux City Seed & Nursery Co., Sioux City, Iowa.

Seeds, specialties: Lettuce, onion, sweet pea, aster, cosmos, mignonette, verbena in variety. Waldo Rohmert, Gilroy, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsley, parsnips, turnips. R. & M. Godineau, Angers, France.

Seeds. Beet, sweet corn, garden bean, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kinzie St., Chicago.

Seed. Flower and vegetable of every description. Barnard's Seed Store, 231-235 W. Madison St., Chicago.

Seeds. Flower and garden seeds. Sweet Pea and Nasturtium a specialty. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Elliott Sts., Baltimore, Md.

Seeds. Cucumber and Muskmelon. Pure stock, good deliveries and moderate prices. R. H. James, Rocky Ford, Colo.

Seed. Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

Seeds. All the leading kinds for spring and summer planting. James Vick's Sons, Rochester, N. Y.

Seed. High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds. Flower, sweet pea and nasturtiums. The L. D. Waller Seed Co., Guadalupe, Calif.

SEEDS.

Seed. Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seeds, flower, vegetable and farm. Wholesale only. Kelway's, Langport, England.

Seeds. Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seed. For the wholesale trade only. Braslan Seed Growers' Company, San Jose, Calif.

Seeds. Onion, lettuce, radish, etc. The Kimberlin Seed Co., Santa Clara, Calif.

Seeds. Pea and bean. Alfred O. Brown Seed Co., Grand Rapids, Mich.

Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seeds which succeed. Get quotations from Landreth, Bristol, Pa.

SNAPDRAGONS.

SNAPDRAGONS, the color of Ophelia rose, beautiful pink yellow, took first prize at the 1915 Cleveland show; topped and branched, 2-in., \$3.00 per 100; \$27.50 per 1,000. C. Winterich, Cyclamen Specialist, Defiance, O.

Snapdragons from Ramsburg's seed.
Nelrose, 2½-in., \$4.00 per 100
Phelps' White, 3-in., \$8.50 per 100; Japonica, white, \$1 per doz., \$7 per 100. A. Henderson & Co., 211 N. State St., Chicago.

SPIREA.

Spirea Clumps. Gladstone, white, \$1.50 per doz., \$10 per 100; Floribunda and Compacta, white, \$1.25 per doz., \$8.50 per 100; Japonica, white, \$1 per doz., \$7 per 100. A. Henderson & Co., 211 N. State St., Chicago.

STRAWBERRY PLANTS.

Progressive and Superb, \$5.00 per 1,000. Other varieties as low as \$1.50 per 1,000. Catalog free. L. G. Tingle, Box 170, Pittsville, Md.

SWAINSONA.

SWAINSONA, 4-in pots, fine plants, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

VEGETABLE PLANTS.

Let your contract for spring delivery for asparagus, rhubarb, strawberry, blackberry, sweet potato and tomato plants. Write for price list. HENRY P. MILLER, Illinois.

VINCAS.

Vinca variegata, 2-in., \$2 per 100; \$20 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

MISCELLANEOUS.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Choice landscape, decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., Box 404, Dundee, Ill.

Flues, for retubing boilers. Selected and in first-class condition. Cleaned both inside and outside. H. Munson, 1353 N. Clark St., Chicago.

Glass cloth. A transparent waterproof fabric for all forcing purposes. Sample, 3x6 feet, 50c prepaid. Turner Bros., Bladen, Nebraska.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 509 Exchange Ave., Room 5, Chicago, Ill.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

MISCELLANEOUS.

Japanese miniature gardens, fern dishes, vases, flower pots, jardinières, etc. Nippon Garden, Inc., 259 Fifth Ave., New York.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Nursery stock of all descriptions. Catalogues and price lists free on application. The Storrs & Harrison Co., Painesville, O.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Catalogues. Large runs our specialty. Write for prices. Regan Printing House, 503 Plymouth Place, Chicago.

Baskets of every description. Write for catalogue. Raedlein Basket Co., 713 Milwaukee Ave., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Baskets, pansy and verbenas. For sizes and prices see advertisement elsewhere in this issue. G. P. Read, Inc., 199 Duane St., New York.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 1302-1308 West Division street, Chicago.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Boilers of high grade for greenhouses. Write for catalogues. Giblin & Co., Utica, N. Y.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Blooming plants or anything in soft wooded plants. Geo. A. Kuhl, Pekin, Ill.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Hail storm insurance. John G. Esler, Saddle River, N. J.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Raffia, natural and colored. McHutchison & Co., 95 Chambers St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Glass, large stock and good prices. Sharp, Partridge & Co., Chicago.

Wired toothpicks, 10,000, \$1.85; 50,000, \$8.00. W. J. Cowee, Berlin, N. Y.

Greenhouse boilers. Kroeschell Bros. Co., 432 W. Erie St., Chicago.

Everything the best in florists' supplies. H. Bayersdorfer & Co., 1127 Arch St., Philadelphia.

Tile greenhouse benches. Write for circular. Camp Conduit Co., Cleveland, O.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

Greenhouse glass. Bauer Window Glass Co., Eaton, Ind.

GREENHOUSE INSURANCE.

Cyclone and hail insurance; also insurance on growing crops while in the fields. The American Mutual Cyclone and Hail Insurance Co., Muncie, Ind.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1000 Masonic Temple, Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 908 Blackhawk St., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Pecky Cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction and equipment. King Construction Co., North Tonawanda, N. Y.

INSECTICIDES.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nikoteen, excellent for spraying. Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset flower, vegetable waterproof paper pots. Vaughan's Seed Store, Chicago and New York.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Red pots. Geo. Keller & Sons, 2014-22 Herndon St., Chicago.

CARNATION STAPLES.**SUPERIOR CARNATION STAPLES.**

Mend your split carnations. Finest article for carnation growers introduced so far, 35c for 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 264 Randolph St., Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

Trade Directory

—OF THE—

United States and Canada.

Price \$3.00, postpaid

American Florist Co.,440 S. Dearborn Street
CHICAGO**STAKES.**

Cane Stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.
Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

WIRE WORK.

Florists' wire designs and fancy wire lamp shades. NORTHWESTERN WIRE WORKS, 228 13th Ave., N. E., Minneapolis, Minn.

WHOLESALE CUT FLOWERS.

Amling Co., E. C., Chicago.
Angermueller, Geo. H., St. Louis, Mo.
Badgley & Bishop, Inc., New York.
Bassett & Washburn, Chicago.
Berger Bros., Philadelphia, Pa.
Berning, H. G., St. Louis, Mo.
Budlong, J. A., Chicago.
Chicago Flower Growers' Ass'n., Chicago.
Coan, J. J., New York.
Coyle, James, New York.
Crawbuck Co., George W., New York.
Erne & Klingel, Chicago.
Ford, M. C., New York.
Ford, William P., New York.
Froment, H. E., New York.
Goldstein & Futterman, N. Y.
Gunterberg, M. C., Chicago.
Guttman & Raynor, Inc., New York.
Hart, George B., Rochester, N. Y.
Hentz & Nash, Inc., New York.
Hoerber Bros., Chicago.
Holton & Hunkel Co., Milwaukee, Wis.
House of Ferns, New York.
Kasting Co., Wm. F., Buffalo, N. Y.
Kennicott Bros. Co., Chicago.
Kervan Co., The, New York.
Kessler, Wm. A., New York.
Kruchten, John, Chicago.
Kuehn, C. A., St. Louis, Mo.
Kuhl, Geo. A., Pekin, Ill.
Kusik & Co., H., Kansas City, Mo.
Kyle & Forester, Chicago.
McCallum Co., Pittsburgh, Pa.
Meconi, Paul, New York.
Miller & Musser, Chicago.
Miller, Stuart, Philadelphia, Pa.
N. Y. Cut Flower Exchange, New York.
Niessen Co., The Leo, Philadelphia, Pa.
Percy Jones, Inc., Chicago.
Philadelphia Wholesale Florists' Exchange.
Pierson, A. N., Cromwell, Conn.
Pittsburgh Cut Flower Co., Pittsburgh, Pa.
Poehlmann Bros. Co., Chicago.
Pollworth Co., C. C., Milwaukee, Wis.
Polykranas, Geo. J., New York.
Pyfer & Co., A. T., Chicago.
Randall Co., A. L., Chicago.
Reid, Edward, Philadelphia, Pa.
Reinberg, Geo., Chicago.
Reinberg, Peter, Chicago.
Rice Bros., Minneapolis, Minn.
Riedel & Meyer, Inc., New York.
Rusch & Co., Gust, Milwaukee, Wis.
Sheridan, W. F., New York.
Siebrecht, Geo. C., New York.
Thompson Carnation Co., J. D., Joliet, Ill.
Tonner, O. A. & L. A., Chicago.
Totty, Chas. H., Madison, N. J.
Traendly & Schenck, New York.
United Cut Flower Co., New York.
Vaughan, A. L. & Co., Chicago.
Weiland & Risch, Chicago.
Weiss, Herman, New York.
Welch Bros. Co., Boston, Mass.
Welch, Patrick, Boston, Mass.
Wietor Bros., Chicago.
Wittbold, Geo., Co., Chicago.
Young & Co., John, New York.
Zech & Mann., Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

THE GOOD FEATURES OF Garland Quality Greenhouses

are best seen in the houses we have built. Davis & Steiner, Ottawa, 76x900 feet; Davis & Steiner's **THIRTEEN HOUSES** at Streator; Steilow Bros. at Niles Center; Geo. Hoeffle and Edward Meurett at Des Plaines; St. Adalbert Cemetary at Niles.

Our houses speak for themselves. Seeing is believing. May we not have your inquiry?

GARLAND MANUFACTURING COMPANY
DES PLAINES, LOUIS WITTBOLD, President. ILLINOIS.



Why Not Try
Advance
Sash Operating
Device?

is best on the
market.
Satisfact on guaranteed.

Advance Co.
Richmond, Ind.

Oklahoma City.

GOOD BUSINESS FOLLOWS HOLIDAY RUSH.

The last hours of the Christmas trade developed a wonderful demand, and everything salable both in plants and flowers was cleaned out entirely. It was the best Christmas ever experienced in the city. It may also be said that since that time there has been really no let-up in the demand; social events are numerous and the trade has all it can do to keep up with the procession. Belated azaleas are beginning to come in in quantity. There were very few of these on hand for the holiday, but with the call that seems to be so continuous, it looks as though they will be all disposed of satisfactorily.

The legislature convenes January 2, and will no doubt be in session for two months at least. This will bring lots of people to the city and there will no doubt be quite a little entertaining socially and florists will have plenty to do during that time.

Visitors: Frank Stuppy, St. Joseph, Mo.; Robert Newcomb, Chicago.

Detroit Bowling.

The Detroit Florists' Club bowling teams rolled three games Thursday night, Dec. 28, with the following result:

E. A. Feters.....	131	145	133
Edwin Pautke.....	128	122	141
Don Galvin.....	104	114	167
A. Sylvester.....	106	120	135
P. Pape.....	164	112	151
Joseph Streit.....	156	220	146
M. Bloy.....	151	148	202
Phil Scott.....	168	152	140
Fred Pautke.....	152	158	154
Edward Moss.....	123	157	136
Thos. Browne.....	130	157	132
Harry Taylor.....	156	161	114
Norman Sullivan.....	146	158	135
J. K. Stock.....	211	124	185
Frank Dolsky.....	125	129	115
Robt. Rahaley.....	137	118	129
A. Shields.....	78	100	128
Robt. Jean.....	118	85	108
J. F. Sullivan.....	158	174	128
Ernest Sullivan.....	208	116	131

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada


New Edition Just Out.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO

 You need it now for names and addresses.



**GOOD MATERIAL PROMPT DELIVERY
REASONABLE COST**

These are the points which count when you are in need of greenhouse material. Let us submit you our sketches and estimates. Our fine equipment, good stock and experience of many years enable us to give you satisfaction.

ICKES-BRAUN MILL CO.

2330 WABANSIA AVE. (near Western and North Aves.), CHICAGO
GREENHOUSE MATERIAL HOTBED SASH

The Regan Printing House
LARGE RUNS OF
CATALOGUES

— OUR SPECIALTY —
WRITE FOR PRICES
527 Plymouth Place, CHICAGO
Mention the American Florist when writing

FLUES
FOR RETUBING BOILERS.

Selected and in first class condition.
Cleaned both inside and outside.

H. MUNSON
1353 North Clark Street, CHICAGO
Telephone, Superior 572.

BOOKS FOR FLORISTS

The following books should be in every florist's and gardener's library. Send prices quoted and we send the books.

Mushroom Growing.—By B. M. Duggar. 260 pages, fully illustrated. Price, \$1.50.

Plant Propagation, Greenhouse and Nursery Practice.—By M. G. Kains. For both the practical man, the teacher and the amateur. 342 pages, fully illustrated. Price, \$1.50.

The Goldfish.—By Hugo Mulerdt. 160 pages, handsomely illustrated. Price, \$2.

Chrysanthemum Manual.—By Elmer D. Smith. Profusely illustrated. Price, 50 cents.

Landscape Gardening.—By Sam'l Maynard. 338 pages, 165 illustrations. Price, \$1.50.

Daffodils, Narcissis, How to Grow Them.—By A. M. Kirby. Illustrated. 233 pages. Price, \$1.21.

The Rose.—By H. B. Ellwanger. Its cultivation, varieties, etc. A complete guide. Price, \$1.25.

House Plants.—By Parker T. Barnes. 238 pages and 30 full-page illustrations. Price, \$1.20.

The Book of Water Gardening.—By Peter Bisset. 200 pages and 139 illustrations. Price, \$2.50.

Hedges, Windbreaks, Etc.—By E. P. Powell. 140 pages, with 22 illustrations. Price, 50 cents.

Orchids: Their Culture and Management.—By W. Watson. Eight colored plates. 544 pages. Price, \$10.

Greenhouse Construction.—By L. R. Taft. How to build and heat a greenhouse. Illustrated. Price, \$1.50.

Insects Injurious to Vegetables.—By F. H. Chittenden. 163 illustrations in the 262 pages. Price, \$1.50.

Greenhouse Management.—By Prof. L. R. Taft. Covers the subject completely. 382 pages. Price, \$1.50.

The Landscape Beautiful.—By Frank A. Waugh. An interesting book. 336 pages. Illustrated. Price, \$2.

Manual of the Trees of North America.—By Prof. C. S. Sargent. 826 pages, with over 600 illustrations. Price, \$6.

Commercial Carnation Culture.—Edited by J. Harrison Dick. A practical guide to modern methods of growing. 262 pages, freely illustrated. Price, \$1.50.

The Principles of Fruit Growing.—By L. H. Bailey. Fruit culture is treated thoroughly. 516 pages. Price, \$1.25.

Lawns and How to Make Them.—By Leonard Barron. A very useful and practical work. Illustrated. Price, \$1.10.

The Vegetable Garden.—By Vilmorin-Andrieux & Co. Most complete book published. Profusely illustrated. 782 pages. Price, \$6.

The American Flower Garden.—By Nellie Blanchan. Well bound. 368 pages and 92 illustrations. Price, \$5.35.

How to Lay Out Suburban Homes.—By Herbert J. Kellaway. Contains many useful hints. 112 pages, 38 half-tone illustrations and 15 plans and maps. Price, \$2.

Vines and How to Grow Them.—By Wm. M. McCullom. A list of varieties for different locations is contained in this book of 300 pages. Illustrated. Price, \$1.10.

Practical Floriculture.—By Peter Henderson. A guide to the successful propagation and cultivation of florists' plants. Illustrated. 325 pages. Price, \$1.50.

Success in Market Gardening.—By Herbert Rawson. No one in the business for profit can be without this latest edition. 271 pages and 22 illustrations. Price, \$1.10.

The Orchard and Fruit Garden.—By E. P. Powell. The volume is well illustrated and the author is a practical man who knows his subject. 321 pages. Price, \$1.50.

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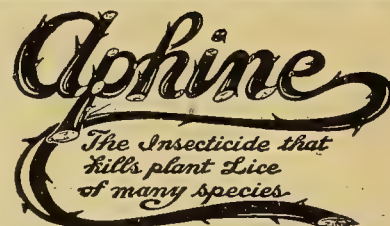
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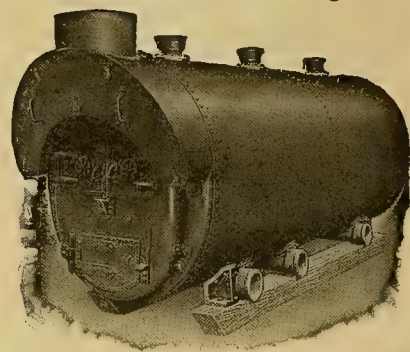
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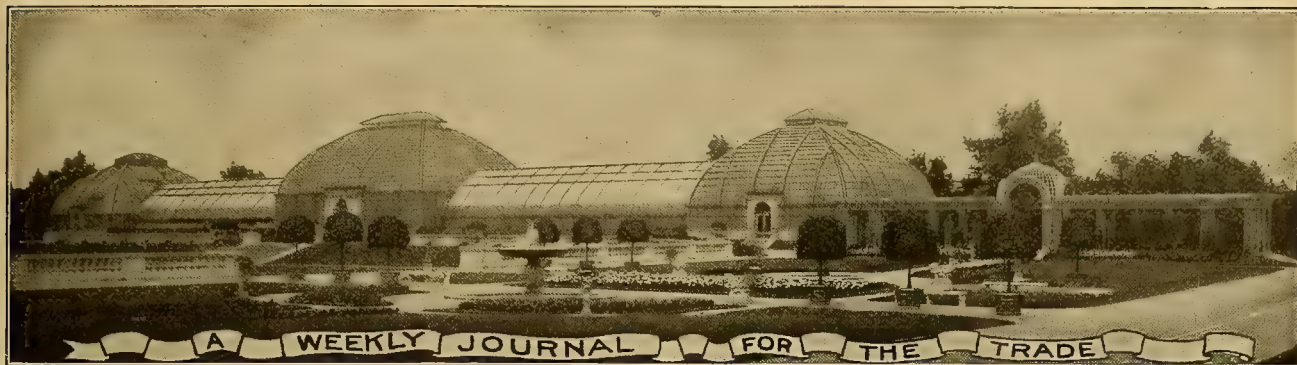
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CHICAGO AND NEW YORK, JANUARY 13, 1917.

No. 1493

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convention at New York, August 21-24, 1917.

Fifth National Flower Show.

The Fifth National Flower Show and the
Thirty-fourth convention of the Society of Amer-
ican Florists will be held at St. Louis, Mo.,
April 6-15, 1918.

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Indianapolis, Ind., January 31-February 1, 1917;
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Street, Chicago, Secretary.

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Next annual meeting and exhibition at New
York, August 21-24, 1917. CHAS. F. FAIRBANKS,
Boston, Mass., President; HENRY YOEUELL, 538
Cedar Street, Syracuse, N. Y., Secretary.

SUGGESTIONS FOR PLANT GROWERS.

Fuchsias.

It is a good time now to start the
old stock plants of fuchsias, for there
is plenty of room in the propagating
bench and it is the early struck cut-
tings that make the fine plants for
vases and boxes, and if cuttings are
taken in spring they immediately pro-
duce a flower and it is difficult to get
a good growth, the plant often re-
maining short with a stunted appear-
ance yet bearing flowers. If the old
plants have been thoroughly ripened,
shake the soil off and pot in a good
new loam, cut back the wood and
place them in a warm house and
syringe plentifully. The young
growths will shortly appear and
should be made into cuttings as soon
as they have attained a length of an
inch and a half or two inches. As
soon as rooted pot in 2-inch pots and
give the young stock a warm temper-
ature. When growth commences the
top can be taken off and another cut-
ting made, and the plants shifted to
3-inch pots. Another stopping will
be necessary in late winter to make
nice, bushy plants that will be full of
bloom in early spring. Keep them
clean from mealy bug by constant
spraying.

Lilies.

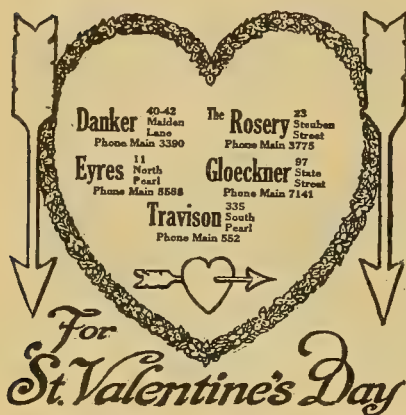
The lilies for Easter should be
brought into warm temperature right
after the first of the year. A house
of 60° at night should bring them into
perfect condition for Easter when it
occurs at the time it does this year.
Those that are in 4-inch pots should
be potted in 6-inch, and we have
found the best way to do this was to
first place a crock in the bottom of
the pot and cover with about an inch
of soil, then place the 4-inch plant on
this, filling in around the stem above
the old ball. The lily always throws
out roots at the base of the stem when
the buds form, and if potted in this
manner these roots will be in soil and
materially aid the plant in perfecting
the bloom. With these roots covered
with soil the plant also makes a much
better appearance. The soil in which

they are potted should be a rich com-
post of about the same composition as
is used in rose culture, and the plant
should be firmly potted and well wa-
tered and placed in a good light loca-
tion where the plants will not get
drawn. A plant 18 to 24 inches high
when in bloom with the foliage thickly
studded along the stem is the one
most desired at Easter. Keep the
aphis down all the time by constant
fumigation. These little insects are
the worst plague to the lily grower,
for if they once get established on
lilies they are very difficult to dis-
lodge, so it is much better to give the
plants a fumigation every week and
thus guard against them than to wait
until their presence is manifest and
try to kill them. This is one of the
most pronounced cases where "An
ounce of prevention is worth a pound
of cure."

Rambler Roses.

Of all the exhibits made at the
flower shows in the east a year ago
last spring, the Rambler roses attracted
the most attention. The varieties of
these beautiful plants have increased
rapidly and they can now be had in
all the shades of red and pink and
also white. The single varieties have
also been greatly improved and many
of these make most beautiful plants.
Every grower should have a few of
these for Easter, and even if they do
not sell they can be grown on for
next year when a finer and larger
plant will be had and the wood grown
this year can be propagated and if
planted outside will make nice plants.
Plants grown in the field and lifted
this fall will have to be started the
first of the year to have them in
bloom for Easter; pot-grown plants
can be started two weeks later. They
should be firmly potted in good rose
soil, and placed in a cool house, one
not running higher than 45° at night,
and syringed often to soften the wood.
Before the eyes start into growth the
plants should be tied out into the
shape they are to be grown. These
plants can by a little ingenuity and

"At Your Service"



St. Valentine's Day Advertisement.

Original Two Columns Wide, Five Inches High.

care be trained into any shape desired. Many fancy as well as grotesque forms are now seen every year. To the inexperienced the round spreading plant should be the first attempted. Five or six stakes at the edge of the pot with the stems wound around and two or three arching over the center is the simplest form. Experienced growers have them in the shape of umbrellas, large balls, ships, and any form they desire. When the growths have got well started the plants should be moved into a temperature of 55° at night, and the syringing on bright days should be kept up to prevent insects from getting a foothold. By the middle of March the flowers should begin to show color and if they do not a little warmer temperature will be required to have them well in bloom for the first week in April. A regular rose temperature of 60° at night will be necessary, but the flowers are not of as good color nor do they last as well if they are unduly forced. A fine assortment of these includes Crimson Rambler, Philadelphia Rambler, Dorothy Perkins, White Dorothy Perkins, Tausendschon, Lady Gay, Hiawatha and American Pillar, and in the Baby Ramblers, Crimson Baby, Jessie, Phyllis and Orleans.

Geraniums.

After the holiday trade there will be room enough to space out the geraniums and other bedding stock. The cuttings that were placed in flats, and the young stock in 2-inch pots, should be shifted to the 3-inch size and spaced on the benches so that a good growth is encouraged. As soon as well established in these pots the top can be cut off and another cutting obtained. All the young stock possible should be taken from the plants selected in the fall for propagating purposes, for all the cuttings from which it is expected to produce good sized plants should be in the propagating bench by February 1. Any rooted after March 1 will make small plants for bedding purposes. The best stock for late May and early June planting should be in 4-inch pots by April, that they may be well enough established by the middle of May to begin to flower, and should have at that time three or four good branches so that a succession of bloom is assured.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

After the Holidays.

There is oftentimes a lull for a week or so after the first of the year, which gives an opportunity to make the store as inviting as possible. The social season should now come, the time which will be full of all kinds of functions, dinners, balls, receptions, theatre parties, etc., for all of which there is always more or less demand for floral decorations. "We are giving a dinner next week; what suggestions have you to offer in floral arrangement—I want to have something a little different?" This will soon be the question of the hour, which could be best answered from a number of plans and color combinations already worked out. Last year's successes have been in mind, and along these lines in the various high and low treatments, with the tall vases filled with long stemmed flowers that were kept above the line of vision, and the low shallow bowls

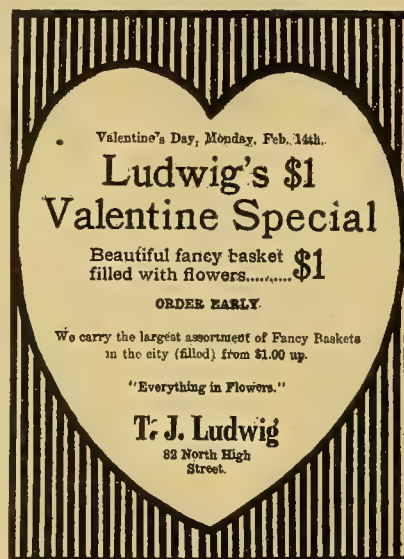
and receptions, increase the demand for flowers for personal adornment. Every lady must wear a corsage or a few flowers to give color effect. Cat-tleyas are first choice. Corsages made of orchids with lily of the valley and Farleyense are the acme of the florist's art. Mexican ivy is substituted at times for green on account of its keeping qualities. Violets and Sweet-heart roses, sweet peas and lily of the valley, and gardenias, which are a great favorite with many, are all good selections for the corsage. The bronze tinted, Mrs. Ward and lily of the valley, are also much favored.

A line of flowering plants are good stock at this time; they give a color effect to the decorations of the store, and are generally in demand to add cheer for the sick or for plant windows that are now a feature of many city homes.

The store windows should receive the best attention. Many people go considerably out of their way to see the decorative effects for which many stores have gained a reputation. Timely displays of well arranged flowers, showing artistic effects, are sure to command attention and add to the fame of the store. Plants or baskets of choice flowers, prominently shown, although they compel admiration, may not at that time be wanted, but the impression is made, and when occasion arises, the house will get the order. K.

Floral Holidays—Valentine's Day.

February fourteenth has great possibilities as a floral holiday. As it is, those who for their own benefit exploit the day within their comparatively narrow circle, generally have all they can do, with very satisfactory returns. If the proper publicity along the lines of associating the day with flowers was taken up in the largely populated centers all over the country, the demand created would be almost impossible to supply. With the example of what has been done in the comparatively little general effort to boost Mothers' day and the splendid results obtained in Cleveland, Detroit, Columbus and in other cities, to a more or less degree all over the country, there is every reason to believe that the public will respond heartily to any concerted movement that is enthusiastically put before them.



St. Valentine's Day Advertisement.

Original Two Columns Wide, Six Inches High.

that were so much in vogue last season, together with the great variety of flowers now in the market, many beautiful effects are possible.

Flowers in pink, red, lavender, yellow, white and green, in solid colors or their various shades, make striking and handsome decorations. An orange colored arrangement, with calendulas and mignonette or with Sunburst and Mrs. Ward roses, mignonette and orange snapdragon is very effective.

Pink snapdragons and sweet peas make a dainty table. Red roses, the flowers well advanced, and mignonette, are a very rich combination. A low, long center of growing ferns, in sections that fit together, in which are concealed vases to hold the flowers, makes a striking center piece. It extends the full length of the table, providing a background suitable for any color combination. A figured or plain chiffon ribbon, pinned to the cloth just inside the plate line and tufted at the corners, of the same color as the dominant flower, is effective.

The numerous theatre parties, balls



St. Valentine's Day Advertisement.

Original Two Columns Wide, Six Inches High.



Violet Valentines

The Original Penn Creation

In Heart-Shaped Boxes

A beautiful bunch of Violets artistically arranged in a heart-shaped box, enclosed in an outside box for shipping.

Price \$1.50 Complete

Sent Anywhere in New England for \$1.75
Mail Orders Will Be Given Our Usual Attention

Henry Penn *Penn The Florist* William Penn

124 TREMONT ST. OUR ONLY STORE
Boston's Flowerphone Oxford 8900

St. Valentine's Day Advertisement.

Original Two Columns Wide, Eight Inches High.

CO-OPERATION.

Publicity is the greatest factor in business, but in the various florists' clubs of the country, where men gather together to discuss matters of general interest to the craft, this vital subject is rarely ever mentioned. There are fortunately some exceptions. The Cleveland club, all praise to them, has blazed the way and shown what can be done by well organized publicity in exploiting Mothers' day, and in the remarkable success achieved in the flower shows given under their auspices.

There are just as willing workers in every club in the land, but they seem to lack enthusiasm or leadership, or wait for the other fellow to take the initiative. They meet together and have a good time, instructive papers are read and discussed, but this vital principle that will give them returns in dollars and cents is considered individual, to be worked out by each separately, according to his ability.

Growers make the plea that they have nothing to do with the sale of flowers at retail, all their skill and energy being devoted to their production. Commission dealers, who market the product, are without doubt the most important factor of this great industry; their interest lies in obtaining the best returns possible. They increase the demand for flowers by building up and encouraging their sale in an ever-widening territory, but to them, publicity and all such details of final distribution, is entirely a matter for the retail dealer.

Through the avenues of final distribution, ranging from the palatial stores of the large cities to the large middle and less pretentious class, and finally to the curbstone dealer, is obtained all the money to support this vast industry. This is an army of workers, each one for himself, the welfare of the grower or the wholesale dealer being no more to him than his

is to them. Why cannot these divisions of the trade be gotten together? Their interests are mutual. Well planned national or even local campaigns of equal benefit to all, could not fail but be of the greatest advantage.

All dealers should be encouraged to feature and make the most of Valentine's day. In all the leading stores there are men of initiative who are constantly bringing forth new things, bright ideas that count and have their day. If each were prevailed on to do his best to make this coming celebration a floral event, such a general observance could not but be noticed

A VALENTINE



Will be appreciated on Lovers' Day

Special for this day of days we offer some very unique ideas of Baskets, Jardinieres, Cupids, Blue Birds, Heart Shape Boxes, Darts, Cords, Pins and Ribbons.

Corsage Bouquets of 100 double Violets at \$1.50 each. All Flowers arranged in Valentine Boxes gratis.

Large selections of Spring Blooming Plants.

A. LANGE, Florist
25 East Madison Street
Tel. Central 3775-6-7-8.

Branch Store in Corridor Stevens Bldg.

St. Valentine's Day Advertisement.

Original One Column Wide, Six Inches High.

and result in a much greater sale of flowers. If in each community the leaders of the trade would agree to feature the day and make the noise loud enough, the local papers would take it up and print data and illustrations of the latest ideas, if they were furnished them. Appropriate window cards would be displayed by many stores if they were furnished free or at small cost, who would never think of or go to the trouble of getting them out for themselves. Such cards and window stickers, printed in large quantities, could be furnished at low cost to wholesale men or other large dealers for distribution, all of which would have great influence in making this a great floral holiday. K.

The Street Merchant.

Paper by E. J. McCallum read at the January meeting of the Pittsburgh Florists' and Gardeners' Club.

This is a subject that a commission man must handle delicately, as he is liable to tramp on the toes of either his consignors or his best customers, and as his business depends entirely upon both he often cannot cite certain instances to prove his contention nor make as positive statements as he would like to. Taking these things into consideration I would like you to consider the following for what it is worth:

To start with, there are three classes of street fakirs, according to the viewpoints of the different classes of florists. First, there is the average street stand which has a small room and a large glass case filled with flowers and covered with cut price signs. Legitimate florists often disdainfully refer to them as "The Greeks," and continuously ask how can they sell at such low prices that make his customers think he is a robber. Secondly, there is the street stand which, in addition, employs boys to sell on the streets and these are looked down on by "The Greek" as badly as the high-class store looks down on him, and he disdainfully refers to these people as "The Jews" and angrily asks the commission man where they get the stock they sell so cheap, and go into a frenzy if one of "The Jews" get too close to his stand. Third, there is the boy who is connected with no stand and sells

Telephone
Harrison 3342

Telephone
Harrison 3342



Exclusive Novelties in Floral Valentines

(Mother
For Wife
Sweetheart)

Corsage Bouquets of \$2 | Of \$1
of Orchids, "2 | Violets, "

SPECIAL RED HEART BASKETS OF FLOWERS AND CANDY.

ROSES
Fleischman

Chicago's Leading Florist

JACKSON AND MICHIGAN BOULEVARDS

St. Valentine's Day Advertisement.

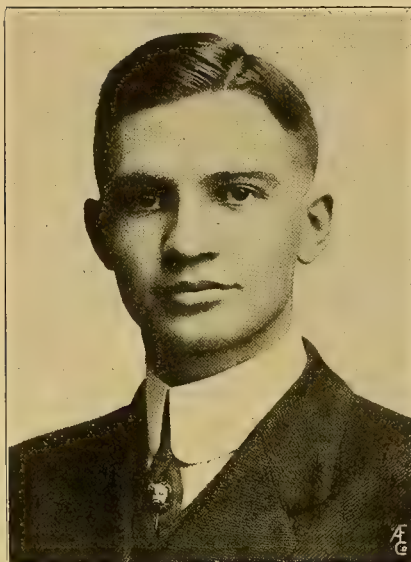
Original Three Columns Wide, 14 Inches High

wherever he can make a sale. In turn both "The Greeks" and "The Jews" disdainfully refer to these free lances as "kikes," and they continuously ask the commission man not to sell them at all, as he hurts their business, and as large, or clean-up buyers of junk, they should be protected.

Besides these people there should be taken into consideration the market gardeners who sell quantities of summer flowers, chrysanthemums and bulbous stock at ridiculously low prices. Thus we see that the seemingly simple subject, "The Fakir," is rather complex. The writer believes that all these people do both harm and good to the true florist. Harm, because there are instances where as a result a florist will get a call down for being a robber, which undoubtedly is bad for the business, and good because they create ultimate customers for the florist. I mean by this, there are thousands of people who do not feel that their love for flowers is enough to overcome the loss of a dollar bill or even a 50-cent piece. Their idea of the value of flowers being the same as yours or mine is, of a small bunch of wild flowers gathered by the country boy and offered for sale at our back door. This class of people will gladly spend 25 cents for a few flowers from the "kike" on the corner and upon taking them home find that they create so much pleasure among the ladies of the household that he mentally resolves to bring home a little happiness more often in the future. A few such purchases convinces him, or her, that their flowers are not as nice as the ones on the stands at a higher price and feels that it would be worth while to spend a little more and get better flowers. He thus becomes a customer of the regular stands, and if anyways well-to-do, probably begins to patronize the legitimate florist where he gets service and art as well as flowers. In any event, if he does not patronize them now, he certainly never would have anyway, and so the florist is not out anything, even if he did not gain anything. The customer of any commodity will always purchase where his taste dictates. Thus one candy buyer will go into Huylers, although he knows he can buy cheaper next door, but he wants what he thinks is best. Another will go into Reyers, thinking they are a little less expensive, although he knows he can buy a little cheaper next door. Another goes into the first candy store he sees, although he knows he can buy cheaper from the Italian peanut stand. The customer of each of these candy dealers is satisfied, and not one store has interfered with the business of the other. Or, furthermore, will we go into a cheap restaurant if we want a good meal? Will we buy a pair of shoes from the curb dealer? Will we stop into the phoney jewelry store for a watch? Will you buy your fruit from the dirty Arab peddler's push cart? So, where will flower buyers buy their flowers?

As for maintenance of high prices regardless of season. Very little explaining is necessary to your customers as to why prices are lower or higher than last time if we only take the trouble to tell them what conditions, such as sunshine, weather, crops, seasons, etc., have to do with the supply. Does the customer question the price of strawberries in March because they are cheap in June?

Now a word for the poor wholesaler who is accused of deliberately conspiring with "The Jew" and "The Greek" to undersell the store man. Nothing is further from the truth. To start with, the grower never forgets to remind the commission man that he must have high prices in order to pay his coal and labor bill. The commission man who ignores this soon finds himself without shippers. That alone prevents the wholesaler from sacrificing prices to anyone. However, Mr. Commission Man receives his flowers in the morning and holds them all for what he thinks a fair price, no matter which class the buyer belongs to. Perhaps he does not clean up that day and is compelled to carry some flowers over



Harold Joy.
Manager Joy Floral Co.'s Greenhouses.

until the next day. If so, and the flowers are still in good condition, he tries to get the regular price, but if towards evening he still has them on hand he is willing to sell them to anyone at a reduction. Note that I say anyone, but the only man who will take him up (and I talk from experience) is the street stand. He thus gets his flowers at a reduction. Now, suppose the street stand does not want them, even at a reduction; then the "Jew" is the only one to turn to. By this time the desirable colors, grades, etc., are gone and only the leavings are left. While some of them with a little picking and sorting over, still look fresh, yet they are all old and if this party does not buy them they will have to be dumped. Naturally the price is not much, but it at least gives the grower something. It will be seen from this, that except in rare cases do the street men get fresh flowers, and when they do they pay full price. It would be the height of foolishness to sell the fakir good stock at a low price when there is a chance to sell it to some one else at a higher price. That isn't human nature. Reducing the length of stems as suggested by our previous speaker would not be practical, as the fakir will always pay a better price for a more desirable lot of flowers and perhaps would not touch them at any price if the stems were

too short. In roses, where there are five or six grades, that practice would make seconds out of specials, as well as the firsts, and the fakir will pay his different prices for each grade the same as the retailer. Even at that the wholesale man has not time to go over each flower and reduce its length.

Now as to a remedy. I frankly feel that there is none, but I would suggest one thing the retailers could do to remedy this to a great extent and fully believe it is the only partial solution there is. I also firmly believe it would be the cheapest advertising a florist could get, and that is to buy up these flowers during glut periods while they are still good (at a cheap price, of course) and donate them to their customers and would-be customers. Thus a box of a dozen carnations or roses, including delivery expense, would be no more than 15 cents each and could you beat that as an ad?

Harold Joy.

Harold Joy, second son of the late Thomas C. Joy, of the Joy Floral Co., Nashville, Tenn., is a native of that city and has lived there the greater part of his life. He was educated at Montgomery Bell academy, graduating with high honors. From childhood he has been in and around the greenhouses and early took an interest in the growing of plants. Even in boyhood he began to learn the art of floriculture. As he grew older and decided to continue in this work he determined, under the advice of his father, to take a wider field for study, and with this in view he went to Nahant, Mass., where he was with Thos. Roland, having previously spent some time with Denver, Colo., growers.

Some months before his father's sudden demise he returned home and side by side with him superintended the greenhouses. He was, therefore, well prepared and eminently fitted to step into his father's place and take charge of the work. He has been made secretary and general manager of the company, while his brother, Thos. H. Joy, has charge of the store. There are employed at the greenhouses 37 men and the entire plant covers 260,000 feet of glass. Mr. Joy has been growing roses for more than a year, commencing work before his father's death under the training of Godfrey Johnson, an experienced grower, and he is making a specialty of this branch of the work.

Mr. Joy is 25 years of age and was married two years ago to Miss Ethel McAlister of Nashville.

BALTIMORE, MD.—W. J. Halliday, who has been laid up with grippe, is able to attend to business again.

PASSAIC, N. J.—John L. Lunsted is building a new greenhouse, 42x350 feet. This will bring his glass area up to 40,000 square feet, the John C. Moninger Co. supplying the material, while a new No. 6 Kroeschell boiler has been added to the heating plant.

BOSTON, MASS.—At a meeting held at the office of the Waban Rose Conservatories, December 18, a rose growers' association was formed which will have for its object the exchange of views regarding market conditions and the giving of credit information. Among those in attendance were Wm. Elliott, Alex. Montgomery, Wm. McAlpine, Allan Pierce, Neil Boyle, Thomas Roland and P. Donahue.

PLAN OF THE MAIN FLOOR

Thirty-third Annual Meeting and Trade Exhibition

SOCIETY OF AMERICAN FLORISTS and ORNAMENTAL HORTICULTURISTS

August 21-22-23, 1917

GRAND CENTRAL PALACE

480 Lexington Avenue NEW YORK CITY

Please Read the Rules Governing this Exhibition

SPACE RENTALS

Cost of space 40 cents per square foot. This does not include tables, platforms, decorations or signs.

The selling of goods by persons or firms not having engaged space will be prohibited, unless such person or firm shall have secured a permit or license from the Secretary, the same to cost not less than \$20.00.

DIMENSIONS OF SPACES

Space	Size	Count	Area
Space 101	10x20	201 to 232	10x16
Space 115	10x20	301 to 310	10x15
Space 401	10x20	311 to 348	10x12
Spaces 500-501 Special	Space 387	33x6	

All other spaces 10x10 feet.

EXHIBITION CLASSES ARRANGED AS FOLLOWS:

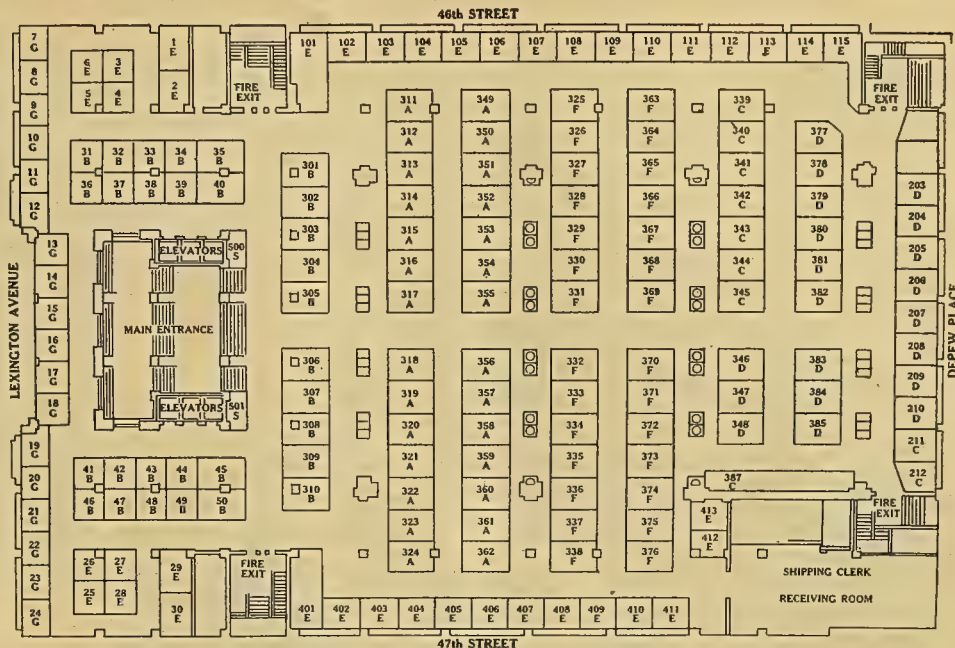
- A—Plants
B—Cut Blooms
C—Boilers and Heating Apparatus
D—Greenhouse Structures
E—Florists' Supplies
F—Bulbs, Seeds and Garden Requisites
G—Miscellaneous

Address all communications to

JOHN YOUNG, Sup't Trade Exhibition
53 West 28th Street, New York City

First Come! First Served!

For Cause of the Rules and Regulations governing this Exhibition
Address the Secretary or show
The Superintendent of Trade Exhibits reserves the right to allot space
in other sections if the designated section is sold on
receipt of order for space.



MAIN FLOOR PLAN, EXHIBITION HALL, NEW YORK CONVENTION OF THE S. A. F.

Chicago Florists' Club.

The regular meeting of the Chicago Florists' Club was held at the Hotel Morrison, January 4, President Henderson in the chair. W. J. Baumer, Berwyn, Ill., and Thos. Heaven, Benton Harbor, Mich., were elected to membership, and Duncan E. Robertson, who has been away from the city for a number of years, was nominated for membership. The transportation committee presented Indianapolis trip report on the occasion of the annual convention and exhibition of the American Carnation Society, to be held in that city, January 31-February 1, full particulars of which will be found elsewhere in this issue.

President Henderson thanked the officers and members for their hearty support during his term of office and bespoke their cordial assistance and co-operation for his successor, President-Elect W. H. Amling, who, on account of his health, was unable to be present. Secretary French and Treasurer Klingsporn presented their annual reports, which make a good showing for the club with 244 members in good standing and a cash balance of \$352.61. The receipts of the year amounted to \$1,146 and disbursements to \$1,552.64. There were 22 applications for membership, two reinstatements and two resignations. The old ledger shows 29 delinquents and the new 39. Vice-President Paul Klingsporn, Secretary Allie Zech and Treasurer Otto H. Amling, elected at last meeting, were then installed, Mr. Klingsporn assuming the chairmanship of the meeting, and the following letter was read from President-Elect Amling:

"It is with deep regret that I am missing this meeting. Although I am getting along nicely and have good chances for an early recovery from my late illness, my physician would not grant my request to let me go to the meeting to-night, but called it unwise and urged me to wait another month. Since the pen is mightier than the sword and the doctor stronger than the patient, I must submit to his ruling. However, if I can not be with you in



Mayor-Elect Tuson of Windsor, Ont.

person I am with you in spirit and wish the club as such and each member individually good health and a very happy and prosperous New Year and an enjoyable time for the evening. I hope that all the rest of the officers elected for the coming year come well prepared with a good long speech that you will not miss the chairman. Especially our new secretary, who is world renowned for his talent in speaking, has something up his sleeve and is loaded to the brim. Get it out of him. And I know that the Vice-President-Elect with his pleasant face and melodious, touching voice, will do such credit to the chair that the club will be more than pleased. It being the duty of the chairman to appoint certain standing committees I would beg the following gentlemen to serve for the year—Good-of-the-Club, George Asmus, Guy French and Fred Lautenschlager; Sports and Pastimes, Peter Olsem, Fred Price and Joe Einweck; Transportation, Michael Barker; Sergeant-at-Arms, Michael Fink. Hoping to be able to meet you all personally at the February meeting, I am, very truly yours."

There was an interesting discussion on publicity in which Samuel Seligman suggested the use of posterettes for St. Valentine's Day. Peter Pear-

son favored signs on florists' delivery wagons and E. A. Ollinger and others spoke for street car advertisements. Frank Krause, a visitor, however, suggested posterettes and these met with such approval that a committee consisting of Fred Lautenschlager, George Asmus and Michael Barker was appointed to get out a supply well in advance of this date to give them a trial. Full details of this posterette work already outlined by the committee will be found elsewhere in this issue.

The Wm. F. Kasting Co., Buffalo, N. Y., staged a fine vase of the new Chrysanthemum Hamburg Late White, which attracted much attention.

There were some fine roses on exhibition from the Chicago Flower Growers' Association, Mrs. Chas. Russell and Ophelia, grown by F. Stielow, Niles Center, and Killarney Brilliant and Milady, grown at the Wellworth Farm Greenhouses, Downer's Grove; also Golden Spur narcissus, grown by August Jurgens.

Iles Cole, of Springfield, who was a visitor, spoke of the meager prizes offered in the professional classes at the state fair and urged that some action be taken to improve this condition.

August Jurgens, who was still in the hospital, sent his regrets in being unable to attend the meeting.

New York Florists' Club.

The monthly meeting of the New York Florists' Club was held on the night of January 8, with a large attendance. The officers-elect were installed. In turning over the gavel to President Stumpp the retiring president, Henry Weston, made an appropriate speech, thanking the members for the loyal support he had received during his term of office. His remarks were applauded, President Stumpp made a clever address. He will work heartily for the welfare of the club and hopes that every member will "do his bit" during the coming year. Vice-President Fieser made interesting remarks and pledged himself to do his

share for the good of the club. Roman J. Irwin, John Canning and Alfred Kottmiller, trustees, were introduced and made appropriate remarks, as did Secretary Young and Treasurer Rickards.

President Stumpp appointed committees as follows: Legislation—W. H. Siebrecht, Jr., chairman; James McHutchison and F. R. Pierson. Essay—Leonard Barron, J. Harrison Dick and L. W. C. Tuthill. Exhibition—Charles

J., exhibited seedling carnation No. 22, scarlet; highly commended. Guttman & Raynor, Inc., New York, staged pink rose, September Morn, sport of Prima Donna, lighter shade; highly commended. P. W. Popp, Mamaroneck, N. Y., exhibited hyacinths; vote of thanks.

Acknowledgments were received from two members who are sick, thanking the club for its interest, and stating that they are improving.

A. F. F.

OMAHA, NEB. — Hess & Swoboda's 1916 Christmas trade was 16 per cent greater than a year ago, with prices about as usual. The cut-flower supply was plentiful and of good quality, with the exception of bulbous stock, which was poor. Plants were more popular than a year ago, and while azaleas were not up to standard, fine cyclamens, poinsettias and baskets sold well. Owing to cold weather many plants were frozen in delivery. Ten per cent more business could have been done, but facilities to handle the trade were limited.

POUGHKEEPSIE, N. Y.—The Saltford Flower Shop reports a most satisfactory Christmas trade. Prices were about the same as last year, except in the case of roses and carnations, which sold at better prices. The quality of stock was very good, especially in sweet peas and calendulas. Owing to a lack of supply in azaleas the plant department did not make as good a showing as usual. There was a decided increase in the number of Florist Telegraph Delivery orders.

CINCINNATI, O.—O. H. Hoffmeister reports little difference in either volume of business or prices in comparing the Christmas trade of 1916 with that of the corresponding period a year ago. Roses and carnations were plentiful but violets were very scarce. Narcissi were in good supply and the demand was excellent. The quality of stock was better than a year ago. All colored flowers sold well and any sort of flowering plant found a ready buyer.

QUINCY, ILL.—Gentemann Bros., in comparing 1916 Christmas sales with those of a year ago, report a 20 per cent increase at normal prices. Bulbous stock was plentiful, but the demand was not very heavy. Roses and carnations in the red varieties showed a marked increase in popularity, as did violets, and all were far short of requirements. Flowering plants sold especially well.

CANAL DOVER, O.—C. Betscher reports a sellout in all lines, and while prices were no higher than a year ago, his sales total shows a substantial increase over that of the 1915 period. In bulbous flowers, cut narcissi sold fairly well. In blooming plants there was a better demand than a year ago and customers seemed easier to please.

TAMPA, FLA.—A very satisfactory Christmas trade—far better than in former years—both in plants and cut flowers at usual prices, is the report of the Tampa Floral Co.



CRAIG FIRE AT PHILADELPHIA, JANUARY 6.

Photo by Courtesy of Whilldin Pottery Co.—See Philadelphia Newsletter, Page 1410.

Knight, H. C. Riedell and Richard Hughes. House—Philip Kessler, chairman; A. Buckholtz and Alex. Donaldson. Annual Dinner—A. L. Miller, chairman; Chas. Schenck, Emil Schloss, Thos. B. DeForest and John G. Esler. Awards—P. W. Popp, chairman; J. A. Manda, Henry Weston, Chas. H. Brown, Julius Roehrs, Percy Rigby and W. H. Duckham. Committee on Special Awards for the Club—John Canning, W. R. Cobb, Julius Roehrs and W. H. Siebrecht, Sr. An outing committee will be appointed later.

A. L. Miller suggested the appointment of a committee to act on the work pertaining to the convention of the Society of American Florists, which will be held in this city, August 21-24. F. R. Pierson and Prof. E. A. White of Cornell University, were appointed delegates to the Federation of Horticultural Societies and Floral Clubs, which meets in Ithaca, N. Y., February 14. Prof. White is a member of the New York Florists' Club. A flower show committee will be appointed later. The present flower show committee reported progress.

A large number of proposals for membership were received. The following were elected members: Carl C. Reck, Bridgeport, Conn.; L. E. Dupuy, Whitestone, N. Y.; A. Van Praag, 4 West 40th street, New York; Arthur Marshall Clarke, 2139 Broadway, New York.

The retiring officers were tendered a hearty vote of thanks. Treasurer Rickards read his report, showing that the club has over \$14,000 in the treasury. Notice was given of a meeting and exhibition of the Horticultural Society of New York at the American Museum of Natural History, January 13. The dinner committee will report later on the date for the annual dinner, which is likely to be held at the time of the spring show.

H. Fred Byxbee, Norwalk, Conn., exhibited two vases of daphne; cultural certificate. G. F. Neipp, Chatham, N.

Christmas Trade Reports.

KANSAS CITY, MO.—Samuel Murray reports a substantial increase in the volume of Christmas trade for the 1916 period as compared with that of a year ago. Prices were better and the supply equal to the demand with the exception of home-grown violets. Stock in general was of good quality with the possible exception of American Beauty roses, which were soft. Plants were in greater demand than a year ago and there was an increased call for orchid corsages. The weather was ideal, making delivery easy.

MIDDLETOWN, N. Y.—Edward Lortz reports an increase of about 15 per cent in Christmas trade as compared with that of 1915. Cut flowers were short of demand. There was an increase in the demand for flowering plants.



CRAIG FIRE AT PHILADELPHIA, JANUARY 6.

Photo by Courtesy of Whilldin Pottery Co.—See Philadelphia Newsletter, Page 1410.



W. H. Rowe.

Treasurer St. Louis Flower Show Ass'n, Inc.



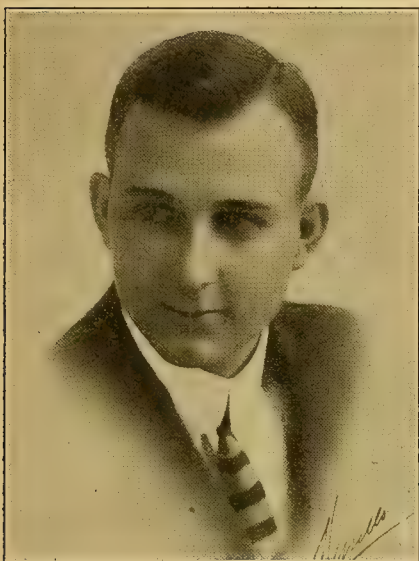
Jules Bourdet.

Chairman St. Louis Flower Show Ass'n, Inc.



George B. Windler.

Director St. Louis Flower Show Ass'n, Inc.



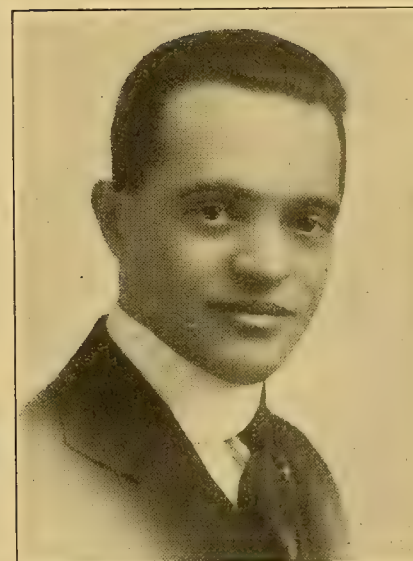
Frank A. Windler.

Vice-Chairman St. Louis Flower Show Ass'n, Inc.



W. W. Ohlweiler.

Secretary St. Louis Flower Show Ass'n, Inc.



Marion W. Uhlschmidt.

American Florist Representative at St. Louis
SHOW.

SOME WORKERS FOR THE ST. LOUIS SPRING SHOW.

WATERTOWN, N. Y.—Fred E. Avery reports Christmas sales this year somewhat better than in 1915, with no increase in prices. Roses and violets were plentiful but carnations were short of the demand, shipments being delayed by a storm. In the plant section, the flowering sorts had the lead. Money was plentiful and people spent more freely than in several years past.

BUFFALO, N. Y.—S. A. Anderson reports increased business and better prices for the holiday season just passed as compared with that of a year ago. Stock was plentiful and excellent in quality. There was an increased demand for plants and good flowers and plants specially trimmed for the season sold especially well.

WASHINGTON, D. C.—Gude Bros. Co. reports an exceptionally good demand during the 1916 Christmas period, everything from fern dishes to large palms finding ready sale. Sales were about 15 per cent greater than last year and prices somewhat higher with a plentiful supply to meet a heavy call for high grade stock.

HAVERHILL, MASS.—W. F. Abrams & Son report 1916 Christmas sales 25 per cent greater in money value than those of a year ago. Prices advanced in about the same ratio. The cut flower supply was limited and bulbous varieties enjoyed a good call in consequence. In plants, primroses, cyclamens and begonias sold nearly twice as well as last year.

PEORIA, ILL.—Volume of business and prices were about on a par with the corresponding period in 1915 is the report of B. Juerjens. The cut-flower supply was limited and in consequence bulbous varieties found ready buyers. Carnations and roses were of better quality than last year. Everything sold well with a splendid demand for made-up baskets.

GREELEY, COLO.—With a demand for cut flowers 50 per cent greater than the supply, and a greater call for plants than in previous years, the Gardner Floral Co. estimates its holiday sales for 1916 about equal to those of the corresponding period last year. Prices and quality of stock were about as usual.

Rochester Florists' Association.

A meeting of the Rochester Florists' Association was held in Musician's hall, January 8, and after a short business session the newly elected officers were installed as follows: H. B. Stringer, president; Fred Thomann, vice-president; Geo. T. Boucher, treasurer; Ambrose H. Secker, secretary. Charles Vick, the retiring president, was presented with a handsome large cut glass vase filled with Sunburst and Francis Scott Key roses. The newly elected trustees are John Dunbar, A. H. Salter and Hugo Teute. Several new applications for membership were voted upon.

Professor E. A. White, of Cornell University, extended an invitation to the members of the association to attend the meeting and exhibition of the New York State Federation of Horticultural Societies and Floral Clubs to be held at Ithaca, February 14-17. No action was taken at this time, however.

A "jolly sing," in which all participated, was arranged for the last half of the meeting and solos were rendered by Geo. T. Boucher, Horace J. Head and Richard Teute.

E. C. A.

Boston.**DEMAND QUIET BUT PRICES FIRM.**

Although business during the past week has been rather quiet, the general shortage of stock has kept the prices up on nearly all lines. Carnations and roses are the leading items and they have been selling well all week, the former at \$5 and \$6 per 100, the latter moving at prices varying from four cents to 16 cents. The carnation supply is very short. Violets are also being received in limited numbers and find ready buyers at \$1 per 100. Bulbous flowers are seen, and being considered at this time in the class of novelties meet with ready sale. Irises are arriving in small quantities and are quoted at \$3 per dozen. Mignonette is more plentiful and does not move as well as in the past at this season of the year. The plant trade is not exceptionally good, although sales are as good as can be expected. Azaleas, begonias and primulas are the most plentiful.

NOTES.

Robert Montgomery, of Natick, Mass., narrowly escaped death, January 6, when he fell down the stairway at the Thos. J. Gray Co.'s store, 32 South Market street. He was found at the foot of the stairs by his son, Robert, after the store was closed. His right shoulder was severely hurt and he received internal injuries, the extent of which are not as yet known.

One of the finest vases of carnations ever seen in this market is that of the new variety, Laddie, grown by S. J. Goddard, Framingham, Mass. Each flower measured four inches in diameter and were almost perfect in shape. He is also cutting some very fine Rosalia and Nancy.

John Lynch, Norris Comley's new salesman, is receiving better carnations than have ever before been seen at this establishment. The violets seen here are also of the first quality. Roses are coming better, some fine Stanley and American Beauty being in evidence.

A. S. McDonald, dealer in greens and berries, will be compelled to move from his present location, 45 Temple place, shortly, as the building is to be remodeled. He will try and secure a location nearer the wholesale flower growers' center, Winthrop square.

Philip L. Carbone is getting his store back into better condition than ever, following the destructive fire which destroyed much of his stock of glassware and antiques before Christmas. A fine display of French iris was noticed in his windows, January 6.

Walter Holden of the Co-operative Flower Market, is receiving a fine lot of Boston ferns from Arthur Coolidge, of Cambridge. F. L. W.

Pittsburgh, Pa.**MARKET CONDITIONS AGAIN NORMAL.**

The cut flower market is now back to normal; no great rush and about enough stock to meet the demand. Roses are not plentiful and still hold up in price, the best specials selling at \$12 per 100. American Beauties are not moving very fast and some have been sold very cheap. Carnations are good and hold to \$3 per 100. Paper Whites and lilies are quoted at fair prices. Some very good single violets are seen in this market, and are selling well. It has been some time since single violets have been shipped here. Greens are plentiful. Almost all the dealers have had a good rest and are now taking things a little easy.

CLUB MEETING.

Probably the most interesting meeting of the florists' club that has ever taken place, from the viewpoint of the

retailers, was the regular meeting held January 2. The subject under discussion was "The Street Fakir." Henry Meuschke had read a paper on this subject at the previous meeting, which was to be answered by E. J. McCallum. Upon this paper being read, the president asked for remarks from those present. Intense interest was created in the dramatic speech of A. Krongold, introduced as the "King of the Street Fakirs," and who defended his profession in a vigorous style. Some fine specimens of primulas and hyacinths were shown by M. Leeck of New Brighton and Carl Becker. Nomination of officers for 1917 also took place, the election to be held next month. The special committee appointed to investigate the possibilities of a flower show to be held in Pittsburgh next fall reported adversely and the project was given up and all agreed to turn in and give all help possible to the Sewickley Florists' Club show to be held next fall. It was also proposed that Pittsburgh try and secure the 1918 meeting of the Chrysanthemum Society of America and hold a big flower show in connection therewith. This is a movement that should enlist the support of every florist in western Pennsylvania.

NOTES.

The Haymen Greenhouse Co. of Clarksburg, had a wonderful business at Christmas time and had to call on other cities for stock to supply their trade. They are sending out a very neat calendar, which is worthy of mention.

Mrs. E. A. Williams is having her share of decorating this winter and keeps the entire force working night and day.

Wm. Loew has been on the sick list since the first of the year, but is now able to be around with the help of a cane.

E. J. McCallum, who has been living in the city since November 1 has returned to his home at Allison Park.

Fred Burki left January 3 for an extended trip to Florida and the Isle of Pines.

Visitor: Milton Alexander, representing Lion & Co., New York. M.

Cleveland.**NEW YEAR OPENS WITH GOOD BUSINESS.**

Business during the first week of the new year has been quite satisfactory. The only bad feature was the absence of enough short roses for funeral work; of the longer grades, the supply was a trifle better, but crops in roses are "off" generally, and will be for a few days longer. A few good Rhea Reid, Mme. Pirrie and Russell arrive daily. American Beauties are short of requirements. Carnations are in good supply and are bringing a fair price; the quality of the stock has improved considerably. Calla lilies meet with a good demand. Easter lilies are scarce. Paper White narcissus are quite plentiful. Stevias are just about equal to the demand. A limited amount of snapdragons arrive and clean up quickly. A few calendulas are on the market, also a limited number of sweet peas. Daffodil are making their appearance. Violets are good stock and the quality is fine. Greens of all kinds are plentiful.

NOTES.

Visitors: Stephen Green, representing H. Bayersdorfer & Co.; Julius Dillhoff, of Schloss Bros., both of New York.

At the florists' club meeting Monday, January 8, John Van Leenwen, of Sossenheim, Holland, spoke on "Bulbs."

Al Barber, of the Jones-Russell Co., has been ill in bed with a severe cold, contracted during the holiday rush.

C. F. B.

Cincinnati.**HEAVY SUPPLY; PRICES VERY LOW.**

The supply of stock in this market at present is far in excess of all needs, and although the quality in general is excellent, prices have dropped to a very low level. Roses are plentiful and especially fine Killarney, White Killarney, Russell and Ophelia, may be had. Fine American Beauties are also coming into the market every day. Carnations are in good supply and the receipts of Easter lilies, callas and rubrums are large enough to care for all immediate demands. The receipts of narcissi are heavy. Sweet peas have become plentiful. Other offerings include orchids, lily of the valley, violets, forget-me-nots, wall flowers, Roman hyacinths, snapdragons and primroses.

NOTES.

P. J. Olinger spent several days last week at his range at New Castle, Ind. David E. Wooley, his representative, started January 9 on a trip through northern Ohio and Indiana.

Ray Reinstatler, of G. Brunner's Sons force, has the sympathy of his many friends in his bereavement in the death of his one-year-old son, which occurred recently.

At the January meeting of the florists' society, only routine business was transacted.

C. E. Critchell has been receiving some excellent pussy willows.

H.

Rochester, N. Y.**STEADY DEMAND FOLLOWS HOLIDAY RUSH.**

Business since the holidays has held up remarkably well, parties, balls and receptions having caused a good demand for stock. Plants are rather scarce as practically everything was cleaned up during the Christmas rush. A complete change has taken place in the wholesale flower market. Chrysanthemums have gone and the spring flowers, such as daffodils, narcissi, stevias, marguerites, heliotropes, etc., have taken their place. Pans of Roman hyacinths and tulips are now coming in. Roses are still scarce as are carnations. A few sunny days will bring an abundance of both, however. The call for funeral work has been heavy during the past week.

NOTES.

J. B. Keller Sons had a very attractive window of spring flowers in birch bark boxes last week, daffodils, tulips, hyacinths, ferns and pussy willows being grouped together. Inside the store was a charming luncheon table arrangement. This firm had the decorations for the Corey-Harris wedding, a very elaborate affair.

Mrs. E. C. Armbrust has returned from the east, where she spent the holidays with relatives.

Salter Bros. have a very attractive display in the windows of their East Main street store.

The fruit growers' convention held here January 3-6 attracted many visitors to this city.

Edwin C. Kaelber has added a handsome delivery car to his service.

CHESTER.

Providence, R. I.**SHORT SUPPLY BRINGS ADVANCED PRICES.**

Business during the past week was exceptionally good; funeral work was in good demand and flower sales steady. Stock in all lines is in limited supply and prices have advanced. Roses and carnations as well as some bulbous stock are commanding good figures. New Year's trade was good, with cut flower sales better than a year ago.

Joseph Kopelman is on the sick list, suffering with a severe cold.

H. A. T.

Milwaukee.**MARKET OVERSTOCKED; PRICES WEAK.**

From all appearances quite a lot of flowers which were expected from the growers during the holidays, but which were held back by the extremely cold weather, are now arriving in heavy supply. While there is an abundance of funeral work, it is about the only branch of the business that is showing any activity, and with shipping trade none too brisk, the supply of cut stock during the last week was in excess of the demand and prices dropped a notch in most lines. This was not only the case with roses and carnations but also with violets, both single and double, sweet peas and Paper White narcissi. The price of orchids is about one-half that asked a fortnight ago. There is still plenty of stevia to supply all demands.

CLUB MEETING.

The florists' club meeting held January 4, certainly must have been most gratifying to our new president, Wm. A. Kennedy. The attendance was excellent and many good points of trade interest came up for discussion, which were handled in a businesslike way and ought to prove a benefit to all in the trade. C. C. Pollworth, who installed the new officers for the coming year, made a neat job of it. Resolutions for best wishes and a speedy recovery were sent to Fred Holton, who is still confined to his home with inflammatory rheumatism, and who seldom misses a meeting.

NOTES.

Otto Sylvester, Jr., of Oconomowoc, Wis., who was a visitor the past week, says the coal proposition with Otto Sylvester & Sons was very acute at one time, as there was no coal to be had locally, and less from outside dealers.

Thursday, January 11, is the day Roy Currie will be united in marriage to Miss H. Jeuss, formerly employed in the office of the Holton & Hunkel Co. We herewith extend our best wishes for a bright and happy future.

Our friend, Alfred Schiller, who, underwent an operation two weeks before Christmas, is still at St. Joseph's hospital. Latest reports are that he is getting along nicely.

H. E. Roff, of Baraboo, Wis., who is on the fire commission in his home town, is attending the local auto show, looking up fire fighting auto apparatus.

Decorations at the auto show did not benefit any one in the trade locally this year; still, most of the florists have some kind of auto.

During the night of January 1, burglars entered the store of the Baumgarten Floral Co., getting away with only \$18 in cash.

E. O.

Kansas City, Mo.**SUPPLY AMPLE AND QUALITY GOOD.**

Stock has been arriving in quantities sufficient to meet all demand and the quality holds up well. Roses in all varieties are still high in price, but carnations are very good and prices are reasonable, occasioned by a rather heavy supply. Bulbous stock, such as Paper White and yellow narcissi is in good supply and Dutch hyacinths are more plentiful with the Romans making their first appearance. Lilies are arriving in larger quantities and are first-class stock. Violets, orchids, sweet peas, lily of the valley and snapdragons make up the miscellaneous offerings. Made up baskets and pot plants continue to sell well.

NOTES.

The Geo. M. Kellogg Flower & Plant Co., under the management of Mrs.

Lamb has started the new year at a good pace. The cut flower trade is holding up fine. Some very good azaleas, cyclamens, begonias and Whitmani ferns are to be seen here.

The Alpha Floral Co. reports business for 1916 showed an increase of about 17½ per cent over that of the preceding year. With the exception of December every month showed a gain. Business since the first of the year has been good.

H. Kusik & Co. report a continuance of good business, with an exceptionally strong demand for wire work. They have a good supply of roses, local carnations, white and yellow narcissi, eastern lilies and miscellaneous stock.

T. J. Noll & Co. report a specially good wholesale trade, with all stock moving fast. Offerings here include roses, carnations, lily of the valley, stevia, sweet peas, violets and the first Romans of the season.

Wm. L. Rock Flower Co. is cutting exceptionally good Shawyer and Ophelia roses; also a better supply of carnations and sweet peas. Trade in general during the past week has been excellent.

W. J. Barnes had the decorations last week for the white goods sale at Emery Bird & Thayer's store. Business in all lines is reported good, with a splendid call for pot plants.

Everything is moving nicely at Arthur Newell's. Designs for funerals, hospital flowers, corsages and wedding arrangements help in the total sales.

Manager Ellsworth of the Rosery reports good business in all lines during the past week. Bulbous stock is in good supply and is popular.

The Central Floral Co., a new establishment, is located at Eleventh and Walnut streets, the stand formerly occupied by Miss Roberts.

Chas. Biederman & Son report a big increase in the volume of their holiday business as compared with that of a year ago.

J. B. Masson, of Kansas City, Kan., reports a cleanup on stock during the holidays, with good trade since the first of the year.

E. J. B.

Washington, D. C.**SOCIAL FUNCTIONS MAKE GOOD BUSINESS.**

Business continues good after the holiday rush. The social season has started and the leaders in the smart set seem to be trying to make up for lost time, and since the beginning of the new year it has been one continuous round of luncheons, teas and dinners, and practically everyone in the local trade has been getting his share of the work. The supply of stock is normal.

NOTES.

Geo. Lavalie is now showing one of the finest calendulas ever seen in this city. It is of the cactus variety, the flowers measuring from 3½ inches to 4½ inches across. He imported the seed from Europe some time ago. He will be able to put it on the market next season. He also has some fine lupines in all colors which find ready sale.

J. H. Small & Sons have been kept very busy with decorations for receptions and dinners.

G. C. D.

Windler Wholesale Floral Co. Officers.

At the annual meeting of the Windler Wholesale Floral Co., St. Louis, Mo., held January 2, the following officers were elected for the ensuing year: Frank A. Windler, president; E. E. Windler, vice-president; A. W. Gumz, secretary-treasurer.

OBITUARY.**Richard J. Donavan.**

Richard J. Donavan, better known to the trade as Dick Donavan, one of the pioneer florists of Chicago, died at the Presbyterian hospital, that city, January 3. Mr. Donavan was prominent in the local trade in the seventies. Born in Cork, Ireland, March 14, 1848, he went to England when young and was employed for a time in London nurseries. Coming to the United States in 1871 he located at Philadelphia and later moved to Chicago, where he was first employed in the Rosehill cemetery. In 1879, he started a commercial establishment on Ravenswood avenue, near the cemetery, where he built up a prosperous trade in addition to selling the product of the McCormick estate at Lake Forest, roses, etc., on commission. Disposing of the Ravenswood establishment, he moved to Granville avenue, near Clark street, where he carried on business for a number of years. He devoted considerable time to politics and served as an officer of the circuit court, being in his latter days engaged in the West Side parks. When operating as a commercial florist, Mr. Donavan was considered one of the most successful growers of violets in the west.

Mrs. Kate Donavan survives, also five children, Mrs. R. Perkins, Mary, Alice, Edward and Robert. The funeral was held January 5, with interment in Calvary cemetery. Thos. E. Wallis, Adam Zender, Andrew Miller and Henry Hansen were honorary pallbearers.

Mrs. Anna Theresa Siebold.

Mrs. Anna Theresa Siebold, wife of Julius P. Siebold, well known florist of Lancaster, Pa., died January 2 from pneumonia, following an illness of five days, aged 51 years.

Mrs. Siebold was born in Germany in 1866 and came to America with her father when 15 years of age and lived for a number of years in Missouri, where she met her husband. In 1888, three years after their marriage, they moved to Lancaster, where she has resided ever since. Mr. Siebold engaged in the growing of flowers shortly after coming to Pennsylvania, and with the aid of his wife established an extensive shipping business, in which she will be greatly missed by all who knew her. Besides her husband, she is survived by one son, Frank, and several brothers and sisters in Germany. She was a member of the Advent Lutheran church and a conscientious worker in all of its activities. Funeral services were held from the church and interment was in Riverview Burial Park. The Lancaster Florists' Club attended the funeral and sent an emblem expressive of its respect and sympathy.

A. M. H.

ST. CATHERINES, ONT.—Robert L. Dunn has opened a handsome retail store in connection with his greenhouse at 104 Queenston street.

BROCKVILLE, ONT.—Walter H. Edwards reports business has been entirely satisfactory with a good holiday demand to round out the year.

ALEXANDRIA, VA.—The Dunbar Floral Co. suffered a loss of about \$1,000 December 22, when a 70-foot brick smokestack blew over, wrecking the ends of two houses.

NEW ORLEANS, LA.—A petition in bankruptcy has been filed by John W. Cassidy, florist, 237 South Richardson avenue. Assets are listed at \$3,336; liabilities, \$4,031.40.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,

440 S. Dearborn St., CHICAGO

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DISASTROUS fires in greenhouse establishments have been unusually numerous the past two weeks, showing that extra care is necessary during the holiday season.

American Gladiolus Society.

Gladiolus Prosperity is offered for registration by Arthur Cowee, Berlin, N. Y. If no objections are filed with the committee, requiring the withdrawal of the name, the registration will become complete January 30, 1917. The following is a description:

The plant is tall, most striking, and attractive. Its massive proportions, broad, heavy foliage of a rich green, erect and vigorous habit of growth, give evidence of a strong constitution. Flowers are large. Color is a bright rose, shading to madder lake, except the last segment, which has a cham-chois-yellow base. Anthers violet, styles white. Unsurpassed as a keeper.

A. C. BEAL, chairman.

THE famous London exhibition hall of the Royal Horticultural Society of England has been taken over by the military authorities for the use of troops. The shows for the time being will be held at the Drill hall, Buckingham Gate, where they were formerly held, but the offices of the society will be maintained as heretofore at Vincent square.

Nebraska Meeting Next Week.

The joint meeting of the florists of Western Iowa, Missouri and Nebraska in conjunction with the Nebraska State Horticultural Society, will be held at Lincoln, January 15-17, and gives promise of being an interesting one. With the increasing cost of labor and material, both of which are becoming a serious problem in all branches of the trade, the meeting offers a field for discussion that should bring forth an exceptionally good attendance and an exchange of views on the subjects of commissions to undertakers and others, credits, collections, increased costs, coal shortage and other matters which should prove of great value.

J. J. H.

Posterette Publicity.

The posterette publicity campaign inaugurated by the Chicago Florists' Club last week promises good results. It is proposed to prepare and distribute suitable posterettes advertising the various important flower days, beginning with St. Valentine's day. The posterette for this day is now in preparation and will be ready next week. If this meets with success similar posterettes will be issued for Easter, Mothers' day, Memorial day, Thanksgiving and Christmas. These posterettes are intended for use on the face of all bills, statements, letters and packages sent out by those who wish to use this form of advertising. The posterettes will be sold at a very low price in lots to suit purchasers and any profit made on their sale will be used in the preparation of similar advertising matter. In this way every florist can promote his own business to such extent as he may wish to invest in the posterette. This work is in charge of a committee consisting of Fred Lautenschlager, chairman; George Asmus and Michael Barker.

The St. Valentine's day posterette will show a red heart with the words "Let Your Valentine Be Flowers" in attractive lettering. Any florist or others in any part of the country desiring to use these posterettes for St. Valentine's day should communicate with Fred Lautenschlager, 440 West Erie street, Chicago, who will mail samples and prices.

An enlarged form of the St. Valentine's day posterette is also in preparation for use in store windows, on delivery wagons, etc. To insure the best results the use of the St. Valentine's day posterette should be started without delay.

Chicago to Indianapolis.

CARNATION MEETING AND EXHIBITION.

For the annual convention of the American Carnation Society to be held at Indianapolis, Ind., January 31 and February 1, the Monon Route has been selected as the shortest and most convenient line for the Chicago party. The one-way fare between Chicago and Indianapolis is \$4.60 and the party fare for 10 or more, \$4.14 each. Lower berths, \$2; upper berths, \$1.60.

The night train leaving the Dearborn station, Polk and Dearborn streets, Tuesday, January 30, at 11:40 p. m., due in Indianapolis 4:30 a. m., has been chosen by the Florists' Club as the convention train for its members and others wishing to join the party. Berths on the night train are ready at 10 o'clock and can be occupied until 7:30 a. m. the next morning.

Reservations should be made early to secure the party rate by writing or telephoning Herbert Wiley, General Agent Passenger Department, 104 South Clark street, Chicago. Telephone Harrison 3309.

For those who wish to reach Indianapolis earlier the Monon Route has an evening train, leaving the Dearborn station Tuesday, January 30, at 5:30 p. m., due in Indianapolis at 10:30 the same night.

American Rose Society.

The executive committee of the American Rose Society met in Philadelphia, Pa., in connection with the local committee for the annual exhibition to be held in that city March 20-23, 1917. A resolution was passed to call for 50 per cent of the guarantee fund to be paid to the order of the American Rose Society on or before February 1, 1917. Everything pertaining to the coming exhibition seemed to be moving along nicely towards its success. The preliminary schedule of prizes was adopted and will be issued without delay.

Application for the registration of a new rose was made by John H. Dunlop, Richmond Hill, Ont., as follows:

Mrs. Henry Winnett. Parentage—Russell x Shawyer. Color, bright red, about shade of Richmond. Large full flower, solid color, foliage ample. Deliciously fragrant, combining keeping qualities of Russell with the freedom of Shawyer. Form good, petals well reflexed and of solid texture.

Mr. Dunlop, in presenting this rose, said: "I am proud to be the first Canadian grower to have the honor of entering a seedling of such sterling merit, as I have had a number of visitors both from the United States and different parts of Ontario, and all agree as to its quality."

A resolution of regret was passed on the death of W. C. Barry, ex-mayor of Rochester, N. Y., who was one of the earliest supporters of the American Rose Society, and was held in esteem by every one who knew him as a man of fine character.

BENJAMIN HAMMOND, Sec'y.

Indianapolis Hotels.

In view of the fact that the convention of the hardware dealers will be held in Indianapolis on the same dates as that of the annual meeting of the American Carnation Society, namely, January 31-February 1, 1917, it has been deemed advisable by the reception committee to have rates of Indianapolis hotels published so that reservations may be made in due time. There are plenty of good hotel accommodations in Indianapolis included in the following list:

Grand hotel—Rooms, \$1 up; with bath, \$1.50 up.

Washington hotel—Rooms with bath, \$1.50, \$2, \$2.50 and \$3.

Claypool hotel—Single room, \$1.50; with bath, \$2.

Severin hotel — Room with shower bath, \$1.50; with tub bath, \$2 to \$3.50 (European plan).

JOHN BERTERMANN, Chairman.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—A 1 salesman, designer and all around storeman. Chicago preferred. Address Key 740, care American Florist.

Situation Wanted—By A1 saleslady, designer and bookkeeper; Chicago only considered; can furnish best of references; able to take charge. Address Key 737, care American Florist.

Situation Wanted—Expert gardener seeks engagement on first-class estate. A1 references, life experience. Pacific coast preferred. Key 727, care American Florist.

Situation Wanted—Superintendent - gardener (head) seeks position; country estate; temperate; excellent greenhouse manager; landscape artist; knows live stock, engines; life experience; best references. A. PAWLITZ, 17 Vine St., Roxbury, Boston, Mass.

Situation Wanted—Designer with executive ability and experience in growing, desires responsible position; experience and credentials that assure results. Ohio preferred but will consider good proposition; young married; a hustler. Address Key 710, care American Florist.

Situation Wanted—By a practical man 42 years of age, with 20 years' of experience in the florist business. An all around grower, salesman and designer; American born. Married and have one child 7 years old. Can furnish best of references. Please state wages in first letter. Address Box 473, Salina, Kan.

Situation Wanted—By Scandinavian, single, with over 20 years' experience in Scandinavia, England, Germany and America. Several years in charge of Greenhouses and outside. Cut flowers, forcing and propagating a specialty. Well up in care of parks. References are good. Address Key 717, care American Florist.

Help Wanted—Assistant grower of carnations, chrysanthemums and bedding plants. State wages. FRANK BEU, 4445 N. Crawford Ave., Chicago.

Help Wanted—Nursery propagator. Man with experience in Perennials. Permanent position, State previous experience. SWAIN NELSON & SONS CO., 940 Marquette Building, Chicago.

Help Wanted—Nursery Salesman: Experienced in selling to high class retail customers. State experience and salary. SWAIN NELSON & SONS CO., 940 Marquette Building, Chicago.

Help Wanted—First-class rose and carnation grower. Will pay good salary. Must be well recommended. THE WM. BLACKMAN FLORAL CO., Evansville, Ind.

Help Wanted—First-class man wanted for Brooklyn retail florist; permanent position; good chance for right party. One living in Brooklyn preferred. Address Key 734, care American Florist.

Help Wanted—An all-around practical man of excellent character and ability for city store also able to drive Ford car. For further particulars apply to ANNA GRACE SAWYER 4044 W. Madison St., Chicago.

Help Wanted—Working foreman who understands growing carnations, Easter lilies, chrysanthemums, bulbs and bedding plants. 35,000 sq. feet glass. H. T. MEAD, 1230 Hanover Street, Manchester, N. H.

Help Wanted—Good all around greenhouse man to invest not less than \$1,500 and take full charge of greenhouse business; is paying better than 40% on investment and growing very fast. Salary to start \$75 per month and house rent free. For further particulars address LAMAR GREENHOUSE CO., Lamar, Colo.

Help Wanted—At once. Well experienced grower of chrysanthemums, carnations, bulbs and bedding plants. Single man preferred, must be sober and of good habits. State experience, references and salary in first letter. 14,000 feet of glass. Address E. R. GIDDINGS, Box 64, Tulsa, Okla.

For Sale or Rent—Retail flower store on State Street, Chicago in the heart of the shopping district. The business is now running and buyer can take immediate possession. For further particulars. Key 726, care American Florist.

For Sale—One of the best paying retail stores in the city of Chicago at a bargain. Splendidly located and well established Address Key 739, care American Florist.

For Sale—Greenhouse property or part interest in same. Two greenhouses, each 22 x 200 feet in good condition; planted mostly to carnations, sweet peas and geraniums. 4 to 5 acres of land, good location. Address ALLEN & BLANCHARD, 185 Exchange St., Leominster, Mass.

Tel., 107 W.

Situation Wanted

By an all-round grower in greenhouse plants and landscape gardener; life-long experience; graduate from horticultural school; steady man; six years in charge of big state institution; wants position as head gardener.

Key 738, care American Florist.

Situation Wanted

By practical florist, long experience as retailer and grower; single man with ability good designer and propagator. Experienced in all kinds of cut flowers and pot plants for retail place; sober and reliable; best references. State wages and particulars.

Key 735, care American Florist.

FOR RENT

Suitable floor space on the Chicago Wholesale Cut Flower Market, where the grower can sell his own stock. For further particulars address

Key 732, care American Florist.

For Sale

Flower store in the loop district, city of 400,000 population. Cash business. Must sell at once; want to retire.

Key 736, care American Florist.

FOR SALE.

We have installed a new Buchbinder refrigerator in the Geo. Wittbold Co.'s new retail store on Buckingham Place, Chicago, and will sell the two refrigerators that were in use there at a bargain if taken at once. One is a display box 10x4x10 feet high and the other a storage box 8x10 feet. For further particulars address

BUCHBINDER BROS.,

518 Milwaukee Ave.,

CHICAGO, ILL.

For Sale—Well established business for sale; 9,600 feet of glass; five acres of good land; well stocked with cut flowers and bedding plants; write for particulars; can take possession at once. Address Key 730, care American Florist.

For Sale

Greenhouse plant located on state road half a mile from Saratoga Springs on 40 acre farm; eight greenhouses totaling fifteen thousand feet of glass; two two-story boiler houses; one small tenement; large barn, twelve room house with bath, steam heated, water and sewer connections; hot water heating system in greenhouses. At present used for vegetable forcing with established market to consume product. Can be easily adapted to florist work. Five acres of asparagus.

Mrs. Allen B. Wells,
SARATOGA SPRINGS, N. Y.

For Sale Cheap—A Going Business—Four greenhouses, 16 by 40 feet, and one 18 by 40 feet; double sash glass, well built and fresh putted tight; cement foundations and boiler and coke pit; six two-inch hot water pipes under each of the ten cypress benches; over 4,000 blooming carnations and a lot of potted plants; 3,000 rooted carnation cuttings; ideal boiler; also 18 tons of coke on hand; one small brick shed in rear, 12 by 16 feet. Very centrally located in Littleton, 2,000 inhabitants, the county seat of Arapahoe county, Colorado; six miles from Denver always a good market; 10-cent fare; only greenhouses here; sun shines 300 days a year; ideal for weak lungs. The young man who recently operated these houses was drowned a few weeks ago. Houses and lots cost \$5,000.00. All of this for \$750.00 cash, \$750.00 four years at 8 per cent. It sure is a bargain. Immediate possession; warranty deed. Will send photo of houses to a buyer. Address

MRS. ADELAIDE J. CULP, Owner,
Littleton, Colorado.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000 \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

NEW EDITION—Issued August, 1916.

TRADE DIRECTORY

Florists, Nurserymen and Seedsmen

OF THE

UNITED STATES AND CANADA.

Price \$3.00, Postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

THE FLORISTS' SUPPLY HOUSE OF AMERICA.

ONLY THIRTY DAYS TO ST. VALENTINE'S DAY

THE MID-WINTER FLORAL FESTIVAL OF THE YEAR.

Get our line of Valentine Day Novelties—Heart-shaped Corsage Boxes; Baskets decorated with Hearts, Arrows, Cupids—loose gilt arrows for the handles; Corsage Pins; Chiffon ribbons in all shades. Order Now, get the Novelties, display them. Boost the Day, get the business and the profit.

Artificial Cherries that look like Natural, for Washington's Birthday.

SEND FOR OUR 1917 FOLDER.

ALWAYS GOOD SERVICE AND MODERATE PRICES.

H. Bayersdorfer & Co., 1129 Arch St., Philadelphia, Pa.

Los Angeles.

STOCK SCARCE AND PRICES HIGH.

Never before has there been such a call for flowers for decorations following the holiday season, but stock is scarce and prices are high. Some splendid Ophelia roses are being received from San Francisco while from the local ranges there are excellent Prima Donna, September Morn and Ophelia. Prices are high, however, and the same holds good for carnations. A few days of warm weather will, however, bring in the bulbous stock and the market will be relieved. Some superb Pink Supreme carnations are being offered.

NOTES.

Wright's Flower Shop is always a busy place. They have had considerable funeral work in addition to orders for bouquets and arranged some special decorations for the rose tournament at Pasadena. A fine supply of roses and orchids was noteworthy at this establishment.

Wolfskill Bros. & Morris Goldenson have been busy recently with funeral orders. One design recently arranged by them was a motorcycle in flowers for the funeral of an officer of the motor squad. It was cleverly done and attracted much attention.

O. C. Saakes reports a brisk trade at the opening of the new year. He had several large orders for decorations. As usual he has a fine stock of roses, especially September Morn, and is featuring Pink Supreme carnations.

A heavy New Years' business just about cleaned out the supply at Howard & Smith's. It keeps them hustling these busy days to secure sufficient cut flower stock for their requirements but they are well supplied with good plants.

The Redondo Floral Co. reports a scarcity of stock, but Scotch heather which they have used in quantity has been a great help in decorations and funeral work. The rose stock here is fine.

Paul J. Howard is feeling the effects of the business revival at his establishment. Aside from the landscape department he is carrying a full line of decorative plants, many of rare varieties.

J. W. Wolters is rushing the season with outdoor freesias and ranunculus, also some almond blossoms. Some extra fine Willowmere roses were seen here.

Seki Bros. & Co. have a good supply of carnations from their own houses which are bringing high prices. G. H. H.



CARNATION CUTTINGS

IT IS NOT TOO EARLY to order now if you desire January delivery.

NEW VARIETIES.

COTTAGE MAID: Clear shell pink, sport of Mrs. C. W. Ward, possessing the same wonderful keeping and shipping qualities. **MERRY CHRISTMAS:** Color, intense deep scarlet; large flower, well formed, splendid stem and calyx, splendid keeper. **DORIS:** Color, brilliant maroon; vigorous grower, producing a succession of high grade blooms on long stiff stems; good calyx. **ROSALIA:** A true cerise pink; splendid grower and producer; a good commercial variety in every respect. **OLD GOLD:** Deep yellow with faint pink stripes; the earliest and freest flowering of all yellow varieties; a decided improvement over Yellow Prince. All of the above varieties, \$12.00 per 100; \$100.00 per 1000.

Last year's introductions and standard varieties; prices on application.

S. S. PENNOCK-MEEHAN COMPANY,

The Wholesale Florists of Philadelphia

PHILADELPHIA, 1608-1612 Ludlow St.

NEW YORK, 117 W. 28th St.

BALTIMORE, Franklin and St. Paul Sts. WASHINGTON, D. C., 1216 H St., N. W.

Rooted Carnation Cuttings

A1 Stock Guaranteed in Every Respect.

Every experienced Carnation Grower will agree that guaranteed stock cannot be sold for less than our prices.

	Per 100	Per 1000		Per 100	Per 1000
White Enchantress,	\$3.00	\$25.00	Washington, - -	\$3.00	\$25.00
White Wonder, -	3.00	25 00	Ward, - - - - -	3.00	25.00
Matchless - - -	3.00	25.00	The Herald, - - -	3.00	25.00
Enchantress Supreme	3.00	25.00	Victory, - - - -	3.00	25.00
Peerless Pink, - -	3.00	25.00	Aviator, Best Money Maker,	6.00	50.00

PYFER & OLSEM, WILMETTE, - - - ILLINOIS.

100,000 White Enchantress

Rooted Carnation Cuttings. Extra fine stock, ready for immediate shipment.

\$1.75 Per 100; \$14.00 per 1000.

PERCY JONES
56 East Randolph Street, CHICAGO, ILL.

A Happy New Year is assured by sowing Vaughan's Flower Seeds



PANSY—Vaughan's International Mixture.

AGERATUM.

	Trade Pkt.	Oz.
Imperial Dwarf, Blue.....	\$0.10	\$0.40
Imperial Dwarf, White.....	.10	.40
Blue Perfection.....	.10	.60
Little Blue Star.....	.25	
Princess Victoria Louise.....	.10	.40

ALYSSUM.

Maritimum, Sweet Alyssum.....	.05	.15
Vaughan's Little Gem, extra fine strain, lb., \$6.00.....	.10	.60

ANTIRRHINUM.

Golden King, yellow.....	.10	.50
Queen Victoria, pure white.....	.10	.50
Venus, apple-blossom pink.....	.10	.60
Delicate Pink.....	.10	.60
Vaughan's Special Mixture.....	.10	.60

ASPARAGUS.

Plumosus Nanus, Northern Greenhouse Grown, Per 100 seeds, 50c; 250 seeds, \$1.00; 1,000 seeds, \$3.50; 5,000 seeds at \$3.25 per thousand.		
Hatcherii, 100 seeds, 60c; 1,000 seeds, \$3.00.		
Sprengeri, 100 seeds, 15c; 250 seeds, 25c; 1,000 seeds, 75c; 5,000 seeds, \$3.50.		

ASTERS.

Queen of the Market Aster, White, Pink, Light Blue, Dark Blue, Scarlet, Flesh. Each of the above, 1/4 oz., 25c; trade pkt., 10c; oz., 80c.		
Queen of the Market, best mixed, trade pkt., 10c; oz., 60c.		

10 Per Cent Special Cash Discount.—On orders over \$2.00 for Flower Seeds if the cash is enclosed. This discount does not apply to Asparagus Seed. Cash discount on this is 2 per cent. Our Florist Catalog is now in the printer's hands and a copy will be mailed in a few days.

BEGONIA.

	Trade pkt.	
Gracilis Luminosa, foliage lustrous reddish brown, flowers fiery dark scarlet, 1-32 oz., \$1.75.....	\$0.25	
Prima Donna, large transparent rose flowers, 1-64 oz., \$2.50.....	.25	
Vernon, red-leaved and red-flowered, oz., \$2.00.....	.10	
Melaine, white with pink edge.....	.25	
Berna, foliage dark, flowers bright carmine red.....	.25	
Erfordia, rosy carmine, 1/32 oz., 75c.....	.25	
Double Tuberous Rooted, best mixed.....	.25	

BELLIS.

	Trade Pkt.	Oz.
Vaughan's Mammoth Mixture.....	\$0.25	\$2.00
Mammoth, White, 1/4 oz., 35c.....	.25	
Mammoth, Pink, 1/4 oz., 35c.....	.25	
Longfellow, dark pink.....	.15	1.80
Snowball, double white.....	.15	1.80
Monstrosa, new giant double white, 1/4 oz., \$1.00.....	.25	
Monstrosa, new giant double pink, 1/4 oz., \$1.00.....	.25	
Double Red.....	.25	
Double Rosy White Quilled.....	.35	

CANDYTUFT

Giant Hyacinth-Flowered, Extra selected stock, lb., \$5.00.....	.15	.50
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CELOSIA

Cristata (Coxcomb): Dwarf President Thiers.....	.25	2.00
Dwarf Empress, crimson.....	.25	2.40
Dwarf Fire King.....	.25	
Pride of Castle Gould.....	.25	
Childsii, Chinese Wool Flower.....	.25	

Centaurea Gymnocarpa.....	.10	.40
Candidissima, 1,000 seeds.....	.50	2.00
Cobaea Scandens, Purple.....	.10	.40
Scandens Flore Alba, White.....	.10	.80
Coleus, Vaughan's Rainbow Mixture, 1/32 oz., 75c.....	.25	
Extra Choice, large leaved mixed, 1/4 oz., \$1.00.....	.25	
Large-leaved, Copper-colored.....	.25	
Lacinated and fringed.....	.25	
Cyperus Alternifolius, Umbrella plant.....	.15	1.00
Dracaena Indivisa, lb., \$3.50.....	.10	.30
Indivisa Latifolia.....	.10	.40
Australis.....	.10	.50

FERN SEED.

Aspidium Tsussimense.		
Cyrtomium Falcatum.		
Cyrtomium Rochfordianum.		
Pteris Adiantoides.		
Pteris Cretica Alba Lineata.		
Pteris Cretica Alba Lineata Compacta.		
Pteris Wimsetti.		
Pteris Wilsoni.		
Pteris Harrisii.		
Polypodium Aureum.	Trade pkt.	
Any of the above.....	.50	
Grevillea Robusta.....	.10	.50
Heliotrope, Mammoth Flowered, mixed.....	.25	1.50
Centideur, Rich Purple.....	.25	
Lantana Hybrida, mixed.....	.05	.30
Braunt's New Dwarf Hybrids, mixed.....	.10	.40

LOBELIA.

Bedding Queen, 1/4 oz., 25c.....	.15	1.50
Crystal Palace Compacta, true, 1/4 oz., 25c.....	.15	1.25
Speciosa, dark flowers and foliage.....	.10	.70
Emperor William, 1/4 oz., 25c.....	.10	
Hamburgian, 1/4 oz., 40c.....	.25	
Hybrida Sapphire, best for hanging basket.....	.25	

MIGNONETTE.

	Trade Pkt.	Oz.
True Machet, Vaughan's Selected Stock, 1/2 oz., 40c.....	\$0.10	\$0.75
New York Market, 1/4 oz., \$1.00.....	.50	7.00
Myosotis, Vaughan's Early and Late Flowering.....	.15	.80

PANSY.

Vaughan's International Mixture, The World's Best, oz., \$10.00; 1/4 oz., \$2.50; 1/8 oz., \$1.50; Trade Pkt., 50c.		
Vaughan's Giant Mixture, Oz., \$4.00; 1/4 oz., \$1.00; 1/8 oz., 60c; Trade Pkt., 25c.		
Send for list of separate varieties.		

PETUNIAS.

Single Large Flowering Sorts.

	Trade Pkt.	
Large-Flowering, finest mixed, 1/4 oz., \$1.80.....	\$0.25	
Fringed, mixed, extra choice, 1/4 oz., \$1.80.....	.25	
Giants of California, true, 1/4 oz., \$2.00.....	.25	
Ruffled Giants, mixed, 1/32 oz., \$2.00.....	.50	
Triumph of the Giants.....	.50	
Balcony Queen, Rich velvety violet with white blotches.....	.50	
Vaughan's Best Mixture of Large-Flowering Single Petunias, Trade Pkt. (1,000 seeds), 50c; 3 pkts. for \$1.35.....		
Large Double-Flowered Sorts.		
Double Large-Flowering, extra choice mixed, 1,000 seeds, \$1.25; 10,000 seeds, \$10.00; 500 seeds, 65c; 1-64 oz., \$3.25.		
Double Large-Flowering Fringed, best mixed, 1,000 seeds, \$1.25; 10,000 seeds, \$10.00; 500 seeds, 65c; 1-64 oz., \$3.25.		
Vaughan's Special Mixture Double, extra choice, 1,000 seeds, \$1.25. 500 seeds, 65c; 1-64 oz., \$3.50.		
Pyrethrum, Parthenifolium Aureum, Trade Pkt. Oz.		
Golden Feather.....	.10	.30

SALVIA SPLENDENS.

Clara Bedman.....	.25	2.00
Drooping Spikes.....	.25	1.80
Fireball.....	.25	2.50
Maroon Prince, rich plum purple.....	.25	

STOCKS.

Double Large-Flowering, Dwarf, German 10 weeks, Canary Yellow, Dark Blue, Crimson, Brilliant Rose, Blood Red, White, Flesh. Each of above 1/4 oz., 35c.....	.25	
Extra choice mixed, 1/4 oz., 35c.....	.25	
Giant Perfection of Cut and Come Again, Sky Blue, Light Blue, Flesh, White, Dark Blue, Canary Yellow, Pink, Scarlet. Each of the above, 1/4 oz., 40c.....	.25	
Thunbergia, mixed.....	.10	.50
Torenia Fournieri Grandiflora.....	.15	

SWEET PEAS.

Write for special list.

VERBENA.

Defiance, brilliant scarlet.....	.10	.80
Mammoth, mixed.....	.10	.80
Mammoth, white, extra choice.....	.10	.80
Mammoth, Purple shades.....	.10	.90
Mammoth, striped on red ground.....	.15	1.50
Mayflower, beautiful pink.....	.10	1.00
Vaughan's Best Mixture of Verbena, Trade pkt., 25c; 1/4 oz., 50c; oz., \$2.00; 2 oz., \$3.50.		
Vinca Rosea, mixed.....	.10	.60
Rosea pink.....	.15	.60
Rosea Fl. Alba, white with pink eye.....	.15	.60
Rosea Alba Pura, pure white.....	.15	.60

Vaughan's Seed Store, 43 Barclay Street, NEW YORK. 31-33 W. Randolph St., Chicago

Oklahoma City.

EXCELLENT NEW YEAR'S TRADE.

Retailers say that business is very good with plenty of stock to meet all demands. Flowering plants are very numerous, especially azaleas. New Year's day is not considered much of a holiday in this city so far as celebrations go, but the florists had quite a little extra trade in the form of gift

baskets and boxes of loose flowers. The demise of several prominent citizens in near-by towns called for some large funeral orders recently.

At the opening session of the legislature which took place January 2 in the new state capitol building, the Stiles Co. furnished a large basket of roses which was placed on the desk of the president of the senate, and a bas-

ket of carnations for the desk of the speaker of the lower house.

Furrow and Co. are sending in a nice line of flowering plants from their range at Guthrie. S. S. B.

EXCELSIOR SPRINGS, Mo.—Pollard & Hammond have opened a retail flower shop here.

COTTAGE MAID

A Sport of Mrs. C. W. Ward

What a Prominent New York Retailer Thinks of it :

New York, Dec. 29, 1916.

MR. JOSEPH A. MILLANG,
55 West 26th Street, New York.

Dear Mr. Millang:

You will be glad to learn that our carnations for Christmas were the finest you have ever sent us and sold splendidly.

Cottage Maids were especially asked for and we think it a splendid carnation with a great future.

Sincerely yours,

(Signed) J. H. SMALL & SONS.

This letter speaks for itself. It bears out our frequent assertion that the final judge of a flower, the public, has put its stamp of approval on Cottage Maid.

Cottage Gardens Co. Inc.,

(Originators)

QUEENS, NEW YORK.

COTTAGE MAID

A Sport of Mrs. C. W. Ward

Of a Pleasing Shade of Flesh Pink

A Few Reasons Why You Want It:

It has the habit and growth of **Ward**

It is the best keeper and shipper of all

It is unsurpassed in quality of bloom

It will not fade in bright weather

Its color sells it on sight

It is fine under artificial light

Cottage Maid is a Market Carnation

The Public Wants It

YOU NEED IT

PRICE: \$12.00 per 100; \$100.00 per 1000

FEBRUARY DELIVERY

Cottage Gardens Co. Inc.,

(Originators)

QUEENS, NEW YORK.



We extend to all our customers to all who will be our customers most Happy New Year Greetings and announce that the difference between the quality of the Cut Flowers and general stock we deliver when you order from us and the kind you get elsewhere is vastly greater than the difference in prices.

Why Not Get the Best?

CARNATIONS, Extra Fine Quality

Roses, Valley, Easter Lilies, Paper Whites, Stevia
CATTLEYAS, CYPRIPEDIUMS, JONQUILS, FREESIA

Price List:

AMERICAN BEAUTIES.		Per doz.
Specials		\$6.00 to \$7.50
36 to 40 inches		5.00
28 to 30 inches		4.00
24 inches		2.50 to 3.00
RUSSELLS.		Per doz.
Extra Long		\$4.00
Long		3.00
Medium		\$1.50 to 2.50
Short		.75 to 1.00
Hoosier Beauty		Per 100
Scott Key	Long	\$12.00 to \$15.00
Milady	Medium	8.00 to 10.00
Richmonds	Short	5.00 to 6.00
Brilliant	Special	12.00 to 15.00
Sunbursts	Long	10.00
Ophelia	Medium	6.00 to 8.00
Aaron Wards	Short	4.00 to 5.00
White Killarney	Special	12.00
Killarney	Long	8.00 to 10.00
	Medium	6.00
	Short	4.00 to 5.00
For extra long special roses we charge accordingly.		

MINIATURE ROSES.		Per 100
George Elgar		\$3.00
Cecile Brunner		3.00
Baby Doll		4.00
Fireflame		\$4.00 to 6.00

ORCHIDS.		Per doz.
Cattleyas		\$6.00 to \$7.50
Cypripediums		2.00
Phalaenopsis		1.50

CARNATIONS.		Per 100
Fancy		\$3.00 to \$4.00
Our selection		2.00 to 2.50
Splits		1.00 to 1.50

VALLEY.		Per 100
Extra Fancy		\$8.00
Fancy		\$5.00 to 6.00
Good		4.00

MISCELLANEOUS CUT FLOWERS.		
Paper Whites		
Jonquils—Daffodils		\$ 4.00
Freesia		4.00
Romans		
Stevia		
Easter Lilies		12.00
Violets		1.00
Sweet Peas		1.50
Snapdragon		per doz. 1.00
GREEN GOODS.		
Smilax		per doz.
Plumosus		
Sprenger		
Adiantum		
Adiantum Hybridum		
Farleyense		\$10.00
Galax gr. and br.		
Leucothoe		per 1,000.
Mexican Ivy		
Flat Ferns		
Flat Ferns		per 1,000
Boxwood, per bu. 25c.		case.
Woodwardia Ferns		6.00

FLORISTS' SUPPLIES.

SPECIAL PRE-INVENTORY SALE OF ALL SUPPLIES.

Valentine Baskets, 50 Asstd., \$10.00

Corsage Pins, Green and Violet Foil, Bo

Corsage Ties, all colors, doz., 1.00

Two-tone Flower Baskets, doz., \$6.

Lacette and Tricotine Novelties

Look for Our Pre-Inventory Circular

Perfectly Dried Straw Flowers, long stems, asstd. colors, per 100, \$2

Write for estimate on all your accessories before buying elsewhere.

POEHLMAN

72-74 E. Randolph St.,



Moran Gotsch

MISCELLANEOUS PLANTS.

Andanus Veitchii, 4-in. pot,	Each	\$0.35	Crotons, 5-in. pot,	60c to 75c each
" " 5-in. pot,	\$0.60 to .75	Asparagus Sprengeri, 3-in. pots, per 100,	\$6.00	
" " 6-in. pot,	1.00	" " 4-in. pots, per 100,	10.00	
" " 7-in. pot,	1.25	Asparagus Plumosus, 2½-in. pots, per 100,	3.50	
" " 8-in. pot,	2.00	Table Ferns, 2½-in. pots, per 100,	3.50	
Rubber Plants, 5-in. pot,	\$0.50 to .75	" " 3-in. pots, per 100,	8.00	
" " 7-in. pot,	\$1.00, \$1.50, 2.00	" " 4-in. pots, per 100,	15.00	

Kentias Western Kentias Headquarters

Largest and most complete stock offered in the West, in a healthy, strong and clean condition.

Previous prices quoted on Palms are hereby cancelled.

FORSTERIANA SINGLE PLANTS.

Leaves	Each
5-6 28 inches high.....	\$1.25
6-7 32-34 inches high.....	1.50
6-7 34-36 inches high.....	2.00
6-7 40-42 inches high.....	3.50
6-7 42-46 inches high.....	4.00
6-7 50 inches high.....	5.00
6-7 52-56 ins. high hv.....	7.00
6-7 60 inches high.....	8.00
6-7 60-65 inches high.....	12.00
6-7 8 feet high.....	40.00
6-7 9-10 feet high.....	50.00

KENTIA BELMOREANA SINGLE PLANTS.

Leaves	ins. high	Per doz.
4 inch pots 5-6 16-18 45c each.....		\$5.00
6 inch pots 5-6 24 each.....		1.25
6 inch pots 5-6 28 each.....		1.50
8 inch tubs 5-6 42 each.....		5.00

Specimen plants, 15 inch tubs, \$75.00 each.

KENTIA FORSTERIANA MADE UP PLANTS.

Plants	Each
6 inch pots 3 26-28 inches high.....	\$2.00
7 inch tubs 3 30-32 inches high.....	2.50
8 inch tubs 3 38 inches high.....	4.00
8 inch tubs 4 48-50 inches high.....	5.00
9 inch tubs 4 52 inches high.....	6.00
10 inch tubs 4 54 inches high.....	8.00

Plants	Each
12 inch tubs 4 60-64 inches high.....	\$12.00
12 inch tubs 4 66 inches high.....	15.00
15 inch tubs 4 6-6½ ft. high, heavy.....	25.00
15 inch tubs 4 75-80 inches high.....	30.00

ARECA LUTESCENS.

Plants	Each
6 inch pots 4 bushy, 24-26 ins. high.....	\$1.25

ASPIDISTRAS.

5 inch pots, 10-12 leaves, green.....	\$1.00
6 inch pots, 10-20 leaves, green.....	1.50
5 inch pots, 10-12 leaves, var.....	1.50

PTYCHOSPERMA ALEXANDRAE.

2¼ inch pots.....	\$10.00 per 100
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LIVISTONA ALTISSIMA.

2¼ inch pots.....	\$10.00 per 100
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A Nominal Charge is Made for Packing.

N BROS. CO.

Long Distance Phone, **CHICAGO, ILL.**
Randolph 35.

Heavy Reduction in Prices

BIG CROP OF CARNATIONS NOW ON.

AMERICAN BEAUTIES

Our cut consists mostly of medium and shorter length stems, but very fine flowers.

	Per doz.
Extra specials, extra long stems.....	\$5.00 to \$6.00
Stems 30 to 36 inches.....	3.00 to 4.00
Stems 18 to 24 inches.....	1.50 to 2.50
Stems 12 to 18 inches.....	1.00 to 1.50
Shorter lengths.....	50 to 1 00

RUSSELLS—The best in this market.

	Per doz.
Specials, extra long.....	\$2.50
Long.....	2.00
Good medium.....	\$1.25; 1.50; 1.75
Good short.....	75 to 1.00

RED ROSES

Rhea Reid and Richmond

	Per 100
Long.....	\$10.00 to \$12.00
Good medium.....	6.00 to 8.00
Good short.....	4.00 to 5.00

Ophelia, Shawyer and Sunburst

	Per 100
Long.....	10.00
Good medium stems.....	6.00 to 8.00
Good short stems.....	4.00 to 5.00

Pink and White Killarney, Brilliant

	Per 100
Long.....	\$8.00 to \$10.00
Good medium.....	6.00
Good short.....	4.00

OUR SELECTION. Assorted Roses one-half white, in lots of 300 or more, at the rate of\$3.00 per 100

Cecile Brunner and Baby Doll

Per bunch of 25 buds.....	\$0.75
---------------------------	--------

CARNATIONS—Note Big Reduction.

All colors, per 100.....	\$2.00 to 4.00
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MISCELLANEOUS

PAPER WHITES	Per 100,	\$3.00
JONQUILS	Per 100,	4.00
VALLEY	Per 100,	6.00
ASPARAGUS and SPRENGER	Per 100, 2 00 to	3.00
GALAX , Green or Bronze. new crop, per 1000,		1.00
CHOICE COMMON FERNS	Per 1000,	\$2.50 to \$3.00

All other seasonable stock at market prices.

BASSETT & WASHBURN

LONG DISTANCE PHONE:
CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Gregg Station, Ill.

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

A VERY QUIET WEEK.

Trade was very quiet last week, and while there was not any great supply of stock offered, prices were lower than they have been for some time, especially carnations, which have not been in any too good a demand all season. American Beauty roses are having a good call and command high prices considering the general market conditions and clean up better than any other item. Mrs. Chas. Russell roses are in large supply and are having a fairly good call, but prices might be a whole lot better. Roses in general are plentiful enough to supply the demand including White Killarney, which is meeting with good sale. Carnations especially are in extra large supply and probably never sold at such cheap prices in January as they did last week. Sweet peas are seen in large quantities and very choice stock is obtainable in this line at very reasonable and much lower figures. Orchids seem to be in large enough supply to meet the demand and hold up well in price. Gardenias are having their usual good call and the same holds true for lily of the valley. Lilies are seen in larger numbers and the same applies to callas. Violets, both home-grown and single, are more numerous and have dropped considerably in price. White and yellow narcissi are to be had in quantity at low figures which have prevailed practically all through the season. Jonquils, tulips, snapdragons, daisies, daffodils, Romans, freesis, mignonette, white, pink and red bouvardia, purple stocks, irises, sweet allysum, stevia, calendulas and a limited supply of "hate-to-leave-you" pompons and chrysanthemums are included in the many offerings. Greens of all kinds are in good supply and



Herman W. Rogers.

while at times one or two items are short there is nearly always enough of everything available to fill all the immediate orders. Trade at this writing, Wednesday, January 10, is much better and if conditions continue to improve a sudden shortening up of stock in some lines may be expected. The shipping trade is showing the most improvement, which is helping conditions considerably, for the out-of-town demand last week was the quietest that it has been for several months.

NOTES.

Fred Breitmeier, of the Breitmeier Floral Co., Mt. Clemens, Mich., was here this week with his new Rose Pink Ophelia, which looks good to all the growers who had the pleasure of inspecting it. This variety will be disseminated in 1918 and possibly next spring for so many growers are so anxious to secure some of the stock that it will be pretty hard for Mr. Breitmeier to refuse them. Every rose grower will do well to investigate this variety, for it is a great producer and one of the prettiest, pleasing pink roses that one ever had the pleasure to come across. A. Miller, of the American Bulb Co., had a vase of this same rose on display at his firm's store during Christmas week, when it attracted much favorable attention.

Herman W. Rogers, who has been connected with Weiland & Risch for the past 12 years and with the local trade since 1889, is leaving for Detroit, his native city, and will probably start in business on his own account at an early date. Mr. Rogers is one of the best all around storemen in this vicinity and has a host of friends in the trade here as well as elsewhere and carries with him the best wishes of all.

Bassett & Washburn are cutting heavily in roses and are offering some particularly fine Ophelia and Mrs. Chas. Russell. Carnations are also seen in large supply at this establishment and a good demand is reported for the variety Belle Washburn.

It is rumored that one of the young men employed in the A. L. Randall Co.'s cut flower department is going to join the ranks of the benedicts in the very near future. Not mentioning any names, it is understood his initials are the fifteenth and seventh letters of the alphabet.

HEAVY CROP SUPREME QUALITY ROSES RUSSELL, KILLARNEY, SUNBURST, ETC.

You can always get what you want here and it is well to remember when ordering that we have positively the best stock in the Chicago market at the prices quoted.

Buy Direct From The Grower.

CURRENT PRICE LIST

Subject to Change Without Notice.

AMERICAN BEAUTIES

	Per doz.
48 to 60-inch stems	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.00
20-inch stems	1.50

MRS. CHAS. RUSSELL

	Per 100
Specials	\$25.00
Select	20.00
Medium	\$12.00 to 15.00
Short	6.00 to 8.00

RICHMOND

	Per 100
Specials	\$12.00
Select	10.00
Medium	8.00
Shorts	5.00

MILADY

	Per 100
Specials	\$12.00
Select	10.00
Medium	8.00
Short	5.00

Killarney		Per 100
White Killarney..	Specials	\$12.00
Killarney Brilliant	Select	10.00
Sunburst	Medium	\$6.00 to 8.00
My Maryland.....	Short	4.00 to 5.00
Ophelia		

ROSES, OUR SELECTION.....

	Per 100
Carnations, fancy.....	\$4.00
" good	3.00

Harrisiiper doz., \$12 50 to \$15 00

		Per 100
Valley		6 00
Violets	1 00 to	1 50
Stevia	1 50 to	2 00
Sweet Peas	1 50 to	2 00
Smilax	2 00 to	2 50
Adiantum	1 00 to	1 50
Asparagus, per bunch.....	50c to 75c	
Ferns, per 1000.....	\$3.00	
Boxwood	per bunch, 25c	
Galax, bronze and green, per 1000, \$1 25		
Leucothoe Sprays	75c to	1 00

2,000,000 Feet of Modern Glass

PETER REINBERG

30 East Randolph St.,

LONG DISTANCE PHONES
CENTRAL 601 and 2846

CHICAGO

The Chicago Flower Growers' Association is receiving a large supply of fine narcissus from August Jurgens, who always produces very choice stock in this line. Tulips and other bulbous flowers help make their assortment of cut flowers larger and more complete than ever.

Frank H. Traendly, of Traendly & Schenck, New York, and Robert Simpson, of Clifton, N. J., called on the trade here last week, leaving January 6 for Mt. Clemens, Mich., to see Rose Pink Ophelia at Fred Breitmeyer's establishment.

Lloyd E. Shirley, vice-president of the Garland Manufacturing Company, is back from an eastern business trip. The Garland company will have a new catalogue ready for mailing soon.

The wooden shipping boxes that the local wholesalers are using according to one of the dealers, have advanced from three to eight cents each.

Felix Wojtkiewicz, 3016 Waterloo place, bought the Norby & Hoeft greenhouses at Des Plaines recently, taking possession January 1.

ROSES-CARNATIONS

CURRENT PRICE LIST.

BEAUTIES.	Per dozen
Stems 12-inch to 48-inch.....	\$1.50 to \$5.00

RUSSELLS	Per 100
Short and medium.....	\$8.00 to \$12.00

ALL OTHER ROSES OBTAINABLE IN THE CHICAGO MARKET.

	Per 100
Short, medium and select.....	\$4.00 to \$10.00
Roses—Our selection.....	4.00
Extra specials billed accordingly.	

CARNATIONS	Per 100
Fancy	\$3.00
Good	\$1.50 to 2.00

MISCELLANEOUS.	Per 100
Violets	\$1.00 to \$ 1.50
Valley	6.00
Easter Lilies	12.50 to 15.00

MISCELLANEOUS—Cont. Per 100

Stevia	\$1.50 to \$2.00
Yellow Narcissus	4.00 to 5.00
Calendulas	2.00 to 4.00
Paper Whites	2.00 to 3.00
Snapdragons	per bunch .75 to 1.00
Mignonette	6.00
Callas	per doz. 2.00
Sweet Peas	1.00 to 1.50

GREENS.

Asp. plumosus sprays...bunch	\$0.35 to \$0.50
Sprenger	per bunch .35 to .50
Adiantum	per 100 1.00
Fancy ferns	per 1,000 3.00
Galax leaves	per 1,000 1.25
Boxwood	per lb. .25
Mexican Ivy	1.00
Leucothoe Sprays .....	.75

SUPPLIES

Corsage Shields, Pins, Baskets, Ribbons, Chiffons, Magnolia Leaves, Boxes, Threads, Etc.

O. A. & L. A. Tonner

30 E. Randolph Street,

Phone,
Central 6284.

CHICAGO, ILL.

BEAUTIES-ROSES CARNATIONS

Wonderful Crop. Place Your Regular Orders With Us.

Current Price List--

Subject to Change
Without Notice.

AMERICAN BEAUTIES.	Per Doz.
48 to 60-inch stems.....	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.00

RICHMOND.	Per 100
Extra Special	\$10.00
Select	8.00
Fancy	7.00
Medium	6.00
Good	5.00
Short stems	4.00

MRS. CHAS. RUSSELL.	Per 100
Fancy stock	\$10.00 to \$20.00

PINK KILLARNEY, WHITE KILLARNEY, KILLARNEY BRILLIANT, SUNBURST, OPHELIA.	Per 100
Extra Special	\$10.00
Select	8.00
Fancy	7.00
Medium	6.00
Good	5.00
Short Stems	4.00

MINIATURE ROSES.	Per 100
Baby Doll	\$3.00
Elgar	3.00
ROSES, OUR SELECTION.....	4.00

CARNATIONS.	Per 100
Fancy	\$2.50
Good	\$1.50 to 2.00

MISCELLANEOUS.	Per 100
Valley	\$ 6.00
Lilies	\$12.50 to 15.00
Ferns, per 1,000.....	2.50
Smilax, per doz. strings.....	2.00
Adiantum	1.00
Galax (bronze and green), per 1,000.	1.50
Asparagus Sprengeri, bunch.....	.50
Asparagus Plumosus, bunch.....	.50
Boxwood, per lb.....	.25
Other Green Goods Market Rates.	

WIETOR BROS.

162 N. Wabash Ave., L. D. Phone
Randolph 2081 **CHICAGO**

Mrs. Frances Stollery, 5063 Glenwood avenue, part owner of the Lincoln Floral Co., 3154 Lincoln avenue, wife of Frederick Stollery, of Stollery Bros., well-known Wilson avenue florists, was seriously injured, and Mrs. Jane Folsom Vail, her sister, was killed in a spectacular collision at 10:30 o'clock Tuesday evening, January 9, between an automobile and a street car at Wellington avenue and Broadway. Another party was killed, three other people were injured in the accident all of whom were in the auto when the accident occurred, with the exception of one. Mrs. Stollery and her sister were leaving the florist shop for home when a southbound car speeding down Broadway struck the auto, which was going east on Wellington avenue. The car struck the auto with an impact so terrific that the machine was hurled across the street and into the window of a millinery shop. The plate glass window was smashed, sending a shower of glass into the street car and inflicting minor injuries to several of the passengers. Mrs. Stollery and her sister were taken to the Chicago Union hospital, where Mrs. Vail died shortly after. Mrs. Stollery will recover, according to the physicians.

Wietor Bros. are supplying their trade with a fancy grade of American Beauty roses, which are none too plentiful in this market at present. N. J. Wietor reports that the early demand has already started in for American Beauty rose bushes for spring delivery. They fill a large number of orders each year for this stock and their firm is one of the few in this vicinity that still grow this rose on a large scale.

Wallace H. Eiss, secretary of the Wm. F. Kasting Co., Buffalo, N. Y., called on the trade here this week. He

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

CUT FLOWERS

Everything in season in quantity at all times. You can always get what you want here at reasonable prices. Put us to the test.

Chicago's Largest Dealers in Decorative Greens

WANTED

Names of retail florists and buyers of cut flowers who wish to keep posted on special bargains in Chicago Market. Send in your name—no charge for this information.

M. C. GUNTERBERG,

158 N. Wabash Ave., Chicago

brought along a vase of the new chrysanthemum, Hamburg Late White, to be disseminated next season. This variety scored 83 points at Philadelphia, Pa., December 14, 83 points at Boston, Mass., on the same day and 85 points at New York, December 18.

R. J. Windler, 6618 North Robey street, is distributing posterettes of the St. Louis Spring Flower show to be held March 15-16-17-18. Mr. Windler's former home was in St. Louis before

he went into the greenhouse business here and he is doing all he can to boost the show from this end.

Zech & Mann received the first shipment of their celebrated freesias this week and will have a large quantity of choice stock to offer all the rest of this season.

J. C. Craig says that trade has been remarkably good at his South Wabash avenue store last week, with a particularly heavy run on funeral work.



You can get the Best
in Cut Flowers and
Greens for the Least
Money Right Here.

BEAUTIES-ORCHIDS-ROSES-CARNATIONS SWEET PEAS-LILIES-VALLEY-GREENS-ETC.

CURRENT PRICE LIST == Subject to Change
without notice.

AMERICAN BEAUTY	Per doz.
Extra long stems.....	\$6.00
Stems 48 inches.....	5.00
Stems 30 to 36 inches.....	4.00
Stems 24 inches.....	3.00
Stems 18 to 20 inches.....	2.00
Stems 12 inches.....	1.50
Short Stems.....	100, \$6.00

MRS. CHAS. RUSSELL	Per 100
Special.....	\$25.00
Select.....	20.00
Medium.....	15.00
Short.....	\$6.00 to 12.00

ROSES	
Richmond, special.....	\$12.00
" select.....	10.00
" medium.....	8.00
" short.....	\$4.00 to 6.00
Milady, special.....	\$12.00
" select.....	10.00
" medium.....	8.00
" short.....	\$4.00 to 6.00
Killarney Brilliant, special.....	\$12.00
" select.....	10.00
" medium.....	8.00
" short.....	\$4.00 to 6.00
Ophelia, special.....	\$12.00
" select.....	10.00
" medium.....	8.00
" short.....	\$4.00 to 6.00

ROSES—Continued.	Per 100
White Killarney, special.....	\$10.00
" select.....	8.00
" medium.....	6.00
" short.....	4.00
Killarney, special.....	\$10.00
" select.....	8.00
" medium.....	6.00
" short.....	4.00
Mrs. Ward, special.....	12.00
" select.....	10.00
" medium.....	8.00
" short.....	\$4.00 to 6.00
Sunburst, special.....	12.00
" select.....	10.00
" medium.....	8.00
" short.....	\$5.00 to 6.00
Cecile Brunner.....	2.00 to 3.00
Elgar.....	2.00 to 3.00
Baby Doll.....	2.00 to 3.00
ROSES, OUR SELECTION.....	4.00
Extra special roses billed accordingly.	

CARNATIONS.	
Red.....	\$4.00
White or Pink.....	\$2.00 to 3.00
ORCHIDS.	Per doz.
Cattleyas.....	\$7.50
Vandas, fine large sprays, 25c per flower.	

MISCELLANEOUS.	Per 100
Violets.....	75c to \$ 1.50
Valley.....	6.00
Easter Lilies.....	10.00 to 12.50
Stevia.....	2.00
Calendulas.....	4.00
Paper Whites.....	2.00 to 3.00
Daisies.....	1.00 to 2.00
Snapdragons.....per bunch	.75
Mignonette.....	6.00
Romans.....	3.00
Callas.....per doz.	1.50 to 2.00
Sweet Peas.....	1.50 to 2.00

GREENS.	
Asp. plumosus.....per string	\$0.50 to \$0.75
Asp. plumosus sprays...bunch	.35 to .50
Sprengerl.....per bunch	.35 to .50
Adiantum.....per 100	.75 to 1.00
Smilax, choice.....per doz.	1.50 to 2.00
Fancy ferns.....per 1,000	2.50
Galax leaves.....per 1,000	1.25
Wild Smilax.....per case	5.00
Boxwood.....	
per lb., 25c; 50-lb. case...	7.50
Mexican Ivy.....	.75
Leucothoe Sprays.....	.75

A. L. VAUGHAN & Co.

NOT INC.

PHONES:

CENTRAL 2571-AUTOMATIC 48-734-CENTRAL 2572
161 North Wabash Ave, Chicago

Z E C H & M A N N

Chicago Headquarters

RUSSELL OPHELIA

EXTRA FANCY SWEET PEAS ORCHID FLOWERING

Positively the largest and finest supply obtainable in the Chicago market. Also large quantity of fine Ward, Sunburst, Richmond, Milady and White Killarney roses.

CARNATIONS

Extra choice stock in all the best new and standard varieties.

ALSO ORCHIDS, VALLEY, FREESIAS,
LILIES, CALLAS, NARCISSUS, GREENS.

Remember when ordering that our line is so complete that it includes every item offered in the Great Chicago Market.

30 E. Randolph St., Chicago
L. D. Phones
Central 3283
Automatic 42-965



STOP LOSING MONEY.

You can prevent your losses on Cut Flowers by always buying strictly fresh stock from

A. T. PYFER & Co.

—Wholesale Florists—

30 E. Randolph Street,

CHICAGO, ILL.

Long Distance Telephone—Central 3373.

H. Van Gelder, of Percy Jones', reports that his bronze galax advertisement, which appeared in a recent issue of this paper, brought orders from every section of the country, including California, and enabled him to dispose of a large quantity at an early hour. Mr. Van Gelder, who is interested in five other lines, is devoting more time to his wholesale florist business and finds that the more he mingles with the dealers the better he knows them and says that they are as fine a class of people as he would care to do business with.

Poehlmann Bros. Co. is showing a fine line of roses in all the new and best standard varieties in addition to a choice grade of carnations. Stevia, narcissi, lilies and orchids are included in the daily shipments from the greenhouses. The supply department is having a heavy call for its special \$10 assortment of 50 Valentine baskets.

J. A. Budlong's December sales were the best in the history of the firm and exceeded those of any other month. Budlong's had an extra large supply of stock from their own range in addition to an added supply from several other growers, which cleaned up completely at an early hour.

Peter Reinberg is cutting heavily in Mrs. Chas. Russell and Sunburst roses and a large quantity of carnations. Felix Reichling says that last year carnations brought four and five cents each in January compared to half and less than half that figure that they are selling for this month.

A. L. Vaughan & Co. have built up a nice trade on orchids, which they are handling in quantity in addition to a large and complete line of all other seasonable cut flowers. The shipping trade has shown much improvement at this establishment this week.

H. T. Meinersmann is the new proprietor of the Lister Floral Shop, 1008 Belmont avenue, which he purchased from A. C. Kohlbrand last week. It is rumored that Mr. Meinersmann is planning on conducting a chain of retail flower stores in this city.

A. T. Pyfer & Co. report a brisk demand for fancy orchid flowering sweet peas, which they are handling in quantity. Roses are seen in good supply at this establishment, particularly Killarney Brilliant.

Miss Emma Small and Vincent Neil, city salesman for the American Bulb

SOUTHERN WILD SMILAX

\$2.50 PER CASE.

Holly, standard case	\$2 25
Dyed Sheet Moss, per bag 100 square feet	3 50
Natural Sheet Moss, per bag 100 square feet	1 75
Long Needle Pines, assorted sizes 2 to 4 feet, per doz.,	1 25
Grey Moss, 25-lb. bags, per bag	2 50

E. A. BEAVEN,

Evergreen, Ala.

Company, will be married February 3. Good luck, Vincent, and may all your troubles be little ones.

A new concern will open for business in the wholesale market in the very near future with an article that will prove to be of particular interest to many in the trade.

George Pandell, Ft. Wayne, Ind., was in the city buying stock this week. He reports a splendid holiday business, which was away ahead of last year.

It is rumored that another retail store will open for business in North Wabash avenue, opposite the Le Moyne building. Particulars later.

The death of Dick Donovan, one of the early florists of the city, is recorded in our obituary column this week.

O. A. and L. A. Tonner are handling a fine supply of narcissus in addition to a nice line of other cut flowers.

M. C. Gunterberg says that her supply of violets is steadily increasing but is moving well at good prices.

Fred Dubois is now connected with Ronsley the Florist, 17 East Jackson boulevard.

Mrs. Ennis, Milwaukee, Wis., was a visitor in the wholesale market January 4.

Nick Thinnies is having a delightful time with his new Hudson supersix.

Visitors: H. H. Bowyer, Norwood Grove, Man.; Harry White, Wabash, Ind.; A. G. Bieberich, Huntington, Ind.; W. D. Desmond, Minneapolis, Minn.; Edw. Amerpohl, Janesville, Wis.; A. E. Kunderd, Goshen, Ind.

Detroit Bowling.

The weekly practice games of the Detroit Florists' Club teams were played Thursday night, January 4, with the following result:

E. A. Feters	131	219	177
A. Sylvester	144	175	171
H. Foster	142	120	123
F. Holznagle	150	176	145
Ed Pautke	120	129	114
Thos. Browne	101	143	106
A. Beizer	166	135	113
R. Taylor	143	148	142
N. Sullivan	144	170	126
J. K. Stock	207	159	172
Jos. Streit	210	163	189
M. Bloy	179	159	173
Fred Pautke	155	164	173
J. Klang	150	177	127
Wm. Hielscher	103	111	105
R. Rahaley	119	129	135
J. F. Sullivan	156	120	168
P. Pape	130	127	117
E. Sullivan	135	165	128
R. Jean	86	105	88
J. F. McHugh	115	150	160
Otto Herling	127	159	156
Ed Leuchtman	99	105	110
J. F. McHugh, Jr.	121	221	107
T. E. Dalsky	168	163	137

J. F. S.

Bowling at New York.

The New York Florists' Club bowling team, which meets every Thursday night at Thum's alleys, Broadway and 31st street, rolled the following scores January 4:

Miesen	156	166	186
Fenrich	153	165	147
Ford, W. P.	160	124	153
Jacobson	127	142	167
Irwin	157	142	176
Donaldson, A.	162	142	147
Kakuda	140	136	157

Large Reliable Daily Supply

ROSES, CARNATIONS

Valley, Sweet Peas, Lilies, Narcissi, Jonquils, Violets, Calendulas, Snapdragons, Freesia, Stevia, Tulips, Mignonette, Daisies, Pansies, Feverfew, Romans and all other seasonable stock. In addition we carry a general line of all kinds of Greens such as Ferns, Asparagus Plumosus, Asparagus Sprengeri, Green and Bronze Galax, Leucothoe Sprays, Adiantum, Mexican Ivy and Boxwood.

So if you want good stock and good treatment

Send Your Orders To

Chicago's Most Up-to-date and best located Wholesale Cut Flower House

**Quality
Speaks
Louder
Than
Prices.**

J. A. BUDLONG

184 North Wabash Ave., Corner Lake St., CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

CUT FLOWERS

**Prices
As
Low
As
Others.**

SHIPPING ORDERS GIVEN CAREFUL ATTENTION.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

The Chicago Flower Growers Association

WHOLESALE GROWERS of CUT FLOWERS and PLANTS

182 North Wabash Avenue

L. D. Phone Randolph 631

CHICAGO

ROSES CARNATIONS SWEET PEAS LILIES VALLEY
TULIPS JONQUILS NARCISSI FREESIAS MIGNONETTE
CALLAS CALENDULAS STEVIA ORCHIDS SNAPDRAGONS
VIOLETS DAISIES STOCKS GREENS PUSSY WILLOWS.

Order Here—You Can't Do Better Elsewhere—Often Not Nearly As Good.

Omaha.

Business since the start of the new year has been very good, with daily sales highly satisfactory. Funeral work has been quite an item and in addition several events of importance played their part in moving quite a quantity of stock. The weather has been fine, for which the trade has been thankful as it helps to conserve the coal pile. The removal of the First National bank to its new quarters created a call for many flowers and all of the florists were busy.

Hess & Swoboda sent many handsome floral arrangements, the value of which totaled over \$700 on the occasion of the opening of the new quarters of the First National bank.

GRIPPE.

Southern Wild Smilax

\$2.50 Per Case.

Holly, standard case.....	\$2 25 per case
Fadeless Sheet Moss, 100 square feet.....	3 50 per bag
Natural Sheet Moss, 100 square feet.....	1 75 per bag
Southern Grey Moss, 25 pounds.....	2 50 per bag
Long Needle Pines, assorted 2 to 4 feet.....	1 25 per doz.

Caldwell The Woodsman Co., Evergreen, Ala.

Mention the American Florist when writing



Order Your Supply Now!

Make Your Selection of These Six Special Offers and Let Us Have Your Orders as Early as Possible.—Do it today if Convenient.

Plant Baskets.

No. 1—\$18.00.

12 Plant Baskets for plants ranging in size from 5 to 10-inch pots.

No. 2—\$12.00.

12 Plant Baskets for plants ranging in size from 5 to 10-inch pots.

No. 3—\$8.00.

12 Plant Baskets for plants ranging in size from 5 to 10-inch pots.

Cut Flower Baskets.

No. 1—\$7.50.

25 Baskets for short-stemmed cut flowers.

No. 2—\$15.00.

25 Baskets for medium-stemmed cut flowers.

No. 3—\$19.00.

25 Baskets for long-stemmed cut flowers.

Willow and Reed used exclusively in our Baskets. Prices include liners.

WRITE FOR OUR NEW CATALOGUE.

RAEDLEIN BASKET COMPANY

713 Milwaukee Ave..

CHICAGO

St. Louis.

GOOD SUPPLY BUT PRICES ARE LOW.

The holiday rush being over, business is becoming normal and prices have dropped rapidly. While the fine weather lasted the supply of stock was heavy, some of which reached this market in very good condition. American Beauties were not plentiful but the quality was excellent and they sold at from \$1.50 to \$4 per dozen. The supply of Mrs. Chas. Russell was just about sufficient to meet requirements but the demand was not as brisk as it should be. They cleaned up well though at from \$8 to \$20 per 100. Ophelia, Sunburst, Ward, Hoosier Beauty and Milady are in good supply at prices ranging from \$4 to \$12.50. Both Killarneys are in heavy supply and the quality is very good, but sales are not numerous. White Killarney is selling better than the pink, but the prices are low, the best bringing only \$6 per 100. Carnations are plentiful with a fair call. Heavy out-of-town shipments are arriving and prices have dropped to \$10 per 1,000 for good stock. The best home-grown brought \$2 per 100. Paper White narcissus is plentiful. The prices vary from \$1 per 100 for inferior grades to \$2 for the best. Violets are arriving in larger quantities every day and the sunny weather has given them fine color and flower. They sell at from 35 to 50 cents per 100. Of sweet peas, there are just enough to supply the demand. Some very fine Spencers are to be had at \$1 per 100, common varieties being offered at 50 cents. Lily of the valley is plentiful at \$6 per 100. Harrisii lilies are scarce at 12½ cents. Callas are in good demand at \$10 per 100. Decorative greens of all kinds sell well and the supply is large.

NOTES.

H. C. Ostertag, of Ostertag Bros., has been highly complimented in the daily press for the decoration of the new state capitol at Jefferson City on the occasion of the inauguration of the governor and other state officers, which took place January 9. The price of the decoration was \$1,400. Wild smilax and American Beauty roses were used in profusion.

Gullett & Sons of Lincoln, Ill., are shipping large quantities of carnations to this market, the quality of which is very fine. H. G. Berning, who distributes this stock, is well satisfied with sales but an improvement in prices would be gratifying.

The fine display of the Rando electric fountains in the downtown store of Grimm & Gorly is attracting much attention from the public. F. X. Gorly reports numerous sales of them.

Windler Wholesale Cut Flower Co. reports business good. Al. Gumz states that the outlook for spring is excellent. This firm has very select callas and Spencer sweet peas.

The business of the north end florists was better last year than ever before. A great improvement in the demand for cut flowers is reported from this section of the city.

Alex. Siegel, the well-known downtown retailer, is still on the sick list and his many friends will regret to learn that his condition is showing little improvement.

The counters at the W. C. Smith Wholesale Floral Co. are well filled with fine violets and roses. Some especially fine Hoosier Beauty are featured here.

Miss Rose Schoenle is one of the most welcome visitors to the market. She is seen there every day and the trade admire her for her good business ideas.

W. A. Rowe, of Kirkwood, is supplying the local market with fine carnations, Paper White narcissus and sweet peas.

A fine showing of orchids in variety can be seen daily at the St. Louis Wholesale Cut Flower Co.'s establishment.

The first cut of jonquills reached this market a few days ago and are on sale at the Windler Wholesale Floral Co.

Visitors: W. A. Long, representing Vaughan's Seed Store, Chicago; M. Levine, of Lion & Co., New York.

X. Y. Z.

MATTAPAN, MASS.—Senger Bros. have opened a retail store at 1383 Blue Hill avenue.

RED CYCAS LEAVES.

Sizes.	Pkg. of 10	Per 100
8 to 12 inches.....	\$0.45	\$3.50
12 to 16 inches.....	.60	5.00
16 to 20 inches.....	.75	7.00
20 to 24 inches.....	.95	9.00
(50 Cycas at 100 rate—10 to pkg.)		

CREPE PAPER AND POT COVERS.

	Per Doz.	Per 100
Waterproof (all colors).....	\$2.50	\$20.00
Pebbled, pleated (all colors).....	2.00	15.00

PINE CONES.

Extra choice quality, with stems and most desirable of all kinds of Xmas decorations.

Price per 100.....only \$1.50

Get Our List of Other Supplies.

GEO. H. ANGERMUELLER,

Wholesale Florist

1324 Pine St., St. Louis, Mo.

Horticultural Society of New York.

An exhibition of this society will be held January 13-14 at the American Museum of Natural History. The monthly shows have usually been held for the afternoon only, but it has been decided to try the experiment of holding them for two days. This one will be open on Saturday afternoon, and also on Sunday afternoon. There are classes open to all, and others restricted to non-commercial growers. Prizes are offered for cut flowers of orchids, carnations, sweet peas, schizanthus, Buddleia asiatica, and antirrhinums. Premiums are also offered for primula and begonia plants. Special prizes may also be awarded by the exhibition committee for unusual exhibits, and such exhibits are requested.

There will be a lecture at 4 o'clock Saturday afternoon, December 13, on "Darwin and Other Tulips," by John Scheepers. This will be illustrated with colored lantern slides.

Schedules are now ready for distribution and may be had by addressing the secretary, George V. Nash, New York Botanical Garden, Bronx Park, New York City.

GEORGE V. NASH, Sec'y.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
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JOSEPH FOERSTER

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E. C. AMLING CO.

The Largest, Best Equipped,
Most Centrally LocatedWHOLESALE
CUT FLOWER HOUSE
IN CHICAGO

174-6 N. Wabash Ave., CHICAGO

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CENTRAL 1977 and 1978.

Mention the American Florist when writing

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

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A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.Wholesale Cut Flowers,
Florists' Supplies.

Mention the American Florist when writing

Established 1883 Incorporated 1892

KENNICOTT BROS. COMPANY

Wholesale Commission Florists

163-5 No. WABASH AVE., CHICAGO
Telephone Central 466

ST. PAUL, MINN.—The employes of Holm & Olson have reformed their carnival marching club and it will doubtless prove as big a feature in the 1917 carnival as it did last year.

Wholesale Flower Markets

Chicago.

CURRENT PRICE LIST.		Dozen
Roses, Beauty, specials.....	\$5 00@	\$6 00
" " 36-in.....	4 00@	4 00
" " 30-in.....	3 00@	3 50
" " 24-in.....	2 00@	2 00
" " 20-in.....	1 50@	1 50
" " 18-in.....	1 00@	1 00
" " short.....per 100,	6 00@	8 00
" Mrs. Chas. Russell.....	1 00@	3 00
		100
" Hoosier Beauty.....	5 00@	15 00
" Killarney Brilliant.....	4 00@	15 00
" Killarney.....	4 00@	12 00
" White Killarney.....	4 00@	12 00
" Richmond.....	5 00@	15 00
" Prince de Bulgarie.....	5 00@	15 00
" Rhea Reid.....	5 00@	15 00
" My Maryland.....	4 00@	12 00
" Mrs. Geo. Shawyer.....	5 00@	15 00
" Milady.....	5 00@	15 00
" Sunburst.....	5 00@	15 00
" Mrs. Aaron Ward.....	4 00@	12 00
" Hadley.....	5 00@	15 00
" Ophelia.....	5 00@	15 00
" Double White Killarney.....	4 00@	12 00
" Mrs. Moorfield Storey.....	5 00@	15 00
" Champ Weiland.....	4 00@	12 00
" Stanley.....	5 00@	15 00
" Tipperary.....	4 00@	12 00
" Francis Scott Key.....	5 00@	15 00
" Bayard Thayer.....	5 00@	20 00
" Cecile Brunner.....	2 00@	3 00
" George Elgar.....	2 00@	3 00
" Baby Doll.....	2 00@	3 00
" Fireflame.....	4 00@	4 00
" Our selection.....	1 50@	4 00
Carnations.....per doz.,	6 00@	9 00
Cattleyas.....	25c	per bloom.
Vandas.....	2 00@	4 00
Freelias.....\$2 00@	\$4 00	per doz.
Gardenias.....	1 50@	2 50
Sweet Peas.....	1 00@	2 00
Daisies.....	2 00@	4 00
Calendulas.....	1 00@	\$2 00
Snappdragons.....	75@	1 50
Violets.....	12 50@	15 00
Lilium Harrisii.....	6 00@	8 00
Valley.....	4 00@	5 00
Adiantum Croweanum.....	4 00@	5 00
Jonquils.....	4 00@	5 00
Daffodils.....	3 00@	4 00
Romans.....	6 00@	8 00
Mignonette.....	4 00@	8 00
Bouvardia.....	10c@	15c
Pansies.....per 100	1 50@	2 00
Stevia.....per 100	2 00@	3 00
Paper Whites.....per 1000,	2 50@	3 00
Ferns.....	1 00@	1 25
Galax.....	5 00@	6 00
Leucothoe.....	5 00@	6 00
Mexican Ivy.....per 1000,	5 00@	6 00
Plumous Strings.....each,	60@	75
Smilax.....per doz.,	2 00@	2 50
Sprengerii, Plumous Sprays.....	8 00@	3 00
Boxwood, 25clb., per case.....	8 00@	3 00
Wild Smilax.....per case,	\$5 00	

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

Mention the American Florist when writing

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

Mention the American Florist when writing

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

Mention the American Florist when writing

HOERBER BROS.

Wholesale Cut Flowers
Growers of

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave.,

Mention the American Florist when writing



Mention the American Florist when writing

Beauties-Lilac-Gardenias

Three items that are in good demand now. If you place your order with us we can assure you of good quality, the lowest market price and we are in a position to fill your orders on short notice.

THE LEO NIESSEN CO.,

1201-5 Race St., Philadelphia, Pa.

Philadelphia.

HEAVY HOLIDAY CUTS CAUSE SHORT SUPPLY

There has been a falling off in the supply as is natural after the cutting of the heavy holiday crops. Roses are not at all equal to the demand, particularly in the shorter grades, for which there is a continuous call from those whose customers are the common people. Prices are but a shade less than for Christmas. There are but few of the higher grades as seen at that time, but prices are maintained because of the scarcity. American Beauties are still in fair supply, but will enter their shy period in another week or two, when one has to scour the town to get a dozen. Carnations are also a bit scarce, but growers say the plants look promising and before long there will be enough for all. Easter lilies are good stock at very fair prices; callas are also in demand. Cattleyas are hardly equal to the out-of-town orders. Lily of the valley is in full supply, but its 20 per cent increase in price still prevails. White narcissus is very abundant, selling slowly at buyers' prices. Good French Golden Spur is offered by a number of the houses. Sweet peas promise before long to rule the market. Very many growers in this vicinity have one, two or more houses planted to them, the best orchid varieties, some of which will in two or three weeks be in full crop and furnish shipments that will, as the season advances, tax to the utmost the facilities of the market in their disposal.

NOTES.

J. F. Pyle, of J. H. Pyle & Son, Kennett Square, Pa., reports things booming in his neighborhood. Way Brothers last fall added a house 40x400 feet to their range. Richard Brothers, Toughkenamon, erected one 41x400 feet which is planted to carnations. There are also a number of others who erected glass or mushroom sheds. Mushrooms are grown as a side line by many of the trade hereabouts, while quite a number make them their leading crop. Although this is the center of the old carnation belt, the rage is now for sweet peas, nearly all the growers having given considerable space to the cultivation of the orchid varieties. There will, Mr. Pyle thinks, be twice as many sweet peas shipped this season as ever before from this neighborhood.

The illustrated lecture on "Rock Gardens," given by Richard Rothe at the January meeting of the florists' club, was a delightful treat. These gardens are now becoming very popular as the examples as shown on the screen were of real gardens, features of the various estates when the pictures were taken. The S. S. Pennock-Meehan Co. staged Carnations Cottage Maid and Crystal White from the Cottage Gardens Co., Queens, N. Y. Baur & Steinkamp exhibited Carnation Merry Christmas; Carnations Doris and Rosalia were shown by S. J. Goddard, Framingham, Mass.; Carnation Abington by Littlefield & Wyman, North Abington, Mass.; Chrysanthemum Hamburg Late White by C. F. Guenther, Hamburg, N. Y. A seedling pink rose of exceptional merit was staged by Edw. Towill, Roslyn, Pa.

The Robert Craig Co. suffered a loss by fire at their Norwood plant, Satur-

BEAUTIES-RUSSELL AND OPHELIA ROSES VALLEY AND VIOLETS

and all other flowers in season. Ferns, Galax,
Magnolia Leaves, Asparagus, Adiantum, Etc.

H. G. BERNING,

WHOLESALE FLORIST

1402 PINE STREET,

ST. LOUIS, MO.

EDWARD REID

American Beauties, Orchids, Valley.

High Grade Roses and Carnations.

This is the exclusive shop, only one block from Express Depots.

1619-1621 RANSTEAD STREET,

PHILADELPHIA, PA.

Wholesale Flower Markets

BUFFALO, Jan. 10.		Per 100
Beauty Special..per doz.,	\$5.00	
" Fancy....	4.00	
" Extra....	3.00	
" 1st.....	2.00	
" 2nd.....	50c@1.00	
Roses, Killarney.....	4.00@12.00	
" My Maryland.....	4.00@12.00	
" Sunburst.....	4.00@12.00	
" Ward.....	4.00@6.00	
" Ophelia.....	5.00@15.00	
" Russell.....	10.00@20.00	
" Stanley.....	6.00@12.00	
" Mock.....	6.00@8.00	
" Shawyer.....	4.00@12.00	
Lily of the Valley.....	6.00@7.00	
Lilies.....	10.00@12.00	
Cattleyas.....	40.00@50.00	
Carnations.....	3.00@5.00	
Violets.....	60@75	
Asparagus Sprengerii..	35@50	
Ferns.....per 1000,	2.50	
Smilax.....	15.00@20.00	
Stevia.....	1.00@1.25	

CINCINNATI, Jan. 10.		Per 100
American Beauty, per doz.,	1.00@6.00	
Roses, Killarney.....	3.00@12.00	
" Mrs. Chas. Russell.....	8.00@10.00	
" Ophelia.....	8.00@20.00	
" Richmond.....	4.00@15.00	
" Sunburst.....	4.00@12.00	
Carnations.....	2.00@3.00	
Lilium Giganteum.....	10.00@12.50	
Lily of the Valley.....	6.00@7.00	
Orchids.....	6.00@7.50	
Narcissus.....	2.00@3.00	
Violets.....	75@1.00	
Sweet Peas.....	75@1.00	

BOSTON, Jan. 10.		Per 100
Roses, Beauty.....	20.00@60.00	
" Killarney Queen.....	4.00@12.00	
" White and Pink Killarney.....	4.00@12.00	
" Double White Killarney.....	4.00@12.00	
" Killarney Brilliant.....	6.00@16.00	
" Hadley.....	6.00@16.00	
" Cardinal.....	4.00@10.00	
" Mock.....	8.00@16.00	
" Mrs. Chas. Russell.....	8.00@16.00	
" Sunburst.....	8.00@16.00	
" Taft.....	4.00@12.00	
" Milady.....	4.00@10.00	
" Ward and Hillingdon.....	4.00@10.00	
" My Maryland.....	3.00@12.00	
Cattleyas.....	60.00@75.00	
Lily of the Valley.....	4.00@6.00	
Sweet Peas.....	1.50@2.00	
Carnations.....	1.50@5.00	
Paper White.....	2.50@3.00	

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

262B DEVONSHIRE STREET,
BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Mention the American Florist when writing

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 a. m.

Mention the American Florist when writing

BERGER BROS.

Central Market

ROSES, ORCHIDS, VALLEY

High Grade Carnations

Always high grade Easter Lilies

1225 Race St., Philadelphia, Pa.

Mention the American Florist when writing

CC. POLLWORTH CO.

Everything in the
line of Cut Flowers,
Plants and Florists'
Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., Milwaukee, Wis.

Wholesalers and Growers of
**Choice Cut Flowers
and Greens**

RIGE BROTHERS

Wholesale Florists and
Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

H. KUSIK & CO.

Wholesale Florists
and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers in Kansas City. If on the market, we have it. Get our prices and we will fill your orders. Satisfaction guaranteed.

1016-1018 McGee Street

Kansas City, Mo.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Pittsburgh Cut Flower Co.

WHOLESALE GROWERS

116-118 Seventh Street

PITTSBURGH, - PA

day night, January 6. The boiler shed caught fire from an overheated smoke flue and was completely destroyed. The large hot water main that supplied half the place, fell with the shed, breaking the connections. The fire was put out by the local fire company before it caused further damage, except to two houses which had one end of each partially destroyed. Oil stoves were placed in the exposed houses by which, owing to the mild weather, they were kept above the freezing point. Repairs were

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in
FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 206

444-446 Milwaukee St., Milwaukee, Wis.

Fancy Ferns

Special Picked. Leave Your
Regular Orders with Us.

Lily of the Valley and Orchids, Lillies, Rubrum Lillies and Callas.
Fancy Roses and Carnations, Pussy Willows and All Seasonable Stock.

FLORISTS' SUPPLIES AND MANUFACTURER OF WIRE DESIGNS.

C. A. KUEHN, Wholesale Florist.
1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Jan. 10. Per 100		
Roses, Beauty, special	30 00	50 00
" " fancy	20 00	30 00
" " extra	15 00	20 00
" " shorter grades	10 00	12 00
" Mrs. Chas. Russell	10 30	30 00
" Prima Donna	10 00	20 00
" Killarney	4 00	15 00
" White Killarney	4 00	15 00
" Liberty	10 00	30 00
" Hadley	15 00	50 00
" Sunburst	8 00	15 00
" Ophelia	8 00	20 00
" Hoosier Beauty	8 00	20 00
Carnations	4 00	8 00
Cattleyas.....each, \$0 60@	75	
Lilium Longiflorum	10 00	12 00
Valley	4 00	6 00
Calendulas	3 00	8 00
Daisies, yellow	2 00	5 00
Violets, single	1 00	4 00
Sweet Peas	1 00	3 00
Freestias	5 00	8 00

PITTSBURGH, Jan. 10. Per 100		
Roses, Beauty, special	50 00	
" " fancy	40 00	
" " extra	25 00	
" " No. 1	15 00	
" Killarney	4 30	10 00
" My Maryland	4 00	10 00
" Sunburst	4 30	10 00
" Mrs. Aaron Ward	4 30	10 00
Cattleyas	75 00	
Lilium Giganteum	12 00	
Carnations	4 00	
Lily of the Valley	6 00	
Snappdragons	5 00	
Paper Whites	3 00	
Violets	75	
Adiantum	1 25	
Stevia	1 50	
Asparagus Sprengeri, per bunch	35@40	

MILWAUKEE, Jan. 10. Per 100		
Roses, Killarney and W. Killarney	4 00	10 00
" Ward	4 00	10 00
" Mrs. Chas. Russell	10 00	25 00
" Ophelia	5 00	12 00
" Hoosier Beauty	5 00	12 00
Lillies.....per doz., 1 50@	2 00	
Cattleyas.....per doz., 6 00@	7 50	
Carnations	2 00	4 00
Rubrum	4 00	
Valley	5 00	6 00
Violets	1 50	
Bouvardia	75	1 00
Stevia	1 50	2 00
Sweet Peas	1 00	2 00

DAVID WELCH

EDWARD J. WELCH

WELCH'S WHOLESALE AND COMMISSION FLORISTS

FLORISTS' SUPPLIES

280 and 282 Devonshire St.,
BOSTON, MASS.

Consignments of Beauties, Lillies of the Valley,
Orchids and all other flowers received daily.

Telephone—Court Hill 2964, 2965.

Philadelphia Wholesale Florists' Exchange

High Grade Roses, Violets, Gardenias and Orchids
and other Seasonable Flowers.

Up-to-the-Minute Service. Satisfaction Guaranteed.

A good opening for a few more growers of cut flowers.

1615 Ranstead St., Philadelphia, Pa.

ST. LOUIS, Jan. 10. Per 100		
" Beauty, Special	5 00	per doz.
" " Fancy	4 00	"
" " Extra	3 00	"
" " No 1	2 00	"
" " No 2	1 50	"
" " Short		8 00
Hadley	4 00	8 00
Killarney	3 00	6 00
Killarney Beauty	4 00	8 00
Richmond	4 00	8 00
Sunburst	3 00	8 00
Ward	2 00	5 00
Mrs. Shawyer	6 00	15 00
Mrs. Russell	6 00	15 00
Ophelia	3 00	8 00
Carnations	1 50	2 50
Valley	4 00	6 00
Lillies		10 00
Orchids	50 00	60 00
Ferns	per 1000	2 00

made at once, and as soon as the new shed is completed all marks of the trouble will have disappeared.

The H. F. Michell Co.'s poultry show Tuesday, Wednesday and Thursday of this week was very full and complete, there being over 1,000 fowls in the various entries. Cups, medals and poultry appliances were offered as prizes. The attendance was more than expected, as many as 1,000 visitors being counted after 6 p. m. on the first two evenings.

The sympathy of the craft goes out to Paul Huebner in the loss of his wife, who died January 4 from an attack of pneumonia. Interment was in Northwood cemetery, Monday, January 8. There were quantities of flowers from his many friends in the trade.

Paul Berkowitz reports the year just past the best ever. One, to see their great stock in the Bayersdorfer warehouses, wonders, in the light of all that has gone out, at the magnitude of the business.

Clarence Watson of the Leo Niessen force reports a very good demand, particularly for medium grade roses. Double Pink bouvardia, lilac, American Beauty roses and gardenias were features here.

S. S. Pennock-Meehan Co.'s plant business is rapidly extending. They are in close connection with the largest growers in the country, and in this way can fill orders in the shortest possible time.

Everybody is pulling for the rose festival. The retail florists' display booths will far excel those at the great national show. So says Mark Mills.

Daffodils, orchid sweet peas and high grade roses were features with the Berger Brothers. Supply and demand kept pace nicely the past week.

Not enough roses to go around is the word with the Philadelphia Wholesale Florists' Exchange. Prospects are good for the immediate future.

Stuart Miller is featuring violets. Easter lilies and carnations. Sweet peas are also a factor.

Edward Reid found roses scarce. Russell roses, French Golden Spur, lily of the valley and Easter lilies were headliners here.

K.

New York.

SUPPLY LIMITED WITH LITTLE DEMAND.

Business was quiet during the past week, and though the supply of stock was rather light, there was enough to supply the demand. Weather conditions were unfavorable to stock, there having been a succession of rainy and foggy days, which had a particularly bad effect on roses. January 6 was clear and much cooler and in the morning there was more life in the market. Special American Beauties have ranged from 40 to 50 cents, wholesale rates. Special stock of the standard varieties of tea roses, with a few exceptions, ranged from 15 to 20 cents; No. 1s, six to eight cents; No. 2s, three to five cents. It was noticeable that the demand for special stock was the lightest. Good carnations have done fairly well. There is a marked increase in the supply of Paper White and the yellow narcissi, and prices have declined. Paper Whites are particularly plentiful. Excellent stock of freesias is on the market, wholesaling at \$4 per 100. Lilies are slow at from eight to 10 cents. There is an increase in the supply of tulips, but all have short stems. There is a plentiful supply of cattleyas, sweet peas and calendulas, but no extraordinary demand. Violets and gardenias are plentiful and are getting into the hands of the street merchants. In good snapdragons, irises and lilac, there is a fair movement at good prices.

OUR MOTTO: The Best the Market Affords.

Valley

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York.

Orders taken now for 1916 Crop
of
German - Swedish - Dutch
Pips.

January 8.—The market opened this morning under fair conditions. Indications point to larger receipts of stock for this week. An increase in the supply of bulbous stock is noteworthy.

NOTES.

Herbert Arenaut, chauffeur on one of the large auto trucks owned by Bobbink & Atkins, of Rutherford, N. J., became involved in an accident January 6, that resulted very seriously. A surface car of the trolley line running from Hoboken to Paterson was going down the hill to Homestead, N. J., when, it is said, Arenaut "turned out from behind another machine and swung squarely in front of the car." There was no time for either the motorman or the chauffeur to do anything. Arenaut was thrown from his seat, the truck was overturned and the gasoline tank exploded, setting fire to the truck. The vestibule of the car was smashed and the brake rendered useless. Beyond control, the car (which was well filled) sped down the hill, left its track and ran on the track of the Erie R. R. for about fifty yards, when it overturned. One man was killed and twenty-one injured, some of them mortally, it is said. Arenaut was locked up. Another version of the accident is, that Arenaut was trying to avoid a collision with another automobile when the car struck his machine. He has been admitted to bail.

At a time when the social season is supposed to be here we have been surprised at the light demand for special or long stemmed roses. This is more noteworthy when it is stated that the supply of such roses is not large. "They all want short roses," is what several wholesalers have recently said of the buyers. Looking about for a reason, it seems to be that fashions in decorative effects are changing, and that the tall vases of long-stemmed roses are being replaced, to some extent, by baskets and various designs of bowls in which short roses serve the purpose. This, coupled with the constant demand for short roses for funeral work, seems to be the solution. In some instances, in this market, during the past week, No. 1 roses sold readily for eight cents, whereas specials, held at 12 to 20 cents, were almost a drug.

Jens Jenson, a noted landscape architect of Chicago, who was engaged by the Women's League for the protection of Riverside Park, located in this city, has made a report. His engagement came about through the proposal of the New York Central railroad to change its tracks and incidentally "beautify" the park. He has made a thorough study of the situation and says that the plan now before the board of estimate "represents only the views of the railroad engineers and would result in a conglomeration of vulgarity, insulting to the finer feelings of America."

J. Ebb Weir & Co., Inc., have a handsome store and conservatory at Fifth avenue and 25th street, Brooklyn; also several houses near by on 25th street, where a great stock of bedding plants is being propagated and brought for-



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ward. They have another large range on Fort Hamilton avenue, doing a large business in the spring and summer in Greenwood cemetery.

Thomas E. Langdon, who for many years conducted a retail store at 198 Flatbush avenue, Brooklyn, died in the Kings county hospital, January 6, aged 70 years. On account of ill health, he retired from business a year ago. He was a native of Brooklyn and was reared in the florist business, his father having been a florist.

We have received an invitation to attend the eighteenth annual dinner of the Tarrytown Horticultural Society, which will be held at the Florence Inn, Tarrytown, on the evening of January 16. Tarrytown is noted for its many good features, not the least being its dinners. We shall strive to be there.

The seventh retail store which Joseph Trepel has opened in Brooklyn is located at Fifth avenue and 51st street, in the Bay Ridge section. Like all his other stores, it is finely fitted up and is doing a good business. Edward Solomon, formerly in the Lewis avenue store, is manager.

Miss Adelaide Krombach now conducts the retail business at Fourth avenue and 25th street, Brooklyn, established 35 years ago by her father, the late Charles Krombach. She reports

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extra and fancy	30 00@40 00	
No 1 and No 2	15 00@25 00	
Prima Donna	4 00@20 00	
Alice Stanley	5 00@18 00	
Francis Scott Key	6 00@35 00	
Mrs Geo. Sawyer	4 00@15 00	
Double White Killarney	5 00@12 00	
Killarney, Special	12 00	
No 1 and No 2	4 00@6 00	
Queen	4 00@15 00	
Brilliant	4 00@15 00	
Aaron Ward	6 00@15 00	
Richmond	4 00@12 00	
Sunburst	4 00@15 00	
J L Mock	5 00@20 00	
Ophelia	4 00@15 00	
Mrs. Chas. Russell	5 00@20 00	
Cleveland	5 00@15 00	
Hadley	6 00@40 00	
Hoosier Beauty	4 00@15 00	
Cattleya Orchids, special	each, 75	
inferior grades	35 00@50 00	
Bouvardia	3 00@6 00	
Rubrum	6 00@8 00	
Lilies, Longiflorum and Harrisii	10 00@12 00	
Lily of the Valley	4 00@6 00	
Carnations	4 00@6 00	
Mingonnette	per doz. 75@1 00	
White Lilac	per bunch 1 50	
Gardenias	per doz. 1 00@4 00	
Sweet Peas	75@1 00	
Sweet Peas, Spencers	2 00@2 50	
Snapdragons	8 00@10 00	
Violets	40@75	
Yellow Narcissus	4 00@6 00	
Paper White Narcissus	00@2 50	
Adiantum Croweatum and		
Hybridum	75@1 00	
Asparagus Plumosus	doz. bchs. 2 50@3 00	
Smilax	doz. strings, 75@1 00	
Freesias	4 00	
Iris	per doz. 4 00	

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Will fill orders for the West on short notice
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Every order receives prompt and careful attention

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Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

VAN METER FLOWER SHOP

SPRING and HIGH, Springfield, O.

BEST FLOWERS for EVERY OCCASION.

Mention the American Florist when writing

Williamsport, Pa.

EVEN DEN BROS. CO.

Largest Growers in Central Pa.

Members of Florists' Telegraph Delivery.

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HENRY R. COMLEY, Florist, 6 Park St.

50 years experience in the florist business guarantees efficiency to take care of all orders. 20 per cent allowed.

Mention the American Florist when writing

John C. Hatcher

Flower Shops: 50 E. Main St., Amsterdam, N. Y.
N. Y. C. Arcade, State St., Amsterdam, N. Y.
Greenhouses: Hatcher's Station, Hoffmans, N. Y.

Mention the American Florist when writing

FREY & FREY,

1338 O Street, LINCOLN, NEB.
WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

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El Paso, Texas.

Potter Floral Co.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Boston, Mass.



"Penn, The Telegraph Florist"

Member of Florists' Telegraph
Delivery Ass'n.

124 TREMONT STREET

Chicago

Detroit

CENTRAL FLORAL CO.

132 North State Street, CHICAGO, ILL.
35 Broadway, DETROIT, MICH.

Special attention given to telegraph and mail orders for delivery in either city and adjoining territory. Both of our stores are located in the heart of each city, which means quick and efficient service to theatres, hotels, depots, etc. Our Chicago store is located opposite Marshall Field & Co.'s retail establishment and one block from the Great Central Cut Flower Market.

GEORGE RYE

"Some Florist"

The Plaza, Ft. Smith, Ark

DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis

Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

TERRE HAUTE, IND.

THINK OF HEINL'S

Mention the American Florist when writing

Rockford, Ill.

H. W. BUCKBEE.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

St. Louis, Mo.

WIRE

Grimm & Gorly

Mention the American Florist when writing

Augusta, Me.

F. A. ROBBINS, Florist

122 WINTHROP STREET

We deliver in Maine and all New England points.

Mention the American Florist when writing

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member of Florists' Telegraph Delivery.

Cleveland, O.

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery.

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Cincinnati, O.

HARDESTY & CO.

150 East Fourth Street

THE BEST THAT GROWS.

EXPERTS TO ARRANGE THEM.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street

Anderson service means fresh, sturdy stock and prompt deliveries in Buffalo, Lockport Niagara Falls and Western New York
Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Mention the American Florist when writing

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

PROVIDENCE, R.I.

and all T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WETBOSSET ST., PROVIDENCE

Mention the American Florist when writing

The Seed Trade

American Seed Trade Association.

Kirby B. White, Detroit, Mich., President; F. W. Bolgiano, Washington, D. C., First Vice-President; L. L. Olds, Madison, Wis., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fifth annual convention, June, 1917.

Seed Disclaimer Resolution.

The following resolution was unanimously adopted at the annual convention of the American Seed Trade Association, held at Chicago, June 20-22, 1916:

Resolved, That this association is opposed to any legislation affecting the germination of seeds, nullifying the disclaimer, or interfering with interstate commerce.

J. B. AGNEW, Visalia, Calif., left Chicago for the east January 7.

JOHN C. BODGER, of John Bodger & Sons Co., Los Angeles, Calif., is making an eastern trip.

J. C. VAUGHAN, Chicago, senior director of the Bowmanville National Bank, was re-elected January 9.

L. W. WHEELER and wife of the Pieters-Wheeler Seed Co., Gilroy, Calif., left Chicago for the coast January 7.

PHILADELPHIA, PA.—The Henry F. Michell Co.'s wholesale price list for 1917 omits prices on sweet corn and garden beans.

CHICAGO.—Prices for grass seed on the Board of Trade January 10, were as follows: Timothy, \$4.00 to \$5.50 per 100 pounds.

NEW YORK.—J. B. Deamud, of Vaughan's Seed Store, will celebrate the fifty-first anniversary of his birthday, January 12.

THE blockade restriction promulgated October 6, preventing the importation of grass seeds into Norway, has been cancelled.

VISITED CHICAGO: A. J. Brown, of the A. J. Brown Seed Co., Grand Rapids, Mich., and wife; W. B. Currie, of Currie Bros. Co., Milwaukee, Wis.

GRAND RAPIDS, MICH.—T. Herschel Brown and wife left this week for the south, where they will visit New Orleans, Galveston and other points.

ARNOLD RINGIER, of the W. W. Barnard Co., Chicago, and wife celebrated the twentieth anniversary of their wedding day, January 7, enroute to the Golden Gate.

THE reports on bean deliveries are that they are running much less everywhere than anticipated and there is some surprise and disappointment in store for those who have been figuring on a fair supply.

WHEN in need of stock or supplies of any kind in a hurry it will be a great advantage to have a copy of the latest edition of our Trade Directory at hand for names and addresses. The price of the latest (1916) edition is \$3 per copy, postpaid.

Chinese Narcissus Exports.

Amoy, China.—The value of narcissus bulbs invoiced at the American consulate at Amoy for the United States increased from \$8,489 for the first nine months of 1915 to \$14,620 for the same period in 1916.

BURPEE'S general spring catalogue has been increased from 182 to 204 pages and the cover is said to be one of the finest examples of offset work yet produced. Some 30 of the firm's varieties of flowers and vegetables are illustrated in color.

Lily of the Valley Pips.

A communication from the state department at Washington, December 22, is to the effect that a cablegram has just been received from the American minister at Copenhagen stating that he is informed that the crop of lily of the valley pips in Denmark is this year only one-fifth to one-tenth of the normal crop, and, that, therefore, to fill existing orders, German pips will have to be used. The minister indicates that this accounts for the attitude of the British authorities and that Hjalmar Hartmann & Co. are unwilling to make shipments unless positive assurances of non-interference are given by the British authorities. The minister states that Hartmann has 1,000,000 Danish grown and 5,000,000 German grown pips. In view of this information the department is instructing the American ambassador at London by cablegram to endeavor to obtain assurances of non-interference with at least the 1,000,000 pips which the department is informed are of Danish origin.

Catalogues Received.

W. Atlee Burpee & Co., Philadelphia, Pa., wholesale and retail seed lists; Arthur Cowee, Berlin, N. Y., gladiolus; California Nursery Co., Inc., Niles, Calif., nursery stock; W. K. LaBar & Son, East Stroudsburg, Pa., rhododendrons, etc.; Carter's Tested Seeds, Inc., Boston, Mass., seeds; George L. Stillman, Westerly, R. I., dahlias; C. C. Morse & Co., San Francisco, Calif., "Field Notes on Sweet Peas;" Livingston Seed Co., Columbus, O., seeds.

Dobbie & Co., Edinburgh, Scotland, seeds and plants.

Free Seeds.

The appropriation of \$243,000 by the House for free garden seeds will not add so noticeably to the size of the crops in 1917 as to reduce the cost of living. That was not the purpose in passing it.—New York World.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Mention the American Florist when writing

Government Seed Contracts.

In the government seed bids opened at Washington, D. C., January 9, the following were among the firms represented:

Aggeler & Musser Seed Co., Los Angeles.
Barteldes Seed Co., Lawrence, Kans.
John Bodger & Sons Co., Los Angeles, Calif.
Jos. Breck & Sons Corporation, Boston, Mass.
California Seed Growers' Assn., San Jose.
Everett B. Clark Seed Co., Milford, Conn.
M. H. Coon, Rocky Ford, Colo.
C. Herbert Coy Seed Co., Valley, Neb.
C. P. Coy & Son, Waterloo, Neb.
R. & J. Ervin, Tuscola, Ill.
Everett Seed Co., Atlanta, Ga.
J. E. Ganger, Swink, Colo.
Harris Bros., Bussey, Ia.
Hartwell-Wagoner Co., Rocky Ford, Colo.
Walter Hines.
Germain Seed & Plant Co., Los Angeles.
Johansen Seed Co., Los Angeles, Calif.
Jones Bros., Summerville, Ga.
R. J. Jones.
Kimberlin Seed Co., Santa Clara, Calif.
James L. Mauldin, Cairo, Ga.
Edward O. Morris.
Norton H. Morrison, Fairfield, Wash.
George R. Pedrick & Son, Pedricktown, N. J.
King-Pharr Co., Catharine, Ala.
L. C. Pharr, Catharine, Ala.
Pieters-Wheeler Seed Co., Gilroy, Calif.
Philip J. Reifel, Rocky Ford, Colo.
J. C. Robinson Seed Co., Waterloo, Neb.
Waldo Rohnert, Gilroy, Calif.
Routzahn Seed Co., Arroyo Grande, Calif.
J. A. Shaulis, Rocky Ford, Colo.
Sioux City Seed & Nurs. Co., Sioux City, Ia.
Standard Seed Co., Hickory, N. C.
O. W. West.
S. D. Woodruff & Sons, Orange, Conn.
H. Vanbuskirk Seed Co., Rocky Ford, Colo.

The range of prices bid is shown in the figures herewith:

Bean	.....	\$4.45—\$10.00	per bushel
Beet	.....	.20—	.35 per pound
Cabbage	.....	.70—	1.00 " "
Carrot	.....	.29—	.40 " "
Corn	.....	2.38—	10.00 per bushel
Cucumber	.....	.20—	.30 per pound
Kale	.....	.18—	.30 " "
Lettuce	.....	.17—	.30 " "
Muskmelon	.....	.14—	.25 " "
Okra	.....	.20—	.50 " "
Onion	.....	.70—	1.25 " "
Parsley	.....	.13—	.20 " "
Parsnip	.....	.13—	.20 " "
Peas	.....	4.50—	7.00 per bushel
Radish	.....	.15—	.22 per pound
Squash	.....	.20—	.30 " "
Tomato	.....	.60—	1.00 " "
Turnip	.....	.16—	.22 " "
Asters	.....	2.90—	3.50 " "
Alyssum	.....	1.60—	2.00 " "
Candytuft	.....	.40—	1.00 " "
Cosmos	.....	.50—	1.10 " "
Dianthus	.....	.80—	1.00 " "
Mignonette	.....	.85—	1.25 " "
Nasturtium	.....	.25—	.40 " "
Petunia	.....	2.00—	" "
Poppy	.....	.50—	1.00 " "
Sweet Peas	.....	.20—	.40 " "
Zinnia	.....	1.00—	3.00 " "

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids,

Mich.

Mention the American Florist when writing

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Grower for the Wholesale Trade Only. ONION, LETTUCE, CARROT, PARSNIP, PARSLEY, CELERY, ENDIVE, SALADY, NAMED AND MIXED GRANDIFLORA AND SPENCER SWEET PEAS, AND SUNFLOWER.

Flower Seeds

These are very late in arriving this year but we have had some large consignments already, giving us a fairly complete assortment of all the varieties we carry. On account of the late arrivals we have not yet been able to go to press with our "Green List" but are in position to quote.

Vaughan's Seed Store
NEW YORK - CHICAGO

Dwarf Gladiolus

	Per 1000
Cardinalis Blushing Bride.....	\$5.00
" " Crimson Queen.....	4.50
" " Queen Wilhelmina...	5.00
" " Mixed.....	3.00
Colvillei Rubra.....	4.00
" Alba "The Bride".....	5.00
" Rosea.....	4.50
Ramosus Ne Plus Ultra	6.00

Lilium Longiflorum Giganteum

(BLACK STEM.) Per 1000

7 to 9 in	\$30.00
All 8 in., selected.....	35.00

Selected strains of Ageratum, Alyssum, Aster, Begonia Erfordii, Calendula Meteor, Prince of Orange, Candytuft, Celosia, Centaurea, Cobaea Scandens, Cosmos, Lobelia, Gypsophila, Petunia and Verbena. Special prices on the above on application.

J. M. THORBURN & CO.
53 Barclay Street, through to 54 Park Place
NEW YORK CITY.

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.

Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1917 crop.

Sioux City Seed & Nursery Co.
Established 1883.

S. M. Isbell & Co.

JACKSON, MICH.

Contract Seed Growers

Beans, Cucumbers, Muskmelon,
Watermelon, Squash, Sweet Corn.

Michigan-grown Radish our Specialty.

Correspondence Solicited.

Asparagus Plumosus Nanus

Greenhouse Grown Seed

1,000 Seeds, \$3.50 10,000 Seeds, \$32.50

Californian Grown Seed

1,000 Seeds, \$2.50 10,000 Seeds, \$22.50

5 per cent discount, Cash with order.

ARTHUR T. BODDINGTON CO., Inc.
128 Chambers Street, NEW YORK.

BEANS, PEAS, RADISH

AND ALL GARDEN SEEDS

Booking contract orders now for future delivery. Write for prices.

LEONARD SEED CO.

GROWERS FOR THE TRADE

226-230 W. Kinzie St., Telephone Main 2762. CHICAGO

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, - NEBRASKA

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip,
Radish, Beet, Etc.

Branches: Michigan, MILFORD, CONN.
Wisconsin and Idaho.

Contract Seed Growers

Specialties: Pepper, Egg plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

JAP LILY BULBS

AT IMPORT PRICES.

GIGANTEUM, 7-9, 8-10, 9-10, 10-11.

MULTIFLORUM, 7-9, -10.

AURATUM, 7-9, 9-11.

ALBUM, 9-11.

RUBRUM, 7-9, 8-10, 9-11.

MELPOMENE, 9-11.

Giganteum, 7-9, 8-10 and 9-10 also offered
f. o. b. Chicago and London. Ont.

Write for prices and details, stating quantity
desired.

**McHUTCHISON & CO., THE IMPORT
HOUSE.**
95 Chambers St., NEW YORK.

Mention the American Florist when writing

BARNARD'S
Seed Store
231-235 W. Madison St.
CHICAGO.

Dreer's Double Petunias

Our Usual Celebrated Strain.

15 varieties, 3 inch pots.

75c per dozen; \$6.00 per 100; the set of 15 sorts, \$1.00.

Seeds of Our Own Saving.

Superb Double Fringed, 75c per 500 seeds;
\$1.50 per 1000 seeds.

Superb Single Fringed, 50c per trade packet.

Henry A. Dreer

714-716 Chestnut St., Philadelphia, Pa.

The above prices are intended for the trade only.



Dreer's Double Fringed Petunia.

Before Placing Orders for
SWEET PEAS, Spencers, Grandi-
floras, etc., ASTERS and FLOWER
SEEDS in general; TOMATO,
LIMA and POLE BEANS, write
JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA

THE KIMBERLIN SEED CO.
WHOLESALE SEED GROWERS
SANTA CLARA, CAL.

Growers of
ONION, LETTUCE, RADISH, ETC.
Correspondence Solicited.

BURPEE'S SEEDS

Philadelphia
Wholesale Price List for Florists
and Market Gardeners.

Waldo Rohnert

GILROY, CAL.

WHOLESALE SEED GROWER.

Specialties: Lettuce, Onion, Sweet Peas, Asters,
Cosmos, Mignonette, Verbenas in variety.
Correspondence Solicited.

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cab-
bages, Celeries, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.

GARDEN SEED

Beet, Sweet Corn, Garden Beans, Onion Sets,
and Seed Potatoes in variety. Also other items
of the short crop of this past season, as well
as a full line of Garden Seeds, will be quoted
you upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK
and ORANGE, CONN.

Kelways RENOWNED Seeds

One Quality Throughout
THE BEST

Medal of Honor Panama Exhibition, 1915. LATEST AWARD—Royal Horticultural
Society's GOLD MEDAL, 1916. If not already in your hands, WRITE NOW for our new
1917 Catalogues of Garden, Farm and Flower Seeds, containing many NOVELTIES
of STERLING MERIT which should be catalogued by every enterprising SEEDSMAN.
REAL INDEPENDENT PRICES.

Catalogues and SPECIAL FORWARD PRICES sent free to genuine SEED DEALERS.

KELWAY & SON, Wholesale Seed Growers. Langport, Eng.

Mention the American Florist when writing

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

Mention the American Florist when writing

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds Baltimore, Md.

Mention the American Florist when writing

My New PRICE LIST of

Winter Orchid-Flowering Sweet Pea Seed

Has been mailed. If you have not received a
copy, send Postal for it.
Part of new crop is ready now.

Ant. C. Zvolanek, Lompoc, Calif.

Mention the American Florist when writing

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing

CONTRACT GROWER of

Cucumber and Muskmelon Seed

I offer Pure Stock, Personal Service Intimate
Knowledge of Stocks and Local Conditions.

Good Deliveries and Moderate Prices.

R. H. JAMES, Rocky Ford, Colo.

Mention the American Florist when writing

Fancy Caladium Bulbs

20,000 fine well developed bulbs in 40
named leading sorts at \$10.00 per 100

Delivery January, February.

Tampa Floral Co., TAMPA, FLA.
ANTON FIEHE, Prop.

Mention the American Florist when writing

All Florists' Stock in Season.

TUBEROSES—True Dwarf Pearl



Spiraea (Clumps)

These are the very best sorts grown.

	Per 100
America, Lilac Rose.....	\$11.00
Avalanche, White.....	12.00
Gladstone, White.....	10.00
Queen Alex., Pink.....	11.00

Lily of the Valley

Pips, Hamburg, Holland Grown....	Per 1000 \$20.00
This stock proved very satisfactory last season.	
Clumps, per 100.....	\$20.00

Lilium Giganteum

	NEW CROP	Per 1000
6 to 8-inch (400 to case).....		\$30.00
7 to 9-inch (300 to case).....		45.00
8 to 9-inch (250 to case).....		65.00
9 to 10-inch (200 to case).....		88.00

Carload lots of bulbs are in warehouse, frost free, and ready for shipping.

First Size, 4-6 inches.....	Per 1000 \$9.00
Medium Size, 3-4 inches.....	Per 1000 5.00

GLADIOLUS

Double your returns by planting between the carnations as a catch crop. Grown by us. Per 1000

Mrs. Francis King, 1st Size.....	\$12.00
Augusta, 1st Size.....	13.00
America, 1st Size.....	15.00
Chicago White, First Early.....	18.00
Florist XXX Mixed, 1st Size.....	16.00

We can also supply "Medium Size" bulbs of the above varieties.

Ask for Gladiolus Price List.

Hardy Lilies

Just arrived in fine order.

Lilium Auratum (160 to case).....	Per 100 \$5.50	Per 1000 \$48.00
Lilium Auratum, 9-11 in. (100 to case).....	8.00	75.00
Lilium Rubrum, 8-9 in. (160 to case).....	5.50	50.00
Lilium Rubrum, 9-11 in. (100 to case).....	9.00	85.00
Lilium Album, 9-11 in. (100 to case).....	12.00	100.00

Lilium Formosum

6 to 8-inch, (350 to case) regular strain.....	Per 1000 \$35.00
6 to 8-inch (350 to case) true black stem variety.....	40.00

Gladiolus Colvillei

The Bride. Price reduced to.....	Per 1000 \$5.00
----------------------------------	-----------------

Spanish Iris

Named varieties, 4 separate colors.....	Per 1000 \$6.00
---	-----------------



The Dwarf Pearl Tuberose.

"JOSS" LILIES, Chinese Narcissus, per mat, (120 bulbs), \$3.00 at Chicago. In New York, \$3.50.

CHICAGO

VAUGHAN'S SEED STORE,

NEW YORK

Grass Mixtures

— FOR —

Golf-Tennis-Polo

MEET ALL REQUIREMENTS FOR ALL SOILS

The Albert Dickinson Co.,
CHICAGO, ILL.

THE

J.C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash, and Pumpkin seed; Sugar, Flint and Field Seed Corns.

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety on contract.

EDGAR F. HURFF,

Correspondence Solicited. SWEDESBO, N. J.

American Bulb Co.

A. Miller, President.

WHOLESALE DEALERS IN

Bulbs, Seeds, Supplies, Etc.

178 N. Wabash Ave., Chicago, Ill.

The L. D Waller Seed Co.

Gaudalupe, California

Wholesale Growers of

FLOWER SEEDS, SWEET PEAS AND NASTURTIUMS

Correspondence Solicited.

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomdale Farm.

Bristol, Pa.

Mention the American Florist when writing.

Lilium Giganteum

7-9 in. and 9-10 in., for immediate delivery. Write for Prices.

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

James Vick's Sons

ROCHESTER, N. Y.

Seedsman, Nurserymen, Florists

SEEDS
PLANTS
BULBS

All the leading kinds for spring and summer planting.

Ask for Florist's Catalogues.

Market Gardeners

Vegetable Growers' Association of America.

H. W. Selby, Philadelphia, Pa., President;
H. F. Thompson, Arlington, Mass., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; Eugene Davis, Grand Rapids,
Mich., Treasurer.

Next annual convention will be held at
Springfield, Mass., in 1917.

Potato Crop Summary

The monthly crop report for December of the United States department of agriculture summarizes the 1916 potato crop as follows: Acreage, 3,550,000 as compared with 3,734,000 acres in 1915, the average yield per acre being 80.4 and the total yield 285,437,000 bushels as against an average of 96.3 bushels per acre and a total yield of 359,721,000 in 1915. The farm value December 1, 1916, per unit was \$1.461, with a total of \$417,063,000 as compared with the 1915 figures of \$0.617 unit and \$221,992,000 total.

Prices of Indoor Fruits and Vegetables.

Chicago, Jan. 9.—Mushrooms, home grown, 40 to 60 cents per pound; lettuce, small cases, 25 to 30 cents; radishes, 75 to 80 cents, dozen bunches; celery, 85 cents to \$1.35, open crate; tomatoes, 10-lb. baskets, \$1.00 to \$2.00; cucumbers, per 2 dozen box, \$1.75 to \$2.75.

New York, Jan. 9.—Celery, per crate, \$2.00 to \$4.50; cucumbers, 60 cents to \$1.50 per dozen; mushrooms, 75 cents to \$1.75 per 4-lb. basket; tomatoes, per lb., 10 to 30 cents; radishes, per 100 bunches, \$2.50 to \$4.00; lettuce, per strap, 25 cents to \$1.00.

Potato Prices at New York.

Potato prices at New York January 6, were as follows: Bermuda, No. 1, bbl., \$7.00 to \$7.25; No. 2, bbl., \$5.00 to \$5.50; No. 3, bbl., \$3.50 to \$4.00; Long Island, bbl. or bag, \$5.75 to \$6.25, per 180 lbs., \$6.00 to \$6.50; Maine, per 165 lbs., \$5.50 to \$5.75; Maine, in bulk, 185 lb. bag, \$6.00 to \$6.25; Canadian, 165 lb. bag, \$5.00 to \$5.50; Canadian, 180 lb. bag, \$5.00 to \$6.00; state, per 180 lbs., \$5.25 to \$5.75; Virginia late crop, per bbl., \$4.50 to \$5.25; 165 lb. bag, \$4.75 to \$5.00; Virginia, late crop, per bbl., \$4.50 to \$5.50; frozen, \$2.00 to \$4.00; Sweets, southern, per bbl., — to —; per basket, 90 cents to \$1.50; Jersey, No. 1, per basket, \$1.60 to \$1.90; No. 2, per basket, \$1.00 to \$1.25; Yams, southern, per bbl., \$2.00 to \$2.50.

Canadian Growers Plan Increased Acreage

Growers of all kinds of crops in the vicinity of Ruthivan, Ont., are quite busy at the present time, taking advantage of the few warm days and are dumping fertilizer on the large market garden fields by the ton. All indications point to the planting of a much larger acreage of early tomatoes than last year, and the growers in that section are well posted on both early and late varieties, their product always commanding fancy prices. The coming spring will also see many acres devoted to early beans which are now always in demand. Several greenhouses will soon be in shape for the sowing of tobacco seed. The Warne leaf, which has for the past few years

been in good demand by the buyers, will be grown on a large scale. Celery has been shipped from the Strathroy, Ont., territory to New Orleans, La., competing with the Kalamazoo product.
J. E. K.

Detroit.

SUPPLY AND DEMAND BALANCE.

A pretty evenly balanced supply and demand were characteristic of the trade the past week. Business was very good and a fair quantity of roses were easily disposed of. Violets were in good supply and no surplus noted. Carnations, the supply of which is daily increasing, all sold readily, as did the cut of Easter lilies. Paper Whites were somewhat in excess of the demand, but good prices were realized on all sold. Fine freesias are now coming into the market, but meet with sluggish movement with the dealers. Flowering plants are scarce since the holidays, there being only a meager supply of azaleas of indifferent quality on hand to partially meet this demand. Some bulbous stock, however, is promised for next week, and a ready sale of all available is expected.

NOTES.

A meeting of a dozen growers was held January 3 to discuss the real and fancied evils associated with the growing and sale of greenhouse stock. The meeting was representative of the more prominent and extensive establishments and the proceedings enlivened by vigorous remarks which resulted in the determination to organize a growers' association here, and to this end Sydney Beard was appointed to call a full meeting of all the growers in this city and vicinity for Wednesday evening, January 10, to effect a permanent organization.

A. J. Stahelin, who has been on the sick list, is up and about again. Robt. Rahaley, Frank Danzer and Ernest Sullivan are now at home suffering with bad colds.

J. F. Sullivan announces that he will move to his new store, 268 Woodward avenue, September 1 next.

Visitors: Samuel Seligman, Chicago; Julius Dilloff, New York. J. F. S.

Albany, N. Y.

CLUB MEETING AND DINNER.

Forty-nine members and guests of the florists' club were present at the January meeting of the organization, making it one of the largest in some time. The business session was brief. A committee of two members was appointed by the retiring president, Thomas F. Tracey, to escort the new president, Charles Sanders, to the chair. After a few remarks by President Sanders in the way of thanks, the routine business was transacted in 15 minutes semble around the dining tables in and all left the meeting room to as-Keeler's grill room, State street. Fred-

erick Goldring was toastmaster until the hour approached for him to catch a bus for the suburbs, after which Thomas F. Tracey filled the role. The responses included interesting remarks on trade conditions by Walter Cook, with Stumpp & Walter of New York; James J. Cairns, of Henry A. Dreer, Inc., Philadelphia; Thomas F. Tracey on certain aspects of the wholesaler's business; Fred A. Danker, Edward P. Tracey, James T. Barrett, James H. Snyder, a violet grower of Rhinebeck; Frederick Henkes, Joseph Traudt, of Canajoharie; Earl Shaw, superintendent for George C. Hawley of this city, and others. The remarks of the two traveling men, Messrs. Cook and Cairns, were instructive to an unusual degree and showed a remarkable talent for observation. Both laid emphasis upon the thought that specialization in the trade is becoming more and more pronouncedly the sign of the successful grower or retailer. Men who formerly grew both plants and cut flowers are dropping either the one or the other and concentrating energies upon the thing they select. Those in the retail end of the business, mentioned increasing expenses and costs of supplies which must force an advance in prices if the dealer is to remain in business. On behalf of the members, Louis H. Schaefer, chairman of the entertainment committee, presented to retiring President Tracey a fine black morocco traveling case, which contained a large variety of articles that a man often needs on a trip. The case was passed around for examination and was approved by all. The club has at the beginning of the new year 69 members in good standing, a net gain of eight during 1916.

Through the holidays the chief demand in the plant line was for poinsettias, which sold well. Next in order came Scotch heather, ardisias, aurasias, dracaenas, primroses, cyclamens, palms and ferns. In cut flowers the demand was for roses, violets and carnations. Roses brought from \$3 to \$6 a dozen; American Beauties from \$10 to \$24 a dozen; carnations, \$1.50 a dozen, with red ones as high as \$3 a dozen. There was a good demand for greens and stocks of all kinds were well cleaned up.
R. D.

JOLIET, ILL.—Smith Bros. have discontinued their down-town store on Ottawa street this week.—Heaton Nichols has recovered his auto which was stolen recently and the thieves proved to be two former employees of his.

Mushroom Growing

By B. M. Duggar.

Presenting accurately the requirements for success.

260 pages, cloth, fully illustrated, Price, \$1.50.

American Florist Company
440 S. Dearborn Street, Chicago

TO THE TRADE.

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE, FLOWER and FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohlrabi, Leek, Lettuce, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, Pansies, Phloxes, Primulas, Scabiosa Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GREAT PANSIES—(mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ⅓ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

To Grow on for
EASTER

CLIMBING ROSES

Field-Grown
Extra Strong

We offer the following list of EXTRA STRONG FIELD-GROWN stock that will make FINE PLANTS FOR EASTER if started cool.

3 YEAR OLD.

Excelsa—"Red Dorothy Perkins."
Delight—Bright carmine flowers; base of petals, white.
Dorothy Perkins—Beautiful shell-pink.
Flower of Fairfield—Everblooming Crimson Rambler.
Hiawatha—Single crimson, lighter center.
Lady Gay—Beautiful cherry pink.

Price: Doz., \$3.00; 100, \$22.00; 1000, \$200.00

2 YEAR OLD.

Crimson Rambler.
Dorothy Perkins.
Excelsa.
Flower of Fairfield.
White Dorothy Perkins.
Baby Ramblers.

Price: Doz., \$2.00; 100, \$15.00; 1000, \$140.00

DORMANT 2-YEAR OLD ROSES.

	Doz.	100
Anna de Diesbach	\$2.00	\$15.00
Baby Rambler	2.00	16.00
Baroness Rothschild	2.25	16.00
Betty	2.50	18.00
Captain Christy	2.50	18.00
Caroline Testout	2.50	18.00
Conrad F. Meyer	2.25	16.00
Frau Karl Druschki	2.50	18.00
George Arends	2.50	18.00
General Jacqueminot	2.00	15.00
General McArthur	2.50	18.00

	Doz.	100
Gruss an Teplitz	\$2.25	\$16.00
Jonkheer J. L. Mock	2.50	18.00
J. B. Clark	2.25	16.00
Mabel Morrison	2.00	15.00
Mme. Abel Chatenay	2.50	18.00
Magna Charta	2.00	15.00
Mrs. John Laing	2.00	15.00
Orleans	2.50	18.00
Paul Neyron	2.00	15.00
Persian Yellow	2.25	16.00
Prince C. De Rohan	2.00	15.00

 **FRENCH MANETTI STOCKS, PER 1000, \$16.00.**

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VAUGHAN'S SEED STORE

NEW YORK

Chrysanthemums

PRELIMINARY LIST OF
Novelties and
Standard Varieties

Now Ready. Ask for a Copy.

Elmer D. Smith & Co.

ADRIAN, MICH.

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

If You are interested in Mid-Winter

Blooming Plants

—or anything in—

Soft Wooded Plants

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Geo. A. Kuhl, Wholesale Grower,
PERKIN, ILL.

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If you want **Orchids** for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but **Orchids**. Special lists on application.

LAGER & HURRELL, Summit, N. J.

Mention the American Florist when writing

Nephrolepis Verona

Best of all crested ferns, rapid grower; it's splendid fronds stand up well; each show individually; does not rot in center.

BUY FROM THE ORIGINATORS.

	Per 100	Per 1000	Per 100	Per 1000
2-inch	\$8.00	\$72.00	3-inch	\$12.00
				\$90.00

BAMBOO

Best decorative plant that grows; strong bushy stock.

7-inch pots	\$1.50 each	12-inch tubs	\$6.00 each
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P. S. Randolph & Sons

Wholesale Florists and Plant Specialists

R. D. VERONA, - PA.

FORCING STOCK

ROSES, field-grown, selected forcing grade. Climbers, \$15.00 per 100

Excelsa (Red Dorothy Perkins) **Lady Gay** **Dorothy Perkins**
Climbing American Beauty American Pillar

HYBRID PERPETUALS, ASSORTED, \$14.00 per 100.

HYDRANGEAS, 3½-inch pots, \$6.00 per 100

Single stem plants, set with good, plump flower buds.

La Lorraine. Large flowers, pale rose, turning to bright pink.

Mme. Maurice Hamar. Large delicate flesh-rose color.

Mme. Emil Mouilliere. Pure white. with rosy carmine eye; very large; the best white.

Otaksa. The old standby for pink. More easily forced than some of the newer sorts.
Radiant. Clear, bright pink; an exceptionally handsome shade.

2½-inch pots, \$4.00 per 100.

Otaksa **Mme. Emil Mouilliere**
Mme. Maurice Hamar

We offer a complete assortment of **Roses, Shrubs, Vines and Perennials** for Spring, out-of-door planting. Send for current list.

JACKSON & PERKINS CO., NEWARK, NEW YORK

The Nursery Trade

American Association of Nurserymen.

John Watson, Newark, N. Y., President;
Lloyd C. Stark, Louisiana, Mo., Vice-President;
Curtis Nye Smith, 19 Congress Street,
Boston, Mass., Secretary and Counsel.
Forty-second annual convention will be
held at Philadelphia, Pa., June 27-29, 1917.

NASHUA, N. H.—Robertson Kirkpatrick, well known in this vicinity as a landscape gardener and nurseryman, died here December 20, aged 55 years.

UNDER title of "Growing Cherries East of the Rocky Mountains" the United States department of agriculture has issued Farmers' Bulletin 776 containing information as to sites for orchards, propagating, selection of suitable trees, season for planting, control of diseases, insects, etc.

BULLETIN No. 435 of the United States department of agriculture issued November, 1916, treats of the feeding habits and character of injury of the apple leaf-sewer, sometimes termed the apple leaf-folder, together with methods of control. This bulletin should prove of value to apple growers in the north and central Atlantic states, the middle west and portions of Canada.

Nursery Imports in Danger.

In the agricultural appropriations bill now before congress we understand there is a rider attached, which, if passed, would give the federal horticultural board of Washington arbitrary and autocratic control over the business of nurserymen and florists who ship plants or trees. It would give the board the power to establish a quarantine on suspicion—without calling for a hearing as required by the federal nursery stock law now in force. The matter is now in charge of a committee, of which Congressman John J. Fitzgerald of Brooklyn, N. Y., is chairman and measures have been taken which it is hoped will induce this committee to allow the nurserymen and florists to express their views on a subject that is of such vital importance to them before such a drastic amendment is adopted.

It is not generally known that the Association of State Inspectors recently advised the federal horticultural board to establish a quarantine that would shut out imports of bays, azaleas, palms, rhododendrons, evergreens and all balled plants from every source, or that the American Forestry Association is seeking a quarantine that would shut out shipments of all kinds of nursery and florists' stock from every source, and a conference will be held in Washington, D. C., January 18-19 to promote this scheme. The significance of the rider above mentioned will therefore be noted.

Nurserymen, florists, and others interested in the importation of nursery stock and other plants, will do well to write their representatives in congress at Washington, D. C., giving their views in this matter and clearly stating their objections to the proposed legislation. This should be done without delay.

Pasadena Tournament of Roses.

The streets of Pasadena, Calif., were thronged with people to view what was no doubt the greatest and most gorgeous of floral pageants, showing the best offerings of the southern California gardens. The decorators are getting their color schemes down to a science, for never before was there so much real art displayed, never have there been such lovely flowers used. There were never so many real roses used. Much ingenuity was displayed in making the different floats. Civic bodies, fraternal organizations, hotels, schools, business houses and individuals vied with one another in presenting the wonderful creations. It was claimed that the parade was viewed by 100,000 people. G. H. H.

Nashville, Tenn.

SPLENDID SUPPLY AND GOOD SALES.

The weather continues good and has given a splendid supply of the best of flowers and everything is coming on in splendid shape with trade excellent. Roses were never better or more abundant. There are plenty of violets and lily of the valley is not scarce. Carnations are excellent and popular with the buyers. Many good plants are to be seen and the call for them continues unabated.

NOTES.

Charles Tritchler has been gradually building up an excellent business, and while he has not yet an up-town store, does a very good trade, destined to grow. He is a practical florist as was his father before him. In the last year he has purchased two acres near one of the city's carlines, and has a nice range of houses built thereon.

Geny Bros. have been kept busy with their trade, which has been very good, not alone with funeral work, but with weddings, and the many social functions which create a large daily demand. They still have fine azaleas, cyclamens and all kinds of bulbous stock.

The Joy Floral Company had a busy week with funeral work and several good wedding orders. They have an abundance of flowers—all kinds of roses, carnations, violets, orchids, valley, sweet peas, etc. M. C. D.

Hill's Evergreens

BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists Largest Growers in America
Box 404. DUNDEE, ILL.

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,

P. O. Berlin, N. J. Williamstown Junc., N. J.

ROSES, CANNAS Shrubbery

THE CONARD & JONES CO.,
West Grove, Penna.

PEONIES and IRIS

Write for list.

PETERSON NURSERY

Stock Exchange Building, CHICAGO

Mention the American Florist when writing

OWN ROOT

ROSES

Pot grown
2 1/4 and 4-in.
Field grown
to pot 4 to 5-in.

THE LEEDLE FLORAL COMPANY.
SPRINGFIELD-OHIO.

Mention the American Florist when writing.

Ferns, Araucarias, Palms, Etc.

Araucaria, 2 to 3 tiers, 5 in., 40c; 3 tiers, 6 in., 50c; 3 to 4 tiers, 6 in., 60c.

Kentia Belmoreana, 4 in., pots, 5 leaves, 15 in. high, 40c each; in. pots, 5 leaves, 18 to 20 in. high, \$1.00 each; 6 in. pots, 5 to 6 leaves, 20 to 24 in. high, \$1.25 each; 6 in. pots, 6 leaves, 24 to 28 in. high, \$1.50 each.

Kentia Forsteriana, 6 in. pots, 5 to 6 leaves, 30 in. high, \$1.50 each; 7 in. pots, 6 leaves, 34 in. high, \$2.00 each; 7 in. pots, to 7 leaves, 36 in. high, \$2.50 each.

Kentia Forsteriana, made up bushy plants, 3 and 4 plants to a tub, 7 in. tubs, 36 in. high, \$3.50 each; 8 in. tubs, 38 to 40 in. high, \$4.50 each; 8 in. tubs, 40 to 44 in. high, \$5.00 each; 9 in. tubs, 54 to 60 in. high, \$8.50 each.

Ferns, Teddy, Jr., extra fine, special prices, quantity—5 in. pots, broad and perfect, 35c each; 6 in. pots, broad and perfect, 50c each.

Boston Ferns fine fresh stock, quantity—5 in. pots, 30c each; 6 in. pots, 50c each.

Adiantum Hybridum, heavy, 4 in. pots, \$16.00 per 100.

Asparagus Sprengeri, bushy field plants, now in 4 in. pots, \$12.00 per 100; 5 in. pots, extra heavy, \$18.00 per 100. (Worth more to cut from.)

THE STORRS & HARRISON CO., Painesville, Ohio



SPECIAL GRADE CALIFORNIA PRIVET

I have over 450,000 of this **SPECIAL GRADE** of California Privet grown by a new method. The illustration shows a fair sample of each size. Note the excellent root system.

Price, 12 to 18 inches - \$ 8.00 per 1000
 " 1½ to 2 feet, - - - 10.50 per 1000

Packed free for cash with order. No order accepted for less than 1000 plants.

Also over two millions of California Privet of finest quality, in all sizes, from one to four feet, grown in the usual way. Very attractive prices, especially in carload lots, given upon request.

I have much the largest and best stock of California Privet of any nursery in the world.

J. T. LOVETT, Little Silver, N. J.

BELLE WASHBURN

The New Red Carnation With An Unbeatable Record Behind It.

Winner two years in succession of the American Carnation Society Silver Medals, 1915 and 1916. Also winner of the S. A. F. Silver Medal, 1916, besides numerous first prizes and certificates at various shows in different parts of the country.

This is purely a commercial carnation—very bright clear red, large flower, non-splitable calyx, long stem and just as free blooming as Enchantress of which it is a seedling.

Prices of rooted cuttings ready for delivery now and later, 25 or less at the rate of \$8.00 per 100. 50 and less than 100 at \$6.00 per 100. Orders of 100, and less than 250, \$5.00 per 100 and orders of 250 or more at the rate of \$45.00 per 1000. All cuttings guaranteed strictly first class.

BASSETT & WASHBURN,

Store and Office: 178 N. Wabash Ave.
 Greenhouses: Hinsdale, Ill.

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Ferns in Flats

In Best Varieties For Fern Dishes.

\$1.50 per 100

100,000 READY NOW

Write for Wholesale Catalogue of
FERNS, KENTIAS, ETC., to

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"THE FERNERIES"

Lawrence and Winnipeg Avenues.

SAN FRANCISCO, CALIF.

Jos. Heacock Co.,

Wyncote, Pa.

Grower of Kentias.

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MADISON, NEW JERSEY

Wholesale Florist

Chrysanthemum Novelties my Specialty

HILL'S CHOICE LANDSCAPE, DECORATIVE AND FORCING STOCK FOR FLORISTS' TRADE

Boxwoods—Pyramids, Standards, Globes, Bush, Dwarf—one of our leading specialties. Stocked in enormous quantities.

Bay Trees—Standards, Half Standards, Pyramids. We can save you money and give better quality. Let us prove it.

Hardy Tubbed Evergreens—Clipped specimens in Taxus, Thuyas, Juniperus, Abies varieties in Pyramids, Globes and natural-shaped in large assortment.

Araucarias—Best sorts, best values, in both small and large sizes, for immediate effect and growing on.

Forcing Stock—Azaleas, Rhododendrons, Aucubas, Skimmia Japonica, Hydrangeas, Lilacs, Spireas, Magnolias, Japanese Maples, Wistaria Chinensis, Japanese Flowering Cherry, Peonies, Roses, in large assortment, choicest quality, best commercial sorts.

Wholesale price list will be mailed promptly on request.

Landscape Evergreens and Conifers—New, rare and standard varieties. Small, medium and large sizes supplied in perfect specimens, with ball and burlap. Largest and most extensive collection in America.

Window-Box Plants—Hardy Coniferous Evergreens for winter use. All hardy and desirable sorts, best selection, lowest prices. Also Rush Box and Dwarf Edging. This line offers wide-awake florists a grand opportunity to increase their sales and profits.

Deciduous Trees and Shrubs—Our leaders—Norway Maple, American White Elm and Japanese Barberry.

Young Stock for Lining Out—Ornamental Evergreens and Deciduous Trees and Shrub seedlings, rooted cuttings, grafts, etc., in large assortment at very low prices. Annual output, 10,000,000 plants.

Write for information and price today.

THE D. HILL NURSERY COMPANY, INC.

EVERGREEN SPECIALISTS
 LARGEST GROWERS IN AMERICA

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WHOLESALE GROWERS AND IMPORTERS

ORCHIDS

FRANCISCO DELGADO Q.

ORCHID COLLECTOR

Solicits orders for shipments of Orchids.
 Prices quoted upon application.

BOGOTO (Chapinero) COLOMBIA.

Robert Craig Co...

High Class PALMS

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

Rooted Carnation Cuttings Immediate Delivery.

We are now booking orders for our New Seedling SUPERB—\$12.00 per 100; \$100.00 per 1000.

SUPERB is a seedling of Gloriosa and Enchantress. It has the good stem of Gloriosa and the fine growing habit of Enchantress. The color is a flesh pink, and it keeps its color at all seasons. The flowers average about three inches, are very full, and generally receive full score on substance. The flowers are all perfect and do not split. In the four years we have grown it, it has proved the best commercial variety, barring none.

AVIATOR If you want Scarlet Carnations for Christmas, grow Aviator. \$6.00 per 100; \$50.00 per 1000.

STANDARD NEW VARIETIES.

WHITE.	Per 100	Per 1000
Matchless	\$2.50	\$20.00
White Enchantress	2.50	20.00
White Wonder	3.00	25.00

DARK PINK.	Per 100	Per 1000
Peerless Pink	2.50	20.00
C. W. Ward	2.50	20.00

FLESH PINK.	Per 100	Per 1000
Superb	\$12.00	\$100.00
Enchantress	2.50	20.00
Enchantress Supreme	2.50	20.00
Alice	3.00	25.00

VARIEGATED.	Per 100	Per 1000
Benora	3.00	25.00

RED	Per 100	Per 1000
Aviator	\$6.00	\$50.00
Beacon	3.00	25.00
Champion	3.00	25.00

MEDIUM PINK.	Per 100	Per 1000
Miss Theo	6.00	50.00
Mrs. Akehurst	3.00	25.00
Pink Sensation	3.50	30.00

J. D. THOMPSON CARNATION CO.,

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BURNLEY, ENGLAND

100,000 GERANIUMS

Ready now, 2 and 2½ in. pots. Poitevine, Ricard, Nutt, Doyle, Viaud, Oberle, Buchner, etc., \$2.50 per 100; \$22.50 per 1,000.
2½ in. Fuchsias, 15 varieties; Double Petunias, 12 varieties; Marguerites, 3 varieties; Lantanas, 8 varieties; \$2.75 per 100; \$25.00 per 1,000.

Alonzo J. Bryan, Wholesale Florist
Washington, New Jersey.

GERANIUMS

Immediate delivery at \$13.50 per 1000 for S. A. Nutt and Buchner and \$16.00 per 1000 for Ricard and Poitevine.

Asparagus Plumosus, fine stock at \$25.00 per 1000; same rate per 100.

ALBERT M. HERR, LANCASTER, PA.

BOXWOODS—MOST BEAUTIFUL STOCK

Pyramids, 2 -ft.....	\$1.00 each
Pyramids, 2½-ft.....	1.50 each
Pyramids, 3 -ft.....	2.00 each
Pyramids, 3½-ft.....	2.50 each
Standard Shape, 14x14 in.....	2.50 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 15-in.....	.35c each

F. O. FRANZEN 5319 N. Clark St
CHICAGO

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F. DORNER & SONS CO.,
Lafayette, - - Indiana

Mention the American Florist when writing

Begonia Glory of Cincinnati

Begonia Melior, Begonia Mrs. J. A. Peterson.

CYCLAMEN, our own selected strain.
APLENIUM NIDUS AVIS (Bird's Nest Fern).
Price list on application.

J. A. PETERSON & SONS, WESTWOOD,
CINCINNATI, OHIO

Mention the American Florist when writing

ROOTED Carnation Cuttings

600,000 Ready For Immediate Shipment.

Finest rooted cuttings obtainable at remarkably low prices until we are sold out. Peter Reinberg's stock is known for its supreme quality everywhere and is the best kind for you to buy. Look over our list of offerings—all money makers, and order what you need immediately. Do it right now. **HURRY.**

	Per 100	Per 1000
White Enchantress	\$2.00	\$16.00
White Perfection	2.00	16.00
White Wonder	2.00	18.00
Enchantress	2.00	16.00
Rose Pink Enchantress	2.00	16.00
Ward	2.00	18.00
Beacon	2.00	18.00
Herald	2.00	18.00
Champion	2.00	18.00
Joy	2.00	16.00
Belle Washburn	4.00	30.00
Aviator	4.00	30.00

RICHMOND BENCH PLANTS

\$6.00 per 100; \$50.00 per 1000.

Large quantity of fine stock at above reasonable prices. Order quick, so as to insure your supply.

Specify Plants When Ordering.

Peter Reinberg
30 East Randolph St., Chicago, Ill.

Ready Reference Section.

10 CENTS PER LINE, NET.



AMARYLLIS.

AMARYLLIS (Hippeastrum). Imported and American seedlings, 9 to 10-in. cir., \$18; 11 to 12-in. cir., \$22 per 100. Tait's seedlings from very choice stock, \$25 per 100; fancy stock, \$1 to \$5 each. C. S. Tait, Brunswick, Georgia.

AMARYLLIS. Vittata Hybrids. A magnificent strain equal to many of the very expensive named varieties. 4-year-old bulbs, \$25.00 per 100; 25 at 100 rate; \$3.50 per doz. H. J. CONDRON, Amaryllis Specialist, Dickinson, Texas.

ARAUCARIAS.

Araucaria, 2 to 3 tiers, 5-in., 40c; 3 tiers, 6-in., 50c; 3 to 4 tiers, 6-in., 60c. The Storrs & Harrison Co., Painesville, Ohio.

ASPARAGUS.

Asparagus Sprengeri Seed, 1917 crop ready now. 75c per 1,000; 5,000 for \$3.00; 10,000 for \$5.00. Write for prices in quantity. HARRY BAILEY, Montebello, Calif.

Asparagus Sprengeri, bushy field plants, now in 4-in. pots, \$12.00 per 100; 5-in. pots, extra heavy, \$18 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Asparagus Sprengeri, 3-in., \$6 per 100; 4-in., \$10 per 100. Plumous, 2 1/2-in., \$3.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS PLUMOSUS SEEDLINGS, extra strong, \$6.00 per 1,000. VAUGHAN'S GREEN-HOUSES, Western Springs, Ill.

Asparagus plumosus, fine stock, \$25 per 1,000. Albert M. Herr, Lancaster, Pa.

3-in. plumosus, at \$5.00 per 100. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

AZALEAS.

Azaleas. W. & T. Smith Co., Geneva, N. Y.

BAY TREES.

BAY TREES—Write for wholesale price list. JULIUS ROEHRS CO., Rutherford, N. J.

BEGONIAS.

Begonias. Glory of Cincinnati, Mellor and Mrs. J. A. Peterson. Price list on application. J. A. Peterson & Sons, Westwood, Cincinnati, O.

Begonias, 2-in., \$2 per 100; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

BOXWOOD.

Boxwood. For varieties and prices, see advertisement elsewhere in this issue. F. O. Franzen, 5319 N. Clark St., Chicago.

BOXWOODS.

PYRAMIDS. Broad, heavy specimens, 2 ft., \$1.90 each; 2 1/2 ft., \$2.00 each; 3 ft., \$2.50 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee, Ill. Write for prices on larger sizes.

BUSH SHAPE, 10-12-in., balled, 30c each; 18-in., balled, 60c each; 30-in., balled, \$1.75 each.

THE D. HILL NURSERY CO., INC. Dundee, Ill. Box 404.

BOX TREES—Standards, Pyramids and Bush. Price list on demand. JULIUS ROEHRS CO., Rutherford, N. J.

BULBS.

Bulbs. Gladiolus, all first size. Mrs. Francis King, \$12 per 1,000; Augusta, \$13 per 1,000; America, \$15 per 1,000; Chicago White, \$18 per 1,000; Florist XXX Mixed, \$16 per 1,000. Tuberoses, first size, 4-6 in., \$9 per 1,000; medium size, 3-4 in., \$5 per 1,000. Gladiolus Colvillei, The Bride, \$5 per 1,000. Spanish Iris, 4 named varieties, \$6 per 1,000. Chinese Narcissus, per mat (120 bulbs), \$3. Lilium Formosum, L. Giganteum, Hardy Lilies, Spiraea and Valley. For varieties, sizes and prices, see advertisement elsewhere in this issue. Chicago White Gladiolus. Very first flowering early white variety for bench forcing. First grade, 1 1/2 to 1 3/4-in., \$18 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs. Dwarf gladiolus and Lilium Longiflorum Giganteum (black stem.) For sizes and prices see advertisement elsewhere in this issue. J. M. Thorburn & Co., 53 Barclay St., New York.

Bulbs. Lilium Giganteum and Magnificum. For sizes and prices see advertisement on front cover page of this issue. Wm. F. Kasting Co., 568-570 Washington St., Buffalo, N. Y.

Bulbs. Lilium Giganteum, 7 to 9-in., and 9 to 10-in., for immediate delivery. Write for prices. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York.

Bulbs, fancy caladium. Fine, well developed in 40 named leading sorts, \$10 per 100. Delivery January and February. Tampa Floral Co., Tampa, Fla.

Bulbs, seeds, supplies, etc. Wholesale only. American Bulb Co., 178 N. Wabash Ave., Chicago.

CARNATIONS.

CARNATIONS.
Standard and New Varieties.

White.		
	Per 100	Per 1000
Matchless	\$2.50	\$20.00
White Enchantress	2.50	20.00
White Wonder	3.00	25.00
Flesh Pink.		
Superb	\$12.00	\$100.00
Enchantress	2.50	20.00
Enchantress Supreme	2.50	20.00
Alice	3.00	25.00
Medium Pink.		
Miss Theo	\$6.00	\$50.00
Mrs. Akehurst	3.00	25.00
Pink Sensation	3.50	30.00
Dark Pink.		
Peerless Pink	\$2.50	\$20.00
C. W. Ward	2.50	20.00
Red.		
Aviator	\$6.00	\$50.00
Beacon	3.00	25.00
Champion	3.00	25.00
Variegated.		
Benora	\$3.00	\$25.00
J. D. THOMPSON CARNATION CO., Illinois		

We can save you money on
STRONG ROOTED CARNATION CUTTINGS
For January delivery.

	Per 100	Per 1,000
Light Pink Enchantress.....	\$2.00	\$14.00
White	2.00	17.50
C. W. Ward	2.00	15.00
Winsor	2.00	14.00
Victory	2.00	15.00
Joy	2.00	15.00

Also a limited supply of
Nebraska \$5.00 | per hundred || Herald | 2.00 | per hundred |
| White Perfection | 2.00 | per hundred |
| White Wonder | 2.00 | per hundred |

Place your orders now.
J. A. BUDLONG, Chicago.

184 North Wabash Ave. Chicago.
Carnation Cottage Maid. Pleasing shade of flesh pink; a sport of Mrs. C. W. Ward, with same habit and growth. Price, \$12 per 100; \$100 per 1,000. February delivery. Cottage Gardens Co., Inc. (Originators), Queens, N. Y.

CARNATIONS.

Belle Washburn, the new red carnation with an unbeatable record behind it. Winner two years in succession of the American Carnation Society Silver Medals, 1915 and 1916. Also winner of the S. A. F. Silver Medal, 1916, besides numerous first prizes and certificates at various shows in different parts of the country. This is purely a commercial carnation—very bright, clear red, large flower, non-splitable calyx, long stem and just as free blooming as Enchantress, of which it is a seedling. Prices of rooted cuttings ready for immediate delivery, 25 or less at the rate of \$8.00 per 100; 50 and less than 100 at \$6.00 per 100. Orders of 100, and less than 250, \$5.00 per 100, and orders of 250 or more at the rate of \$45.00 per 1,000. All cuttings guaranteed strictly first class. Bassett & Washburn, 178 N. Wabash Ave., Chicago.

CARNATION CUTTINGS.

Well rooted, from strictly clean, healthy stock.		
	100	1000
Enchantress	\$2.50	\$20.00
White Wonder.....	3.00	25.00
Beacon	3.00	25.00
Good Cheer	4.00	35.00
Nancy	6.00	50.00

Nancy is Dorner's new salmon pink, large perfect flower, long strong stem, good keeper, good producer, does not split. All cuttings ready for delivery. Order now.

SCHROEDER FLORAL CO.,
West 24th and Pease Sts., Milwaukee, Wis.

CARNATIONS—ROOTED CUTTINGS.

Enchantress, Rose Pink Enchantress, White Enchantress, May Day and Philadelphia. \$2.50 per 100; \$20.00 per 1,000.

Victory, \$2.00 per 100; \$18.00 per 1,000. January or February deliveries. Cash from unknown parties.

THE COLUMBUS FLORAL COMPANY, Ohio.
Columbus.

Rooted carnation cuttings. All stock, guaranteed in every respect. White Enchantress, White Wonder, Matchless, Enchantress Supreme, Peerless Pink, Washington, Ward, The Herald, Victory, \$3.00 per 100; \$25.00 per 1,000. Aviator, \$6.00 per 100; \$50.00 per 1,000. Pyfer & Olsem, Wilmette, Ill.

Carnation rooted cuttings. Rosalia, Merry Christmas, Doris, Cottage Maid. Delivery January, 1917, and later, \$12 per 100. \$100 per 1,000, 250 at 1,000 rate. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Rooted Carnation Cuttings. 100,000 White Enchantress. Extra fine stock, ready for immediate shipment. \$1.75 per 100; \$14 per 1,000. Percy Jones, 56 E. Randolph St., Chicago.

Carnations, rooted cuttings, 600,000 ready for immediate shipment. For varieties and prices see advertisement elsewhere in this issue. Peter Reinberg, 30 E. Randolph St., Chicago.

Carnation Superb. Fine new flesh pink. Rooted cuttings, Jan., 1917 delivery, \$12 per 100, \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

Carnations. F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS

ALEX GUTTMAN.

Chrysanthemum (Dinda), the best early lavender-pink in the market. Blooms have been selling for \$6.00 per dozen since middle of September. Stock plants, 75 each; \$7.50 per dozen. GUTTMAN & RAYNOR, Inc., Wholesale Florists, 101 W. 28th St., New York, or Frank Dinda, Farmingdale, L. I., N. Y.

CHRYSANTHEMUMS. Good commercial varieties, 2 1/2 in. pots, \$3.00 per 100; \$25.00 per 1,000. Write for list of varieties. HENRY SMITH, Grand Rapids, Mich.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

COLEUS DEFIANCE, the prettiest of all coleus. It defies any other coleus, in beauty, as well as for commercial purposes, as pretty as a poinsettia at its best. Send for colored plate. Try it. \$1.50 per doz., \$16.00 per 100 from 2½-in. pots. C. Winterich, Cyclamen Specialist, Defiance, O.

CYCLAMEN.

CYCLAMEN, strong seedlings, \$4.00 per 100; \$30.00 per 1,000. Transplanted, \$5.00 per 100; \$40.00 per 1,000.

Rococo Erecta, new, finest ever introduced (not to be compared with the old Rococo); to be well recommended for commercial growing. Strong seedlings, \$5.00 per 100, \$40.00 per 1,000. Transplanted, \$6.00 per 100, \$50.00 per 1,000.

ERNEST ROBER, Wilmette, Illinois.

DAHLIAS.

My latest novelty, "The Millionaire," \$10.00 per bulb. A light lavender decorative. A monster; a beauty. It's simply wonderful. My new catalogue tells about it.

GEO. L. STILLMAN, "Dahlia Specialist," Originator of "World-Known" Dahlias. Box A-7. Westerly, R. I.

Dahlias. Best new and standard varieties. Peacock Dahlia Farms, Williamstown Junction, N. J.

DAISIES.

BEST FLOWERING DAISIES. Chicago White, special strain, 2½ in., \$5.00 per 100; Etoile D'Or (yellow), 2½ in., \$5.00 per 100. Cash, please. A. E. HUNT & CO., 30 E. Randolph St., Chicago.

DRACAENAS.

DRACAENA INDIVISA, 5 in., 35c. Harry Heintz, West Toledo, O.

Dracaena Indivisa, 2-in., \$2 per 100, \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

FERNS.

Ferns. Teddy Jr., extra fine stock, broad and perfect; 5-in., 35c each; 6-in., 50c each. Boston, fine fresh stock; 5-in., 30c each; 6-in., 50c each. The Storrs & Harrison Co., Painesville, Ohio.

Ferns in flats, in best varieties for fern dishes, \$1.50 per 100. Write for wholesale catalogue of ferns, kentias. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns. Nephrolepis Verona. Splendid fronds, stand up well, 2-in., \$8 per 100, \$72 per 1,000; 3-in., \$12 per 100, \$90 per 1,000. P. S. Randolph & Sons, R. D., Verona, Pa.

Boston ferns, extra fine bench grown for 3, 4 and 5-inch pots at 6c, 12c and 20c each. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

HARDY FERNS. Illustrated descriptive catalogue and wholesale price list mailed free on application. LUDVIG MOSBAK, Ferndale, Askov, Minnesota.

TABLE FERNS, best varieties, fine stock. 2-in., \$3 per 100, \$25 per 1,000; 3-in., \$5 per 100, \$40 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Fine Nephrolepis ferns. For varieties and prices see advertisement elsewhere in this issue. F. R. Pierson Co., Tarrytown, N. Y.

GERANIUMS.

Geraniums, S. A. Nutt and Buchner, \$13.50 per 1,000; Ricard and Poitevine, \$16 per 1,000. Albert M. Herr, Lancaster, Pa.

GERANIUMS.

Geraniums. Well established two and a quarter inch stock. Top cuttings and no hard wood. Varieties: S. A. Nutt, General Grant, Madame Buchner, Gloire De France, \$3.00 per 100, \$25.00 per 1,000. You will appreciate our good packing.

See our ad for Double Fringed Petunia cuttings elsewhere in these columns.

STUPPY FLORAL COMPANY, St. Joseph, Missouri.

Geraniums. S. A. Nutt, Gen. Grant, Mad. Buchner, Mad. Recamier, Jean Oberle, Abbie Schaffer, E. H. Trego, etc., 2-in., \$2 per 100; 3-in., \$3 per 100. For miscellaneous plants and rooted cuttings see advertisement on front cover page of this issue. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums. S. A. Nutt, 2-in., \$2.00 per 100, \$18.00 per 1,000; rooted cuttings, \$12.00 per 1,000. Also few white cuttings and 2-in. good stock. Cash. W. E. ALLEN, Leominster, Mass.

100,000 geraniums, ready now, 2 and 2½-in. pots. Poitevine, Ricard, Nutt, Doyle, Viaud, Oberly, Buchner, etc., \$2.50 per 100, \$22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

GERANIUMS. Gen. Grant (best scarlet bedder), 2-in. ready to shift, \$2.00 per 100, \$17.50 per 1,000. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

GREENS.

Greens. Southern Wild Smilax, \$2.50 per case; holly, \$2.25 per case; fadeless sheet moss, \$3.50 per bag; natural sheet moss, \$1.75 per bag; southern gray moss, \$2.50 per bag; long needle pines, \$1.25 per dozen. Caldwell The Woodsman Co., Evergreen, Ala.

Greens. Southern wild smilax, \$2.50 per case; holly, \$2.25 per case; dyed sheet moss, \$3.50 per bag; natural sheet moss, \$1.75 per bag; long needle pines, \$1.25 per dozen; gray moss, \$2.50 per bag. E. A. Beaven, Evergreen, Ala.

HYDRANGEAS.

Hydrangeas, single stem plants, set with good plump flower buds. For varieties and prices see advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, New York.

HYDRANGAEA OTAKSA, 3-in., \$5 per 100. Flowering sizes pot-grown, 25c to 50c each. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

LANTANAS.

LANTANAS, 3-in., yellow and pink, strong plants, \$8 per 100; weeping, 3-in., \$6 per 100; 2-in., \$3.50 per 100. ERNEST ROBER, Wilmette, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the valley. Orders taken now for 1916 crop of German, Swedish and Dutch plips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

NURSERY STOCK.

Write for wholesale price list of ornamental nursery stock. MAYWOOD NURSERY CO., Maywood, Ill.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PANSIES.

FOR SALE—Pansies, Vaughan's Giant mixture, Improved German mixture, Paris market; also other varieties in separate colors. Strong plants, Sept. sown, cold frame grown, \$2.50 per 1,000. G. F. ODOR, Iola, Kansas.

PALMS.**PALMS.****KENTIA FORSTERIANA—SINGLE PLANTS.**

Leaves	Each
6 inch pots 5-6	28 inches high...\$ 1.25
6 inch pots 6-7	32-34 inches high... 1.50
6 inch pots 6-7	34-36 inches high... 2.00
8 inch tubs 6-7	40-42 inches high... 3.50
8 inch tubs 6-7	42-46 inches high... 4.00
8 inch tubs 6-7	50 inches high... 5.00
9 inch tubs 6-7	52-56 inches high hv 7.00
10 inch tubs 6-7	60 inches high... 8.00
10 inch tubs 6-7	60-65 inches high... 12.00
15 inch tubs 6-7	8 feet high... 40.00
15 inch tubs 6-7	9-10 feet high... 50.00

KENTIA BELMOREANA—SINGLE PLANTS.

Leaves	Each
2½ inch pots 4	\$1.50 per doz., \$12 per 100
4 inch pots 5-6	16-18 45c each...\$5.00
6 inch pots 5-6	24 each... 1.25
6 inch pots 5-6	28 each... 1.50
8 inch tubs 5-6	42 each... 5.00

Specimen plants, 15-in. tubs, \$75 each.

KENTIA FORSTERIANA—MADE UP PLANTS.

6 inch pots 3	26-28 inches high...\$ 2.00
7 inch tubs 3	30-32 inches high... 2.50
8 inch tubs 3	38 inches high... 4.00
8 inch tubs 4	48-50 inches high... 5.00
9 inch tubs 4	52 inches high... 6.00
10 inch tubs 4	54 inches high... 8.00
12 inch tubs 4	60-64 inches high... 12.00
12 inch tubs 4	66 inches high... 15.00
15 inch tubs 4	6-6½ ft. high, heavy... 25.00
15 inch tubs 4	75-80 inches high... 30.00

ARECA LUTESCENS.

6 inch pots 4 bushy, 24-26 inches high, \$1.25

ASPIDISTRAS.

5 inch pots 10-12 leaves green	\$1.00
6 inch pots 16-20 leaves green	1.50
5 inch pots 10-12 leaves var.	1.50

POEHLMANN BROS CO.,

Morton Grove, Illinois.

Kentia Belmoreana, 4-in., 5 leaves, 40c each; 5-in., 5 leaves, \$1.00 each; 6-in., 5 to 6 leaves, \$1.25 each; 6-in., 6 leaves, \$1.50 each. Kentia Forsteriana, 6-in., 5 to 6 leaves, \$1.50; 7 in., 6 leaves, \$2; 7-in., 6 to 7 leaves, \$2.50. Made-up bushy plants, 3 and 4 plants to a tub, 7-in. tub, 36 in. high, \$3.50 each; 8-in. tub, 38 to 40 in. high, \$4.50 each; 8-in. tub, 40 to 44 in. high, \$5 each; 9-in. tub, 54 to 60 in. high, \$8.50 each. The Storrs & Harrison Co., Painesville, Ohio.

LATANIA BORBONICA PALMS. 15-in. tubs, suitable for decorative work, \$5 each. Pandanus Veitchii, 15-in. tubs, \$5 each. HENRY SMITH, Grand Rapids, Mich.

Palms, high class, and novelties in decorative plants. Robert Craig Co., Market and 49th Sts., Philadelphia, Pa.

Palms. Joseph Heacock Co., Wyncote, Pa.

PANDANUS.

PANDANUS VEITCHII, 6-in., 75c; 7-in. and 8-in., \$1.50 to \$2.00; 10-in. and 12-in., from \$3 to \$5 each. Fine specimens. HENRY SMITH, Grand Rapids, Mich.

Pandanus Veitchii, 4-in., 35c each; 6-in., 75c to \$1 each; 7-in., \$1.25 each; 9-in., \$2.00 each. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

Peppers. Bird's-Eye, bushy plants, 4-in., \$12.00 per 100; \$100 per 1,000. Peppers, Celestial, 4-in., \$12.00 per 100; \$100 per 1,000. Jerusalem Cherry, 4-in., \$12.00 per 100; \$100 per 1,000. PYFER & OLSEM, Wilmette, Ill.

PETUNIAS.

PETUNIAS. Strong top cuttings of Dreer's famous collection of DOUBLE FRINGED PETUNIAS in eight superb named varieties. Shipped under separate label but in collection only. \$2.00 per 100; \$17.50 per 1,000. See our ad for Geraniums elsewhere in these columns.

STUPPY FLORAL COMPANY, Saint Joseph, Mo.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

PRIMULAS.

PRIMULA MALACOIDES.		
Extra fine stock.	100	1.000
2-inch .....	.....	\$3.00 \$27.50
2½-inch .....	.....	4.00 35.00
3-inch .....	.....	6.00 50.00

PIYER & OLSEM, Wilmette, Ill.

PRIMULAS. Obconica, Chinensis and Malacoides. 2-in. pots at \$3.00 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIVET.

California Privet, special grade, 12 to 18-in., \$8 per 1,000; 1½ to 2 ft., \$10.50 per 1,000. Cash with order. J. T. Lovett, Little Silver, N. J.

ROSES.

ROOTED ROSE CUTTINGS.		
	100	1,000
Sunburst .....	.....	\$3.50 \$20.00
Richmond .....	.....	2.50 20.00
Killarney .....	.....	2.50 20.00
White Killarney .....	.....	2.50 20.00
Ophelia .....	.....	4.00 35.00

GEORGE REINBERG, Chicago.
162 North Wabash Avenue.

Roses. Extra strong, field-grown climbing roses to bloom for Easter; also hybrid perpetual roses. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Selected Forcing Grade Roses. Climbers, extra strong, \$15 per 100; baby roses, \$15 per 100. For varieties see advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, New York.

New red rose Mrs. Sarah Yeats. Price, 2½-in. pot plants, 35c each; \$32.50 per 100; \$300 per 1,000. J. E. Yeats, 302 E. Springfield Ave., Champaign, Ill.

Baby Roses. For varieties and prices see advertisement elsewhere in this issue. A. Henderson & Co., 211 N. State St., Chicago.

Roses. Pot-grown, 2½ and 4-in. Field grown, to pot, 5 to 6-in. The Leedle Floral Co., Springfield, O.

SEEDS.

ASPARAGUS LUTZII SEEDLINGS. \$2.50 per 100; \$20.00 per 1,000. Asparagus Lutzii seed, \$1.25 per 100; \$10 per 1,000. Asparagus Hatcherii seed, 60c per 100; \$4.50 per 1,000. Asparagus Elongatus seed, \$2.00 per 100; \$15.00 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Ia.

Seeds. Asparagus Plumosus Nanus, greenhouse grown, 1,000, \$3.50; 10,000, \$22.50. California grown, 1,000, \$2.50; 10,000, \$22.50. Arthur T. Boddington Co., Inc., 123 Chambers St., New York.

Seeds. Wholesale price list for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, contract growers of cucumber, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds. Dreer's superb double fringed Petunias, 75c per 500 seeds, \$1.50 per 1,000 seeds. Superb single fringed, 50c per trade packet. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Seeds, wholesale growers and dealers in Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

SEEDS.

Seeds. Bean, cucumbers, muskmelon, watermelon, squash and sweet corn. Michigan-grown radish our specialty. S. M. Isbell & Co., Jackson, Mich.

Seeds, contract growers of cucumbers, muskmelon, squash and pumpkin, sweet, flint and dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seed. Winter Orchid Flowering Sweet Pea. Price list now ready. Send postal for copy. Anton C. Zvolanek, Sweet Pea Ranch, Lompoc, Calif.

Seeds, specialties: Pepper, egg plant, tomato vine, seed and field corn. George R. Pedrick & Son, contract seed growers. Pedricktown, N. J.

Seeds, growers for the trade: Beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds. Vaughan's Flower. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds. Peas, beans and sweet corn. Michigan and Iowa grown. Sioux City Seed & Nursery Co., Sioux City, Iowa.

Seeds, specialties: Lettuce, onion, sweet pea, aster, cosmos, mignonette, verbena in variety. Waldo Rohnert, Gilroy, Calif.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsley, parsnips, turnips. R. & M. Godineau, Angers, France.

Seeds. Beet, sweet corn, garden bean, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

Seeds. Bean, pea, radish and all garden. Write for prices. Leonard Seed Co., 226-230 W. Kluzie St., Chicago.

Seed. Flower and vegetable of every description. Barnard's Seed Store, 231-235 W. Madison St., Chicago.

Seeds. Flower and garden seeds. Sweet Pea and Nasturtium a specialty. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds, wholesale field and garden seeds. J. Bolgiano & Son, Light, Pratt and Elliott Sts., Baltimore, Md.

Seeds. Cucumber and Muskmelon. Pure stock, good deliveries and moderate prices. R. H. James, Rocky Ford, Colo.

Seed. Grass mixtures for golf, tennis, polo. Meets all requirements. The Albert Dickinson Co., Chicago.

Seeds. All the leading kinds for spring and summer planting. James Vick's Sons, Rochester, N. Y.

Seed. High grade onion, lettuce, radish, sweet peas, etc. Pieters-Wheeler Seed Co., Gilroy, Calif.

Seeds. Flower, sweet pea and nasturtiums. The L. D. Waller Seed Co., Guadalupe, Calif.

Seed. Tomato, grown for the wholesale seed trade. Haven Seed Co., Santa Ana, Calif.

Seeds, flower, vegetable and farm. Wholesale only. Kelway's, Langport, England.

Seeds. Bean growers for the wholesale trade. Henry Fish Seed Co., Carpinteria, Calif.

Seed. For the wholesale trade only. Braslan Seed Growers' Company, San Jose, Calif.

Seeds. Onion, lettuce, radish, etc. The Kimberlin Seed Co., Santa Clara, Calif.

Seeds. Pea and bean. Alfred O. Brown Seed Co., Grand Rapids, Mich.

Seeds. Vegetable, flower and farm. Henry Mette, Quedlinburg, Germany.

Seeds which succeed. Get quotations from Landreth, Bristol, Pa.

SPIREA.

Spiraea Clumps. Gladstone, white, \$1.50 per doz., \$10 per 100; Floribunda and Compacta, white, \$1.25 per doz., \$8.50 per 100; Japonica, white, \$1 per doz., \$7 per 100. A. Henderson & Co., 211 N. State St., Chicago.

STRAWBERRY PLANTS.

Progressive and Superb, \$5.00 per 1,000. Other varieties as low as \$1.50 per 1,000. Catalog free. L. G. Tingle, Box 170, Pittsville, Md.

SWAINSONA.

SWAINSONA. 4-in pots, fine plants, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

VEGETABLE PLANTS.

Let your contract for spring delivery for asparagus, rhubarb, strawberry, blackberry, sweet potato and tomato plants. Write for price list. HENRY P. MILLER, Illinois.
Cobden,

VINCAS.

Vinca variegata, 2-in., \$2 per 100; \$20 per 1,000. Elmer Rawlings, Allegany, N. Y.

MISCELLANEOUS.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Choice landscape, decorative and forcing stock for florists' trade. For varieties see advertisement elsewhere in this issue. The D. Hill Nursery Co., Inc., Box 404, Dundee, Ill.

Flues, for retubing boilers. Selected and in first-class condition. Cleaned both inside and outside. H. Munson, 1353 N. Clark St., Chicago.

Glass cloth. A transparent waterproof fabric for all forcing purposes. Sample, 3x6 feet, 50c prepaid. Turner Bros., Bladen, Nebraska.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers' and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Use Evans' Challenge Vent Machine. Write for catalog. John A. Evans Co., Richmond, Ind.

Japanese miniature gardens, fern dishes, vases, flower pots, jardinières, etc. Nippon Garden, Inc., 259 Fifth Ave., New York.

"Superior" internal-fired boiler for hot water heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Nursery stock of all descriptions. Catalogues and price lists free on application. The Storrs & Harrison Co., Painesville, O.

Evans Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Catalogues. Large runs our specialty. Write for prices. Regan Printing House, 503 Plymouth Place, Chicago.

Baskets of every description. Write for catalogue. Raedlein Basket Co., 713 Milwaukee Ave., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

MISCELLANEOUS.

Baskets, pansy and verbenas. For sizes and prices see advertisement elsewhere in this issue. G. P. Read, Inc., 199 Duane St., New York.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 1302-1308 West Division street, Chicago.

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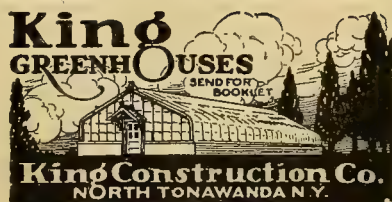
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